

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077514.D
 Acq On : 29 Apr 2023 13:02
 Operator : JC\MD
 Sample : VN0429WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: May 01 01:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	617441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1143877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1009558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	401695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	383755	47.631	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.260%		
35) Dibromofluoromethane	8.172	113	331873	48.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.540%		
50) Toluene-d8	10.566	98	1277397	48.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.848	95	425641	49.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	129775	16.672	ug/l	99
3) Chloromethane	2.372	50	100341	16.212	ug/l	97
4) Vinyl Chloride	2.525	62	134137	16.269	ug/l	99
5) Bromomethane	2.954	94	108333	15.168	ug/l	96
6) Chloroethane	3.125	64	91107	14.545	ug/l	97
7) Trichlorofluoromethane	3.507	101	211977	17.492	ug/l	100
8) Diethyl Ether	3.972	74	74575	16.935	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	126433	17.939	ug/l	99
10) Methyl Iodide	4.596	142	142680	16.478	ug/l	97
11) Tert butyl alcohol	5.525	59	96088	74.290	ug/l	100
12) 1,1-Dichloroethene	4.354	96	113193	16.428	ug/l	94
13) Acrolein	4.190	56	99883	77.629	ug/l	99
14) Allyl chloride	5.037	41	128652	16.794	ug/l	93
15) Acrylonitrile	5.731	53	236817	80.710	ug/l	98
16) Acetone	4.437	43	221938	86.585	ug/l	98
17) Carbon Disulfide	4.719	76	269944	15.418	ug/l #	95
18) Methyl Acetate	5.037	43	158453	16.008	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	398830	17.405	ug/l	96
20) Methylene Chloride	5.284	84	136521	16.795	ug/l	89
21) trans-1,2-Dichloroethene	5.790	96	123766	16.611	ug/l	95
22) Diisopropyl ether	6.678	45	301918	17.172	ug/l	98
23) Vinyl Acetate	6.607	43	906027	82.514	ug/l	98
24) 1,1-Dichloroethane	6.572	63	219408	17.630	ug/l	97
25) 2-Butanone	7.489	43	295366	81.245	ug/l	96
26) 2,2-Dichloropropane	7.489	77	213661	17.705	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	151599	17.180	ug/l	99
28) Bromochloromethane	7.819	49	85907	18.076	ug/l	93
29) Tetrahydrofuran	7.842	42	177922	78.110	ug/l	99
30) Chloroform	7.972	83	254501	18.145	ug/l	93
31) Cyclohexane	8.260	56	189829	16.632	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	232172	18.005	ug/l	97
36) 1,1-Dichloropropene	8.378	75	178463	17.967	ug/l	98
37) Ethyl Acetate	7.566	43	121856	16.145	ug/l	98
38) Carbon Tetrachloride	8.366	117	199275	18.184	ug/l	100
39) Methylcyclohexane	9.607	83	228006	17.423	ug/l	99
40) Benzene	8.613	78	538881	17.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	65383	16.632	ug/l	98
42) 1,2-Dichloroethane	8.672	62	191845	18.459	ug/l	100
43) Isopropyl Acetate	8.689	43	212024	16.238	ug/l	95
44) Trichloroethene	9.354	130	141586	18.275	ug/l	99
45) 1,2-Dichloropropane	9.625	63	125960	17.771	ug/l	95
46) Dibromomethane	9.713	93	101262	17.607	ug/l	99
47) Bromodichloromethane	9.889	83	197980	17.796	ug/l	97
48) Methyl methacrylate	9.678	41	94124	15.836	ug/l	97
49) 1,4-Dioxane	9.695	88	48530	325.515	ug/l	98
51) 4-Methyl-2-Pentanone	10.442	43	616524	80.499	ug/l	100
52) Toluene	10.630	92	357136	18.017	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	197748	17.554	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	219271	17.883	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	139971	17.560	ug/l	95
56) Ethyl methacrylate	10.878	69	192828	17.264	ug/l	94
57) 1,3-Dichloropropane	11.166	76	231816	18.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	328905	87.060	ug/l	99
59) 2-Hexanone	11.195	43	449274	80.701	ug/l	99
60) Dibromochloromethane	11.360	129	142330	17.205	ug/l	97
61) 1,2-Dibromoethane	11.472	107	141400	17.375	ug/l	97
64) Tetrachloroethene	11.107	164	109984	18.199	ug/l	98
65) Chlorobenzene	11.895	112	384270	17.988	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	140372	18.060	ug/l	99
67) Ethyl Benzene	11.966	91	687994	18.294	ug/l	97
68) m/p-Xylenes	12.072	106	537036	36.742	ug/l	99
69) o-Xylene	12.401	106	266824	18.560	ug/l	99
70) Styrene	12.413	104	418616	18.619	ug/l	99
71) Bromoform	12.583	173	86696	17.049	ug/l #	100
73) Isopropylbenzene	12.695	105	688805	18.479	ug/l	99
74) N-amyl acetate	12.495	43	169687	15.376	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	197059	16.825	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	139059m	14.887	ug/l	
77) Bromobenzene	12.983	156	142910	17.591	ug/l	99
78) n-propylbenzene	13.036	91	763651	18.528	ug/l	99
79) 2-Chlorotoluene	13.130	91	464232	18.269	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	511454	18.476	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	51829	15.676	ug/l #	87
82) 4-Chlorotoluene	13.224	91	438348	18.460	ug/l	100
83) tert-Butylbenzene	13.442	119	481129	17.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	471194	18.226	ug/l	99
85) sec-Butylbenzene	13.618	105	687479	18.631	ug/l	99
86) p-Isopropyltoluene	13.736	119	526361	18.540	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	254014	17.582	ug/l	100
88) 1,4-Dichlorobenzene	13.819	146	248088	17.391	ug/l	98
89) n-Butylbenzene	14.060	91	399083	18.164	ug/l	99
90) Hexachloroethane	14.336	117	105520	16.823	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	246521	17.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	33519	15.476	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	50218	15.430	ug/l	91
94) Hexachlorobutadiene	15.501	225	52262	18.048	ug/l	96
95) Naphthalene	15.648	128	178527	15.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	48221	15.685	ug/l	98

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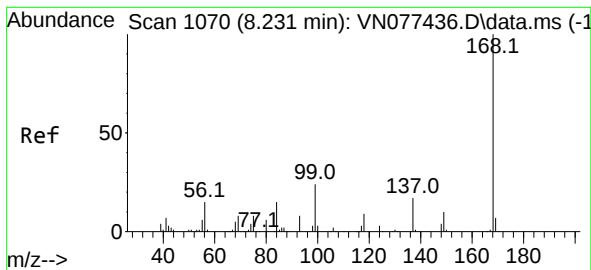
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
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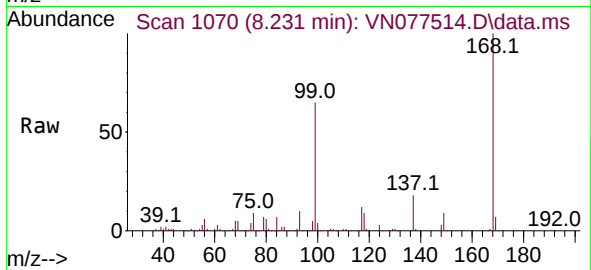
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077514.D
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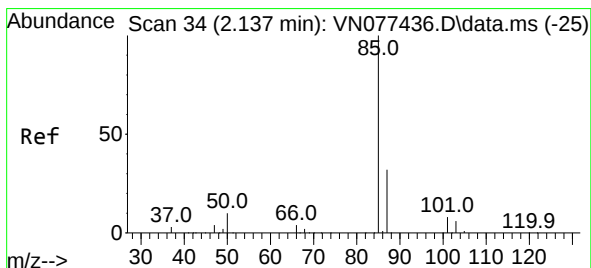
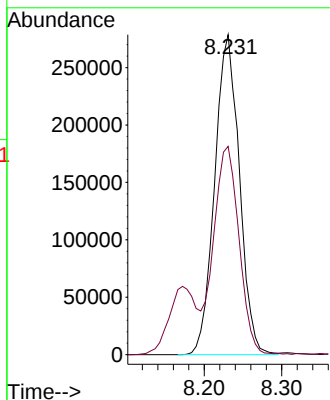
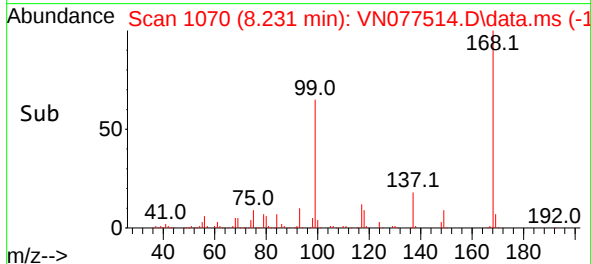
Instrument :
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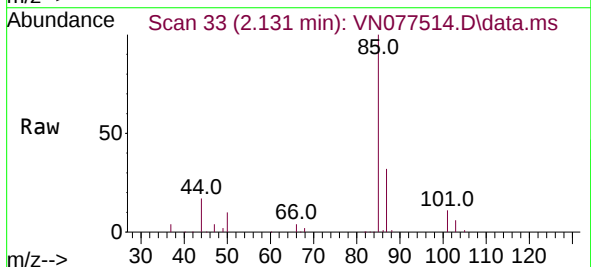
Tgt Ion:168 Resp: 61744
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6

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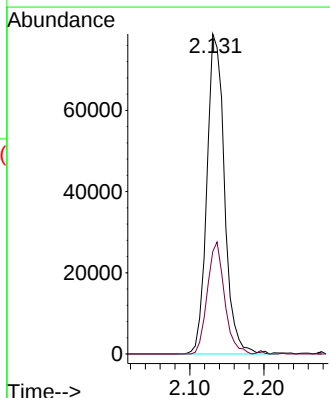
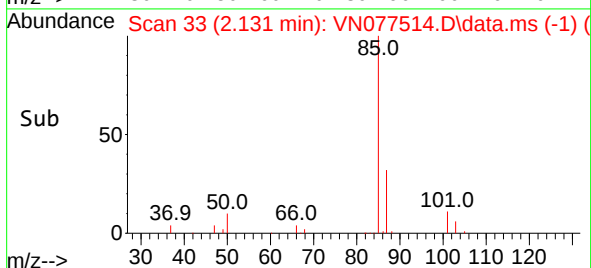
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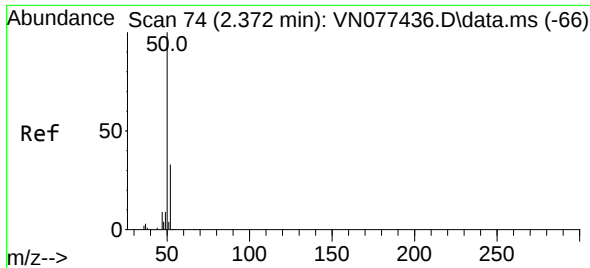


#2
Dichlorodifluoromethane
Concen: 16.672 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



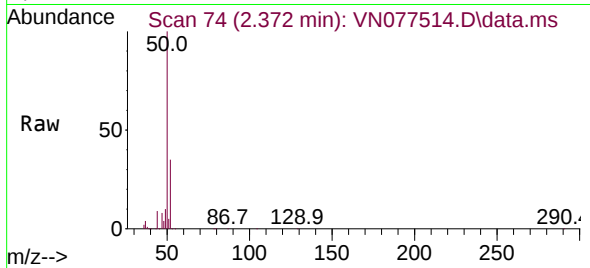
Tgt Ion: 85 Resp: 129775
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 16.212 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

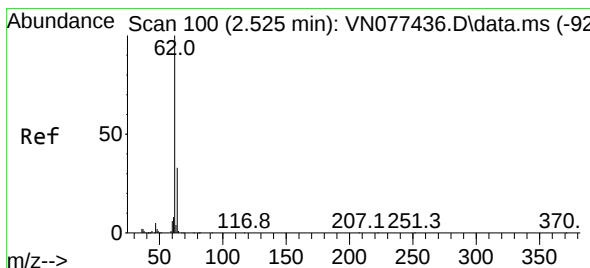
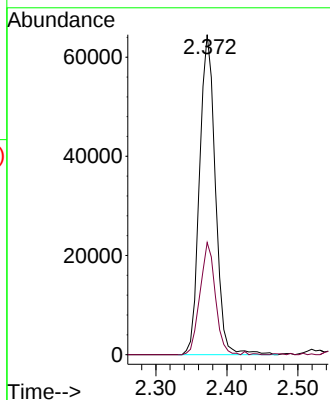
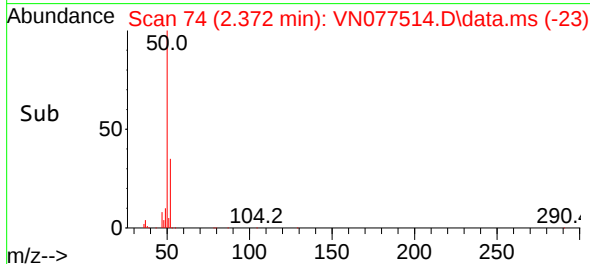
Instrument :
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Tgt Ion: 50 Resp: 10034
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

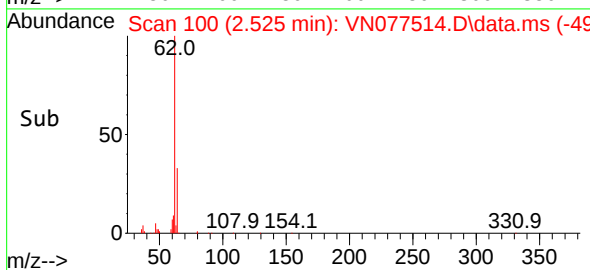
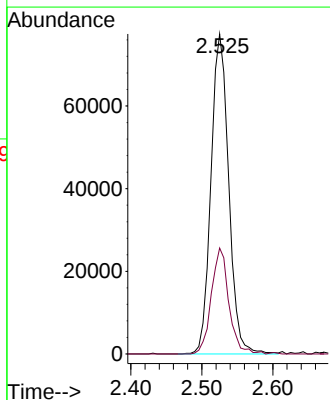
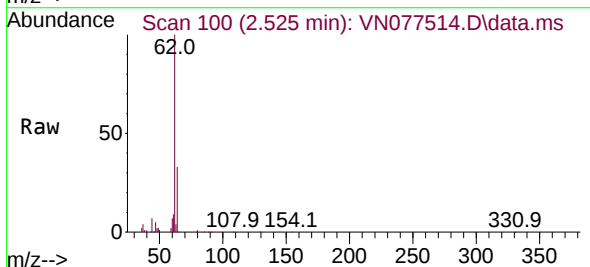
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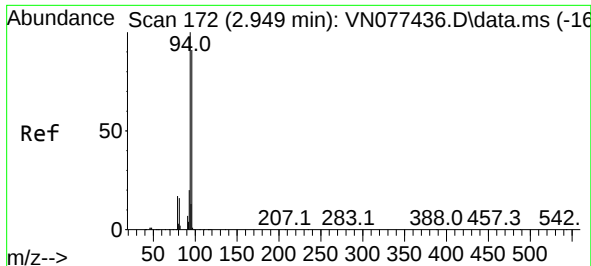
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#4
Vinyl Chloride
Concen: 16.269 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

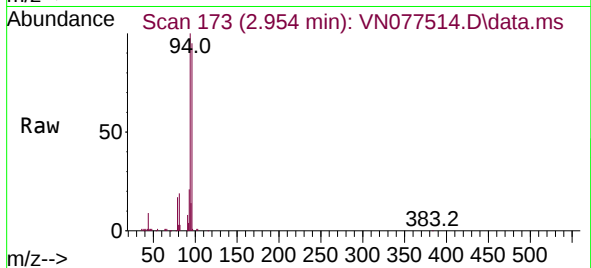
Tgt Ion: 62 Resp: 134137
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 15.168 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

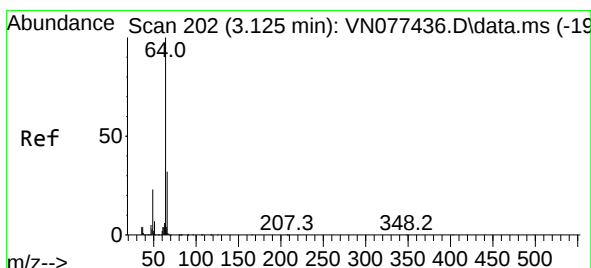
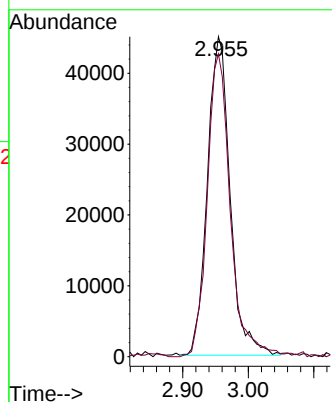
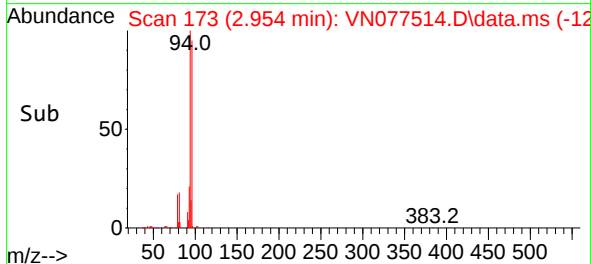
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Tgt Ion: 94 Resp: 10833
Ion Ratio Lower Upper
94 100
96 95.0 73.1 109.7

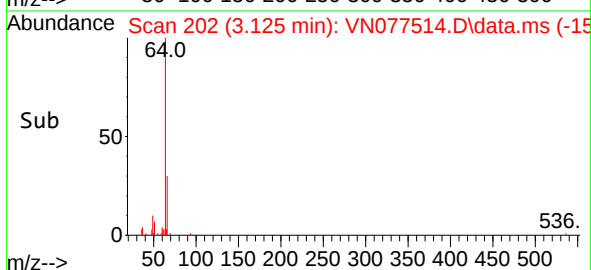
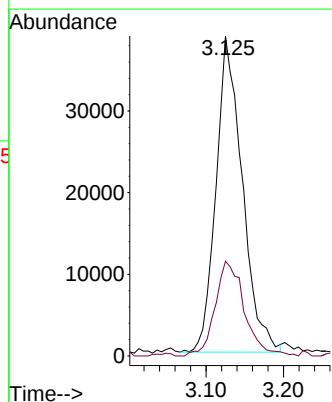
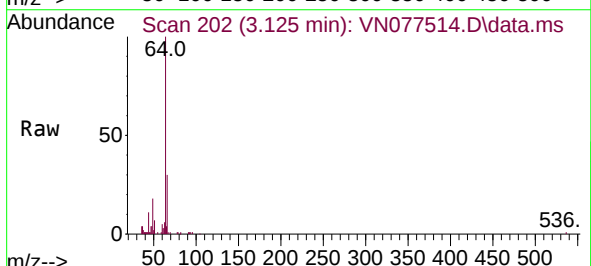
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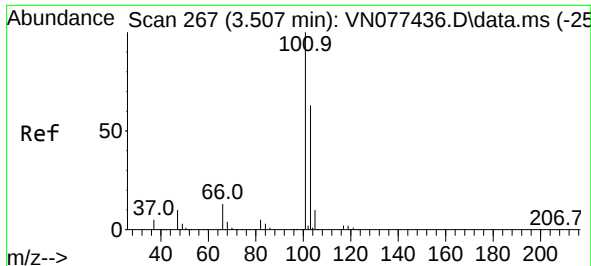
Reviewed By :John Carlone 05/01/2023
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#6
Chloroethane
Concen: 14.545 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077514.D
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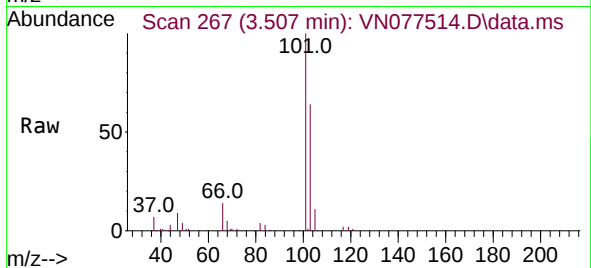
Tgt Ion: 64 Resp: 91107
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.492 ug/l
 RT: 3.507 min Scan# 21197
 Delta R.T. -0.000 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

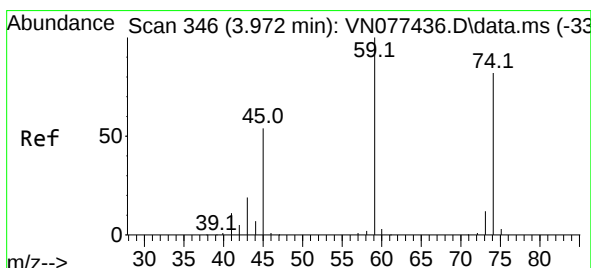
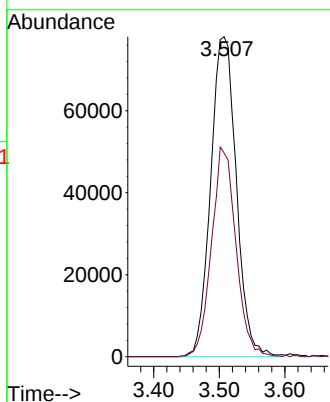
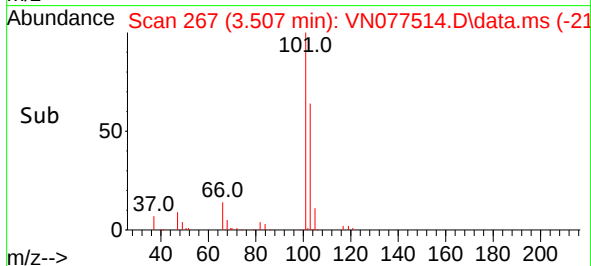
Instrument :
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Tgt Ion:101 Resp: 21197
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.7 76.1

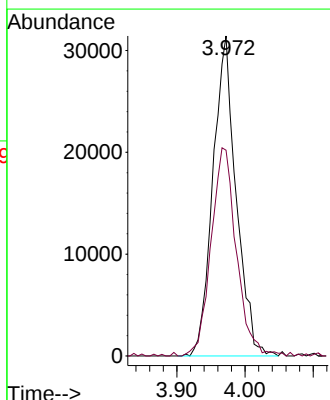
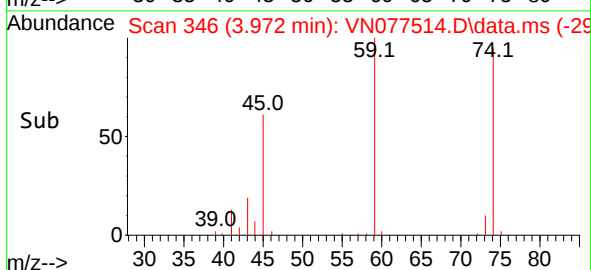
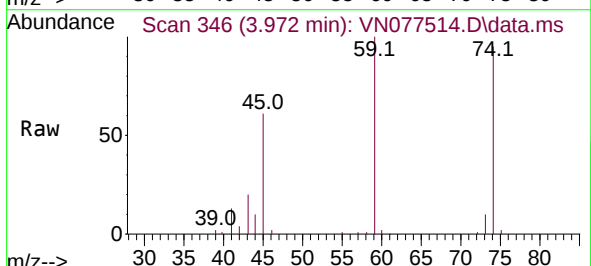
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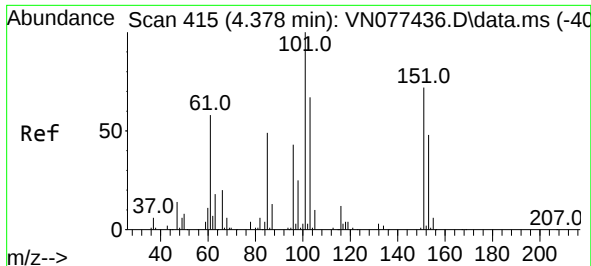
Reviewed By :John Carlone 05/01/2023
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#8
 Diethyl Ether
 Concen: 16.935 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 74575
 Ion Ratio Lower Upper
 74 100
 45 70.8 34.4 103.3





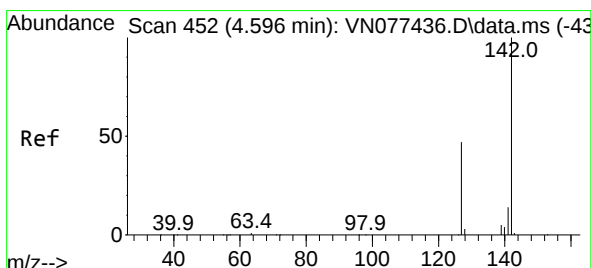
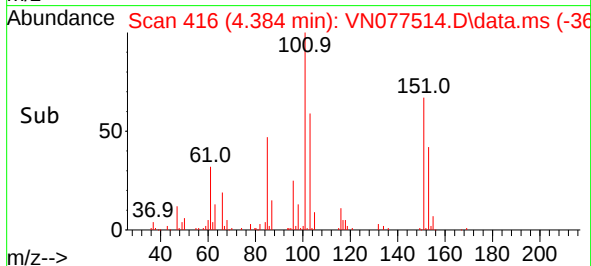
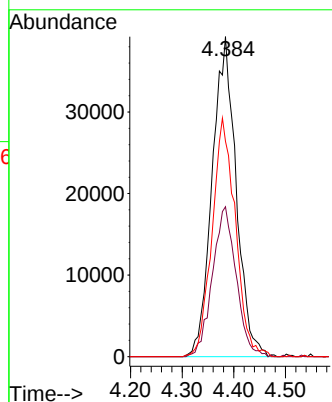
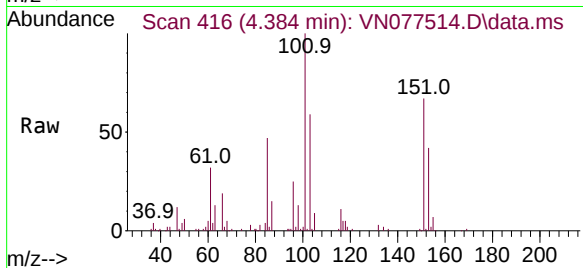
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.939 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:101 Resp: 12643
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 72.5 57.6 86.4

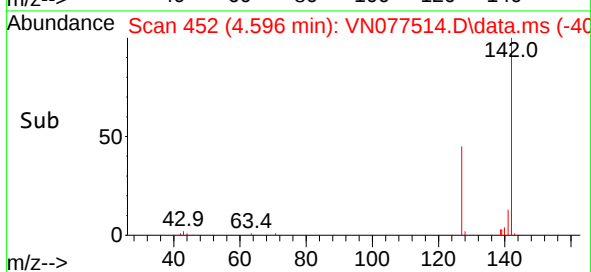
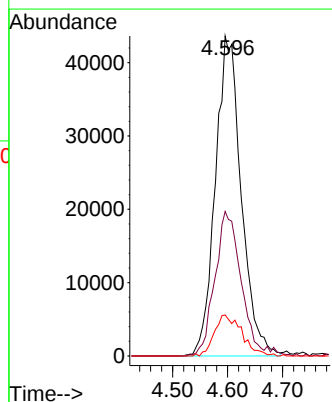
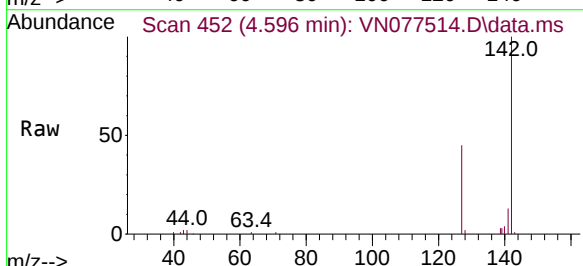
Manual Integrations
APPROVED

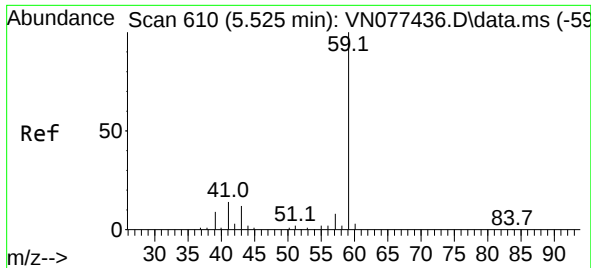
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 16.478 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

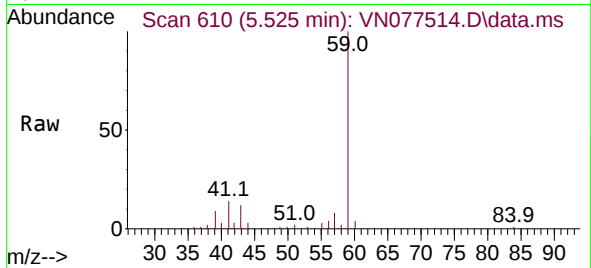
Tgt Ion:142 Resp: 142680
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 12.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 74.290 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

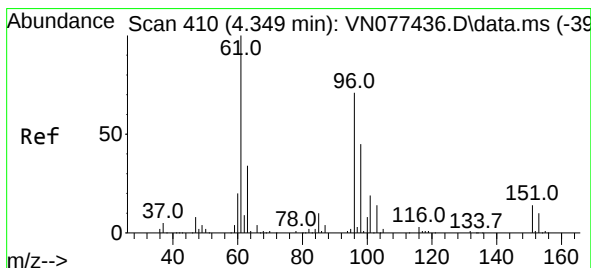
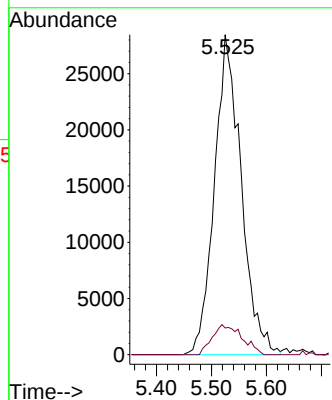
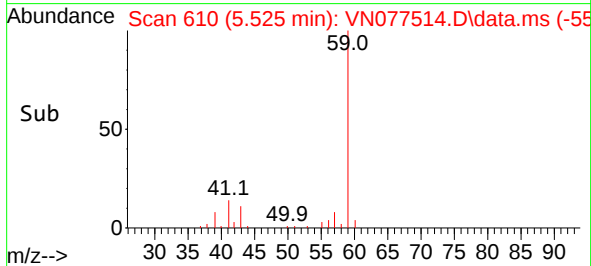
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



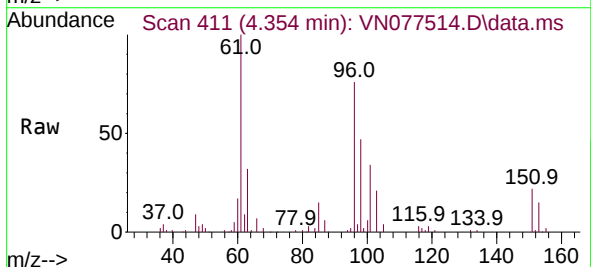
Tgt Ion: 59 Resp: 96088
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

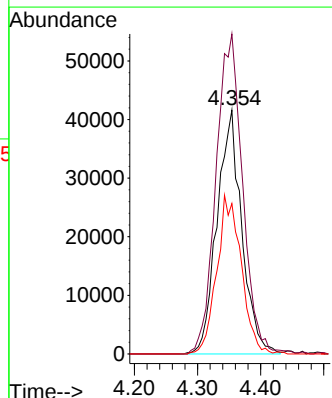
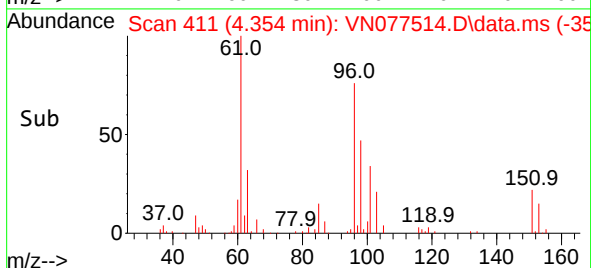
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

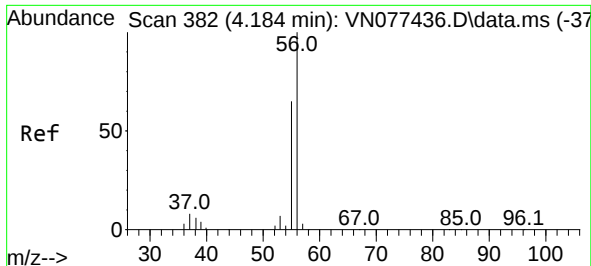


#12
1,1-Dichloroethene
Concen: 16.428 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



Tgt Ion: 96 Resp: 113193
Ion Ratio Lower Upper
96 100
61 131.2 112.7 169.1
98 61.7 51.2 76.8





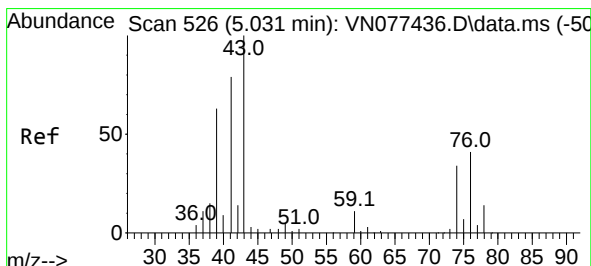
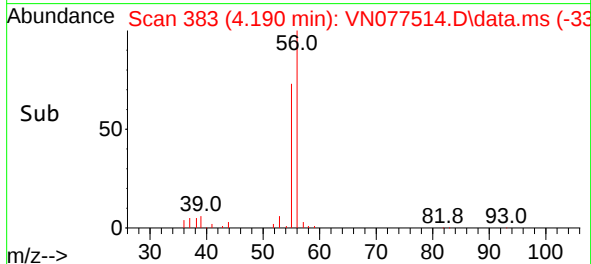
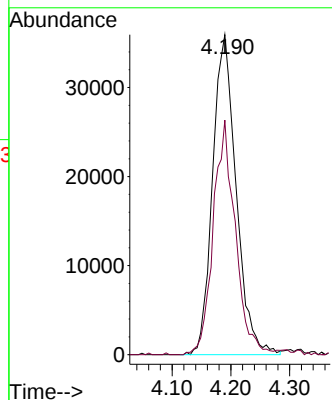
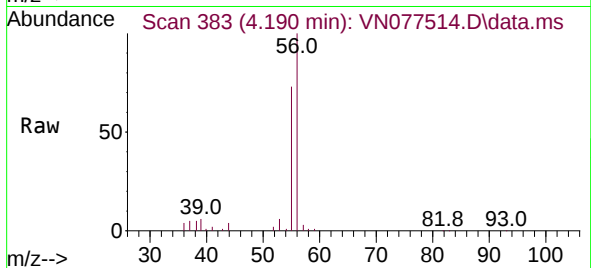
#13
Acrolein
Concen: 77.629 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 56 Resp: 9988
Ion Ratio Lower Upper
56 100
55 68.7 54.5 81.7

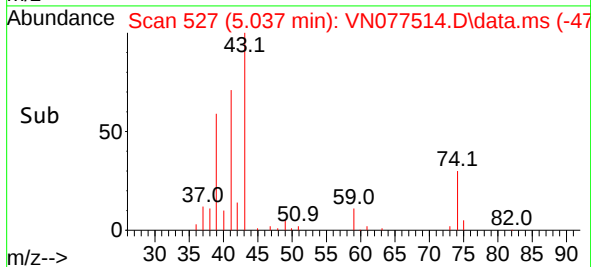
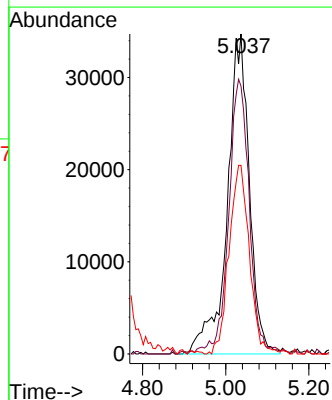
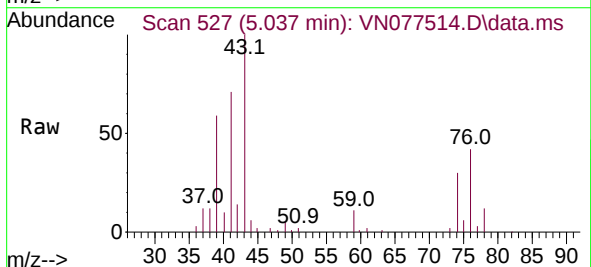
Manual Integrations
APPROVED

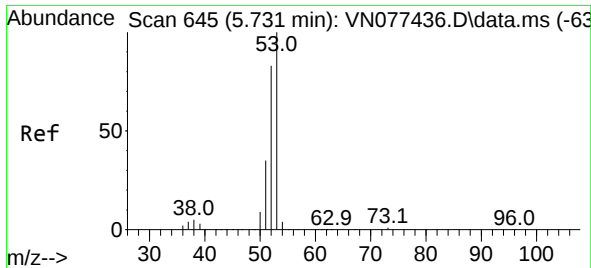
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Allyl chloride
Concen: 16.794 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

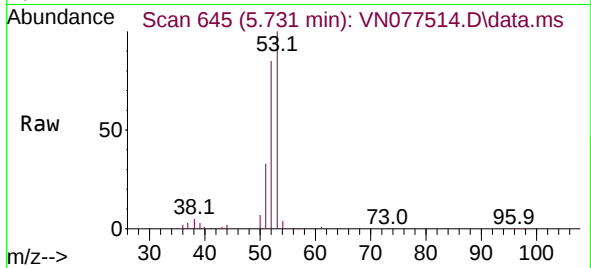
Tgt Ion: 41 Resp: 128652
Ion Ratio Lower Upper
41 100
39 78.9 58.8 88.2
76 54.0 39.1 58.7





#15
Acrylonitrile
Concen: 80.710 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

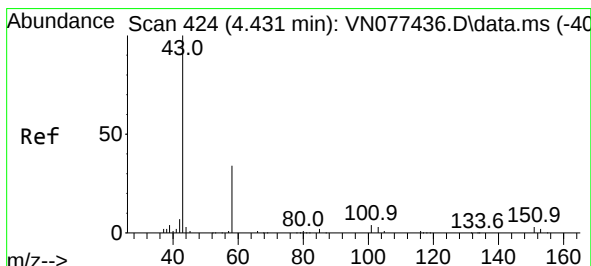
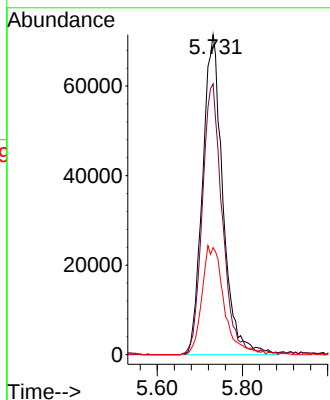
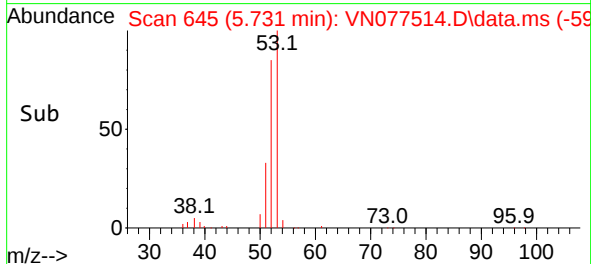
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



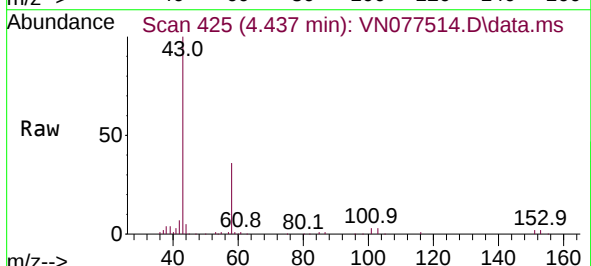
Tgt Ion: 53 Resp: 23681
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 37.0 28.9 43.3

Manual Integrations
APPROVED

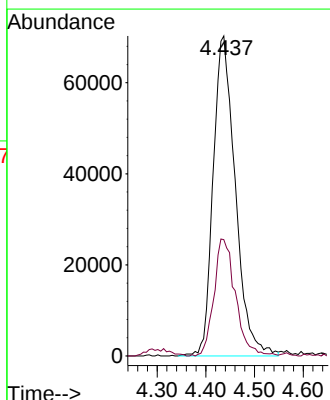
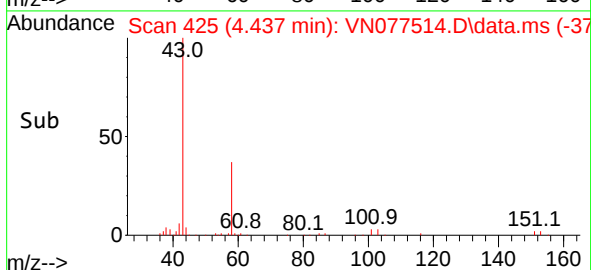
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

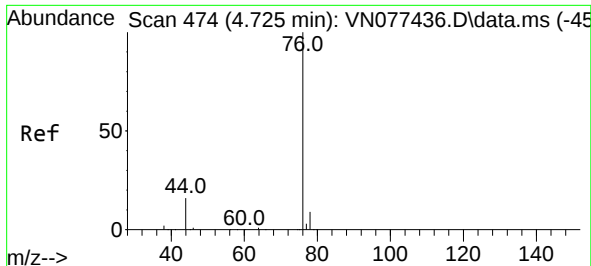


#16
Acetone
Concen: 86.585 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



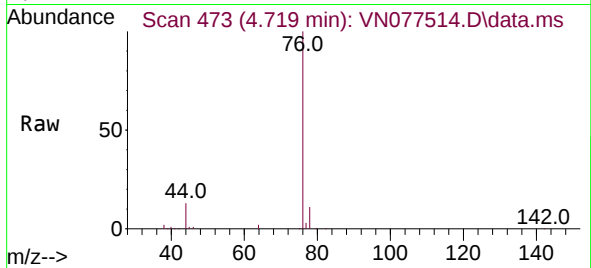
Tgt Ion: 43 Resp: 221938
Ion Ratio Lower Upper
43 100
58 36.1 28.0 42.0





#17
Carbon Disulfide
Concen: 15.418 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

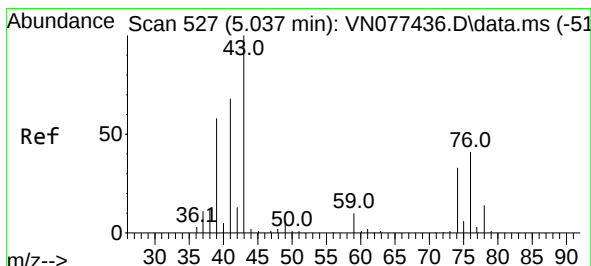
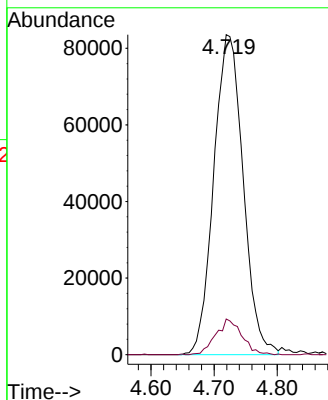
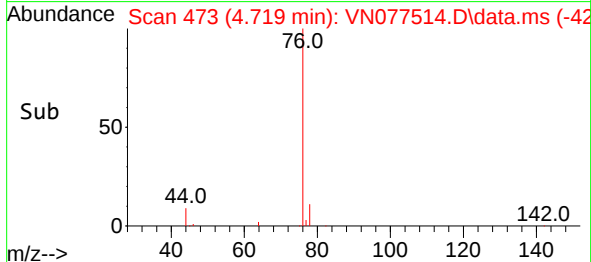
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



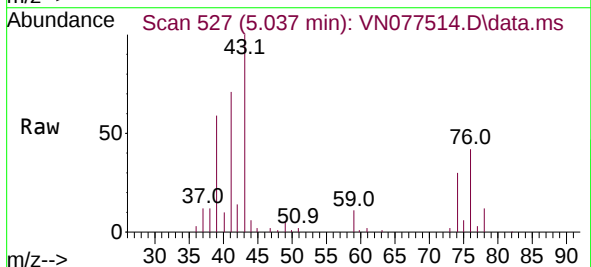
Tgt Ion: 76 Resp: 269944
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0

Manual Integrations
APPROVED

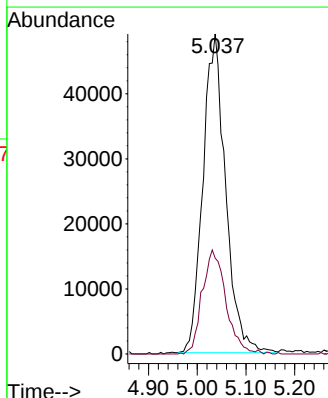
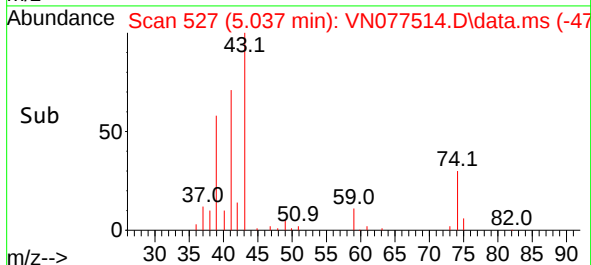
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

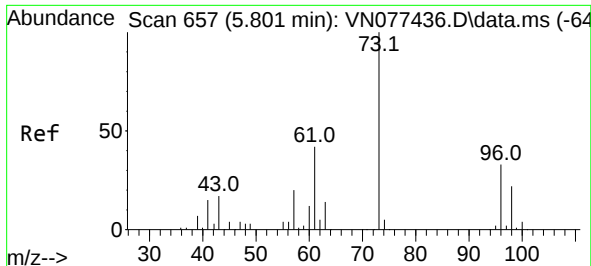


#18
Methyl Acetate
Concen: 16.008 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



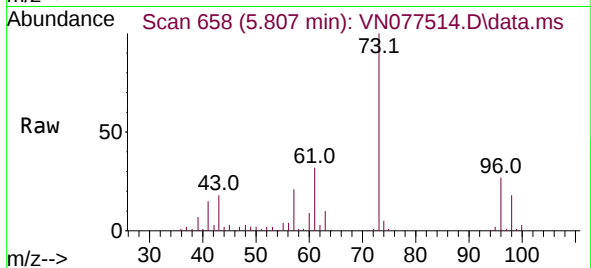
Tgt Ion: 43 Resp: 158453
Ion Ratio Lower Upper
43 100
74 34.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 17.405 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

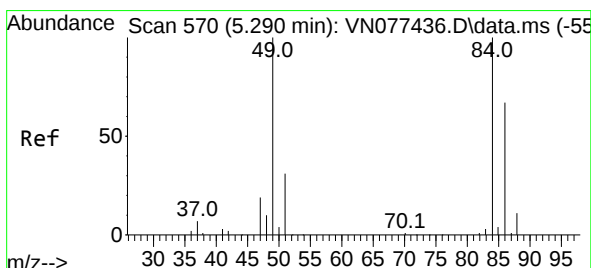
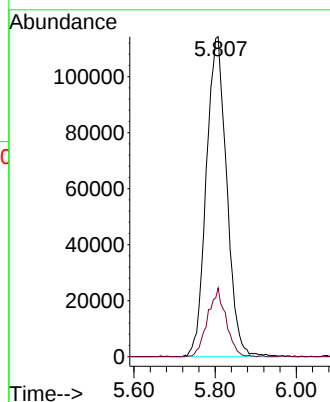
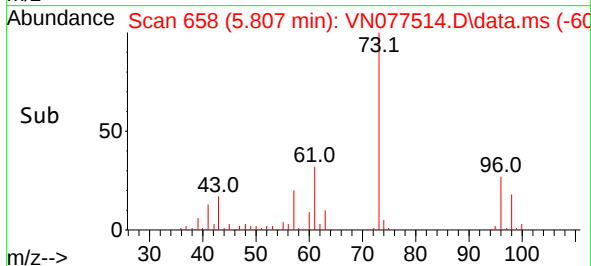
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



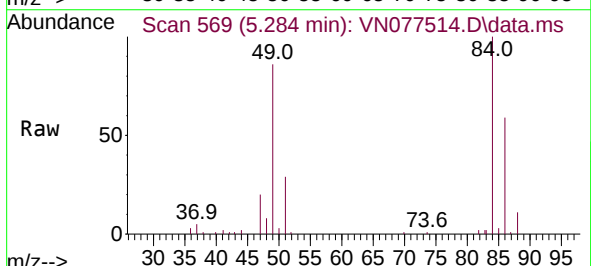
Tgt Ion: 73 Resp: 398830
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4

Manual Integrations
APPROVED

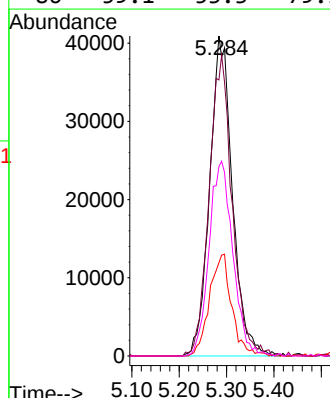
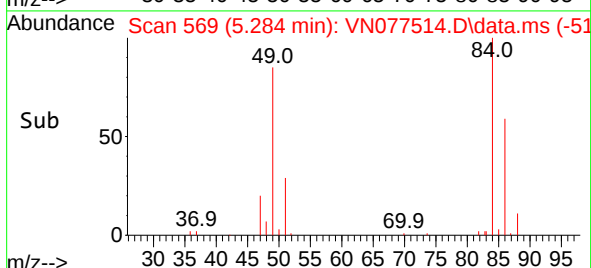
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

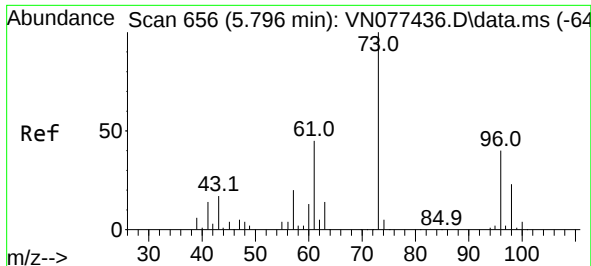


#20
Methylene Chloride
Concen: 16.795 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



Tgt Ion: 84 Resp: 136521
Ion Ratio Lower Upper
84 100
49 86.3 79.7 119.5
51 29.1 25.2 37.8
86 59.1 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 16.611 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 96 Resp: 12376

Ion Ratio Lower Upper

96 100

61 104.2 90.1 135.1

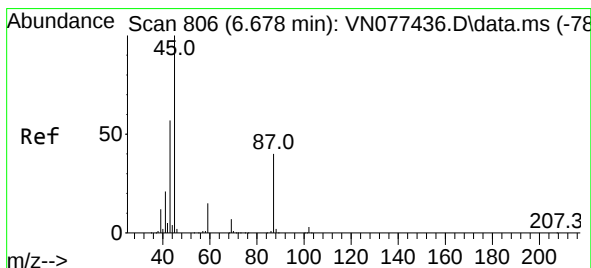
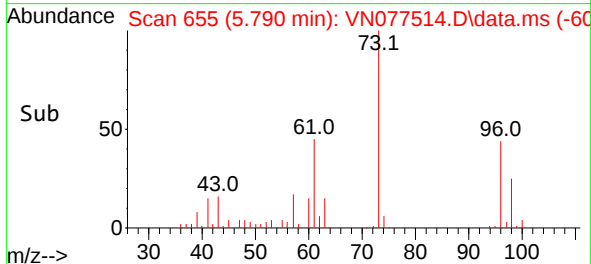
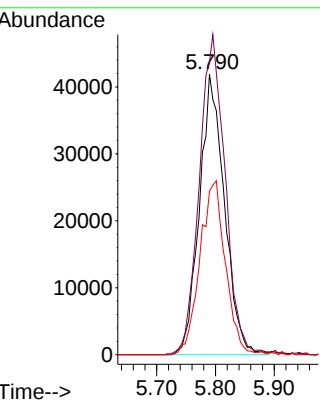
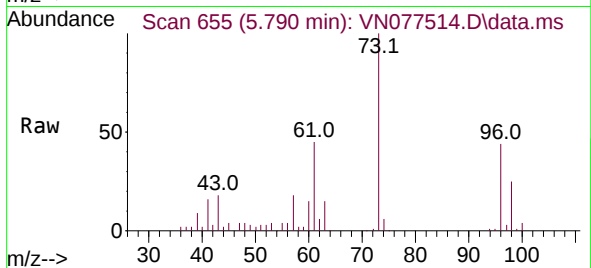
98 57.8 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#22

Diisopropyl ether

Concen: 17.172 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion: 45 Resp: 301918

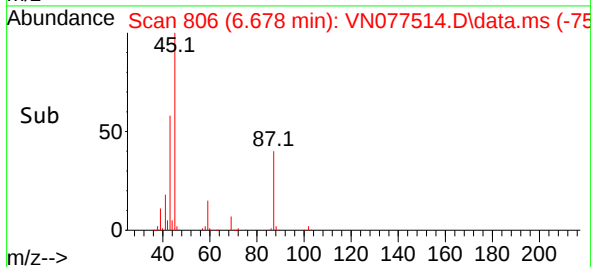
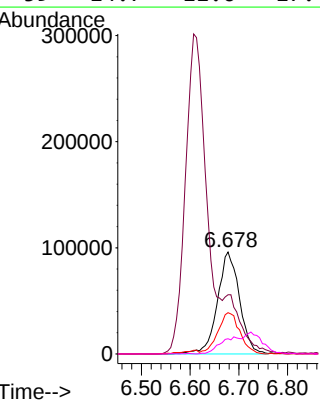
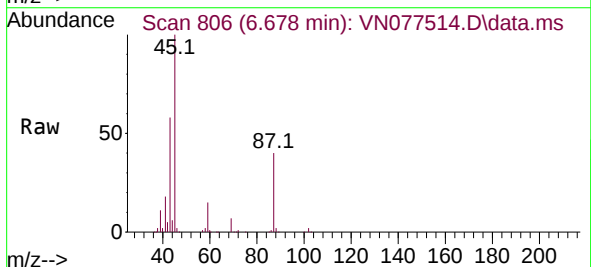
Ion Ratio Lower Upper

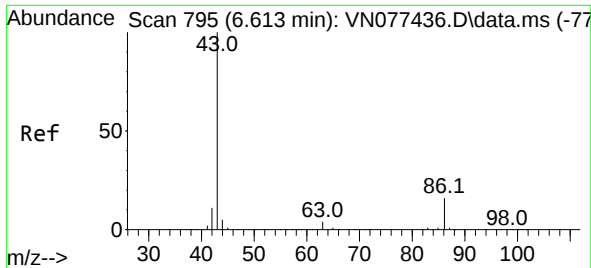
45 100

43 55.1 45.5 68.3

87 40.3 31.8 47.8

59 14.7 11.6 17.4





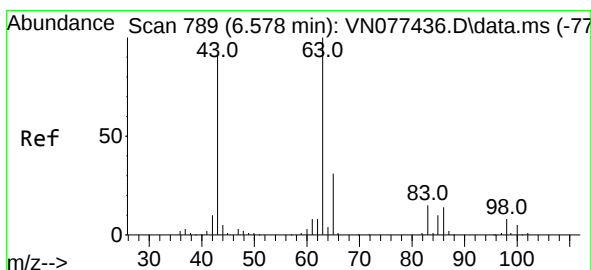
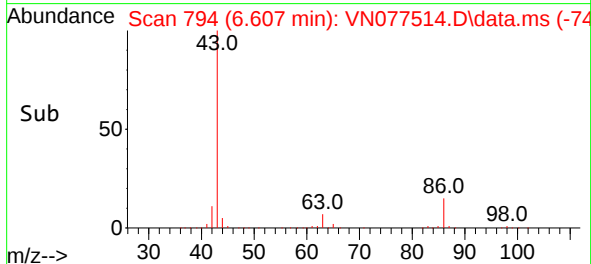
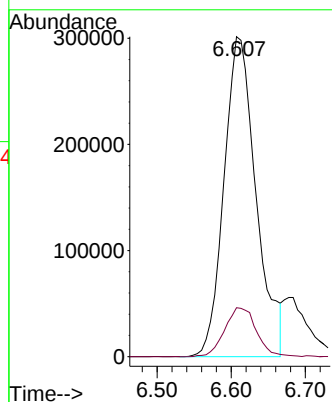
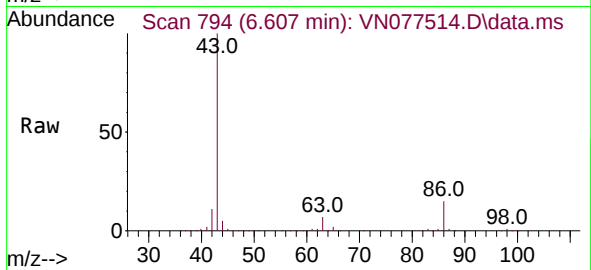
#23
 Vinyl Acetate
 Concen: 82.514 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Tgt Ion: 43 Resp: 90602
 Ion Ratio Lower Upper
 43 100
 86 15.3 13.0 19.6

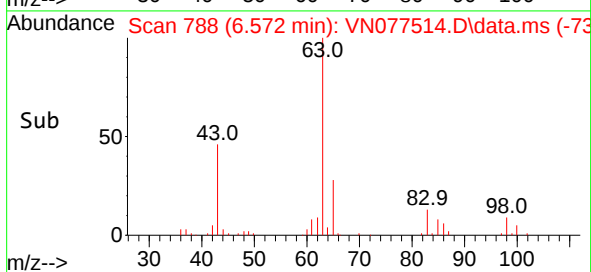
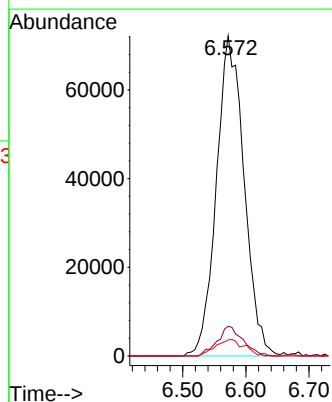
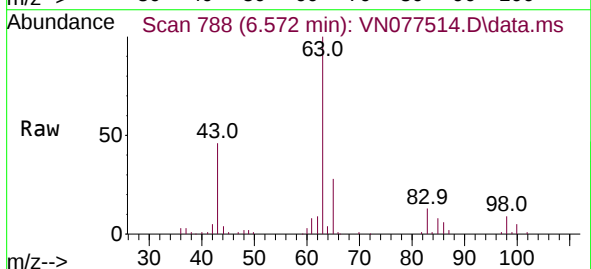
Manual Integrations
 APPROVED

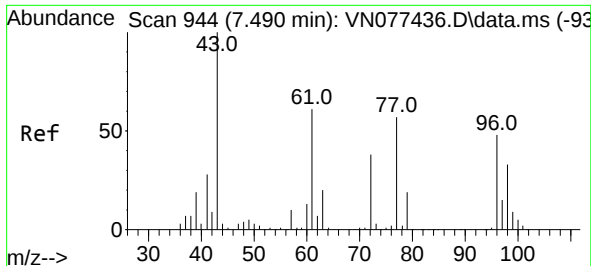
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#24
 1,1-Dichloroethane
 Concen: 17.630 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

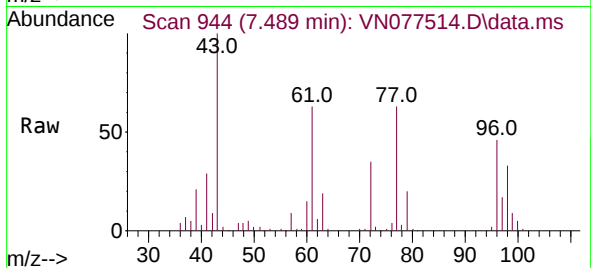
Tgt Ion: 63 Resp: 219408
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 81.245 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

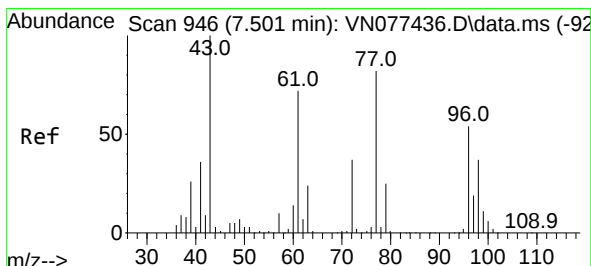
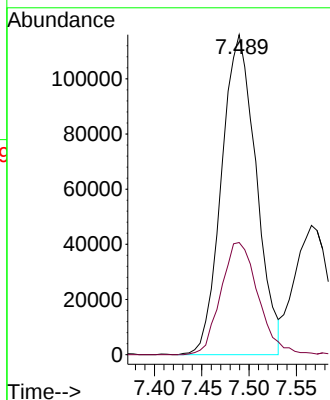
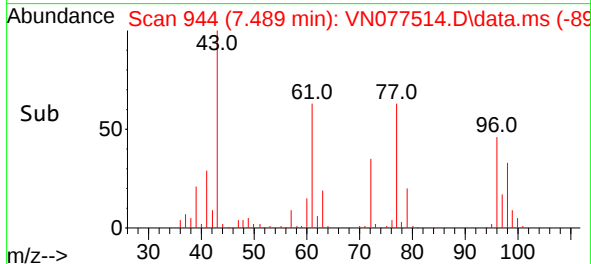
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



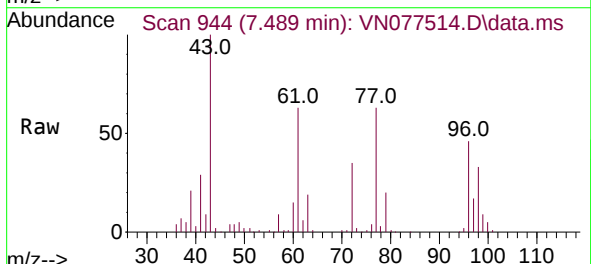
Tgt Ion: 43 Resp: 295360
Ion Ratio Lower Upper
43 100
72 35.1 30.2 45.2

Manual Integrations
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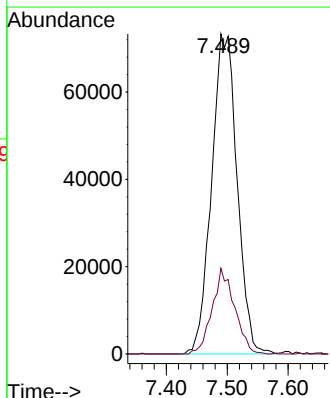
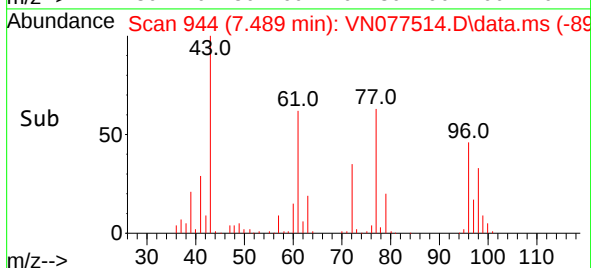
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

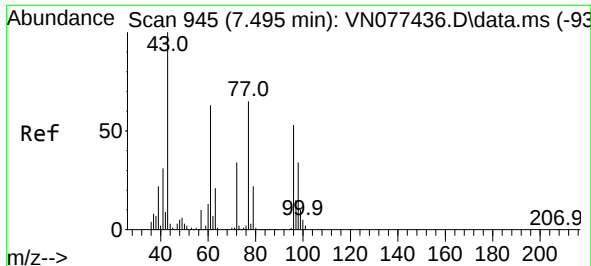


#26
2,2-Dichloropropane
Concen: 17.705 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.012 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



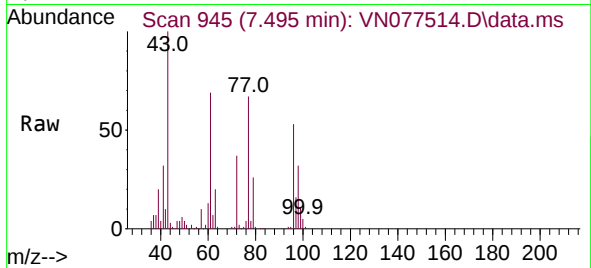
Tgt Ion: 77 Resp: 213661
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.180 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

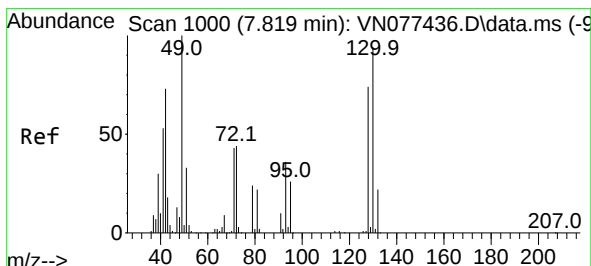
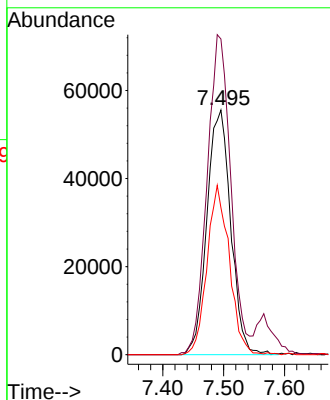
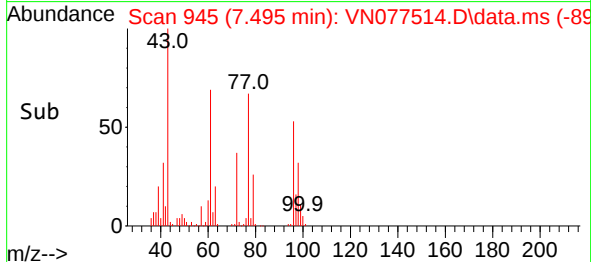
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



Tgt Ion: 96 Resp: 15159
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 255.2
 98 64.4 0.0 128.8

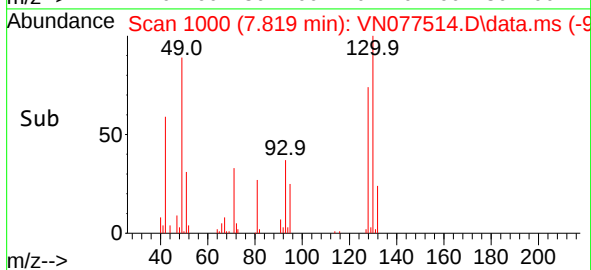
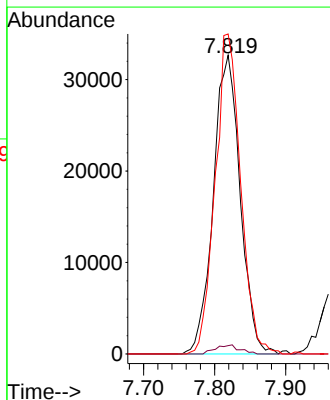
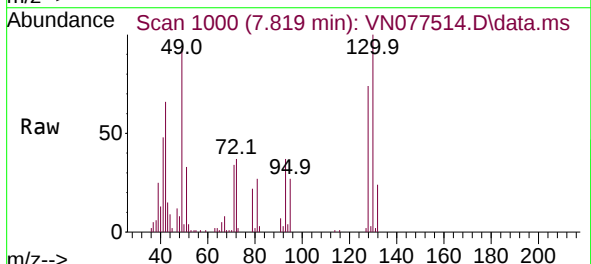
Manual Integrations
 APPROVED

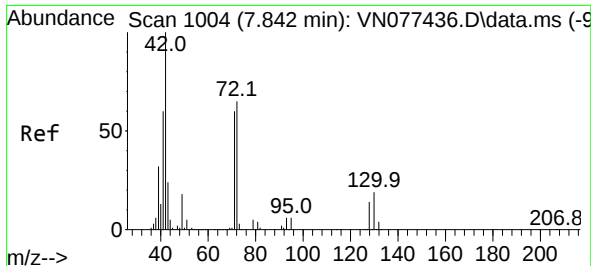
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#28
 Bromochloromethane
 Concen: 18.076 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

Tgt Ion: 49 Resp: 85907
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 101.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 78.110 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077514.D

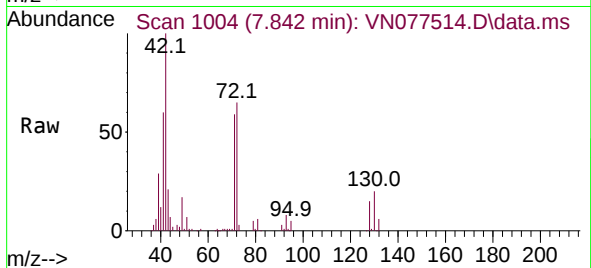
Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

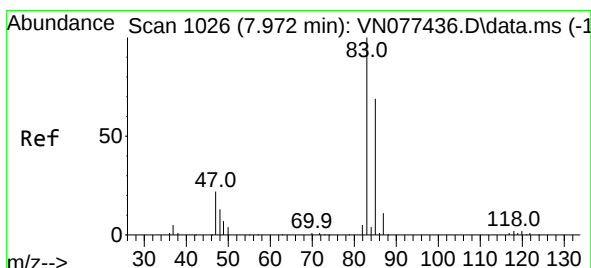
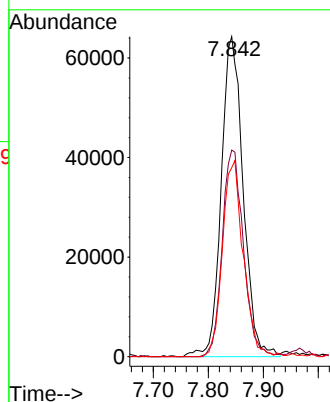
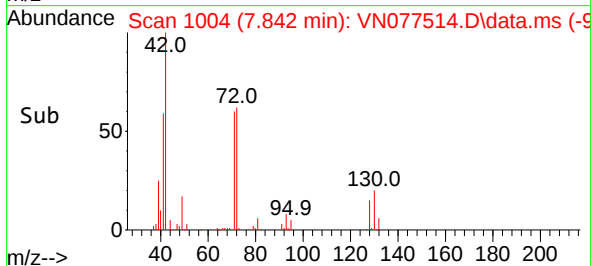
VN0429WBS01



Tgt Ion:	42	Resp:	17792
Ion Ratio	Lower	Upper	
42	100		
72	62.5	49.8	74.6
71	58.2	47.4	71.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 18.145 ug/l

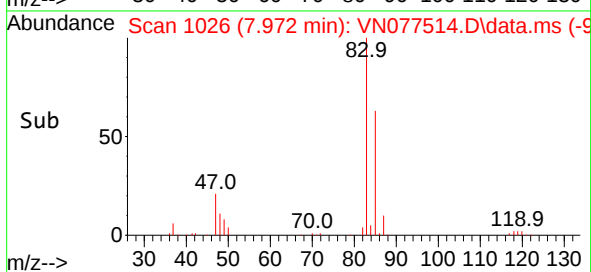
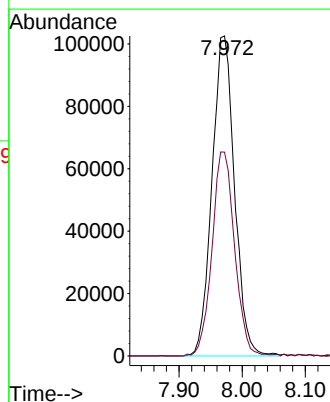
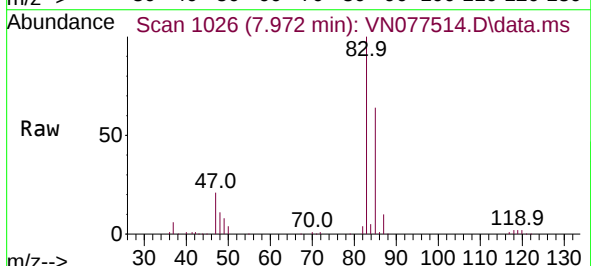
RT: 7.972 min Scan# 1026

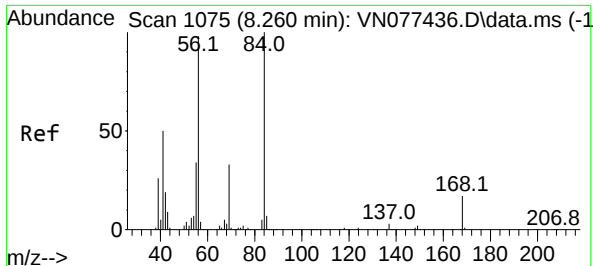
Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

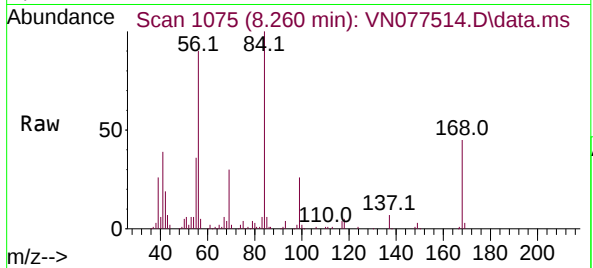
Tgt Ion:	83	Resp:	254501
Ion Ratio	Lower	Upper	
83	100		
85	63.7	55.4	83.0





#31
Cyclohexane
Concen: 16.632 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

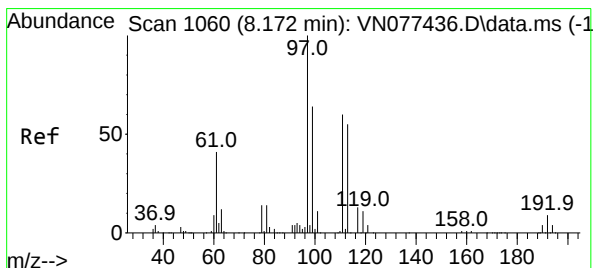
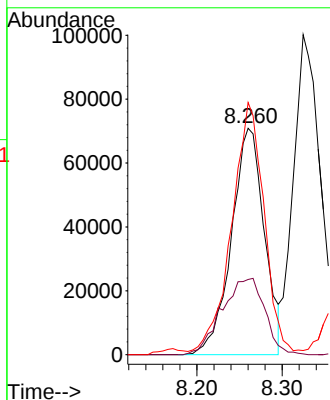
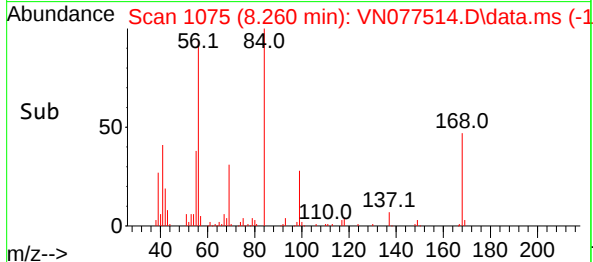
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 56 Resp: 189829
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 109.5 81.8 122.6

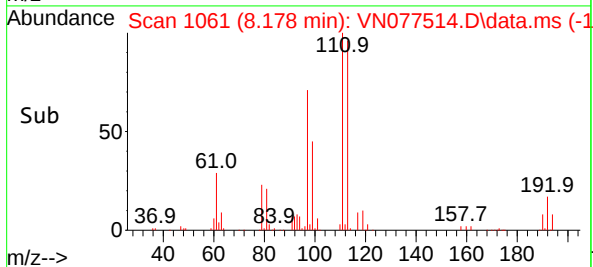
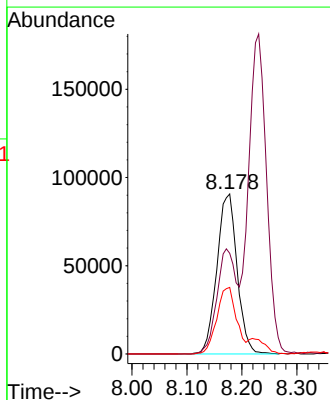
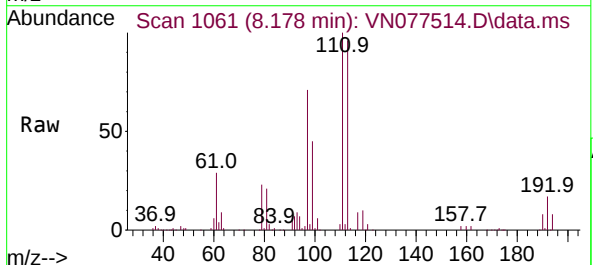
Manual Integrations
APPROVED

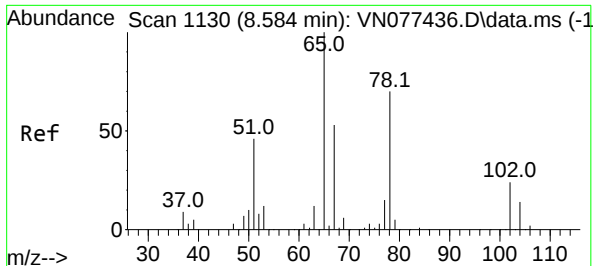
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 18.005 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion: 97 Resp: 232172
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 40.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.631 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 65 Resp: 38375

Ion Ratio Lower Upper

65 100

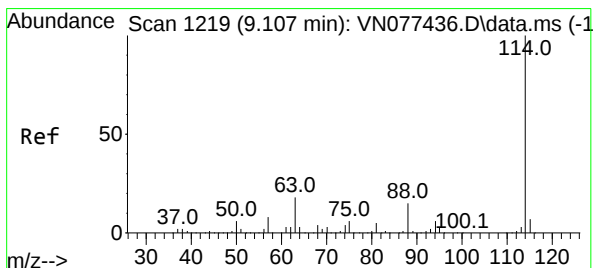
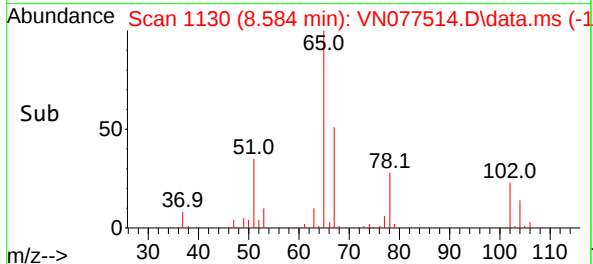
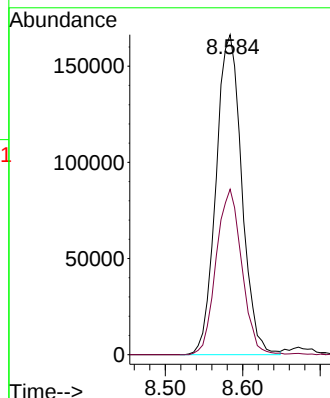
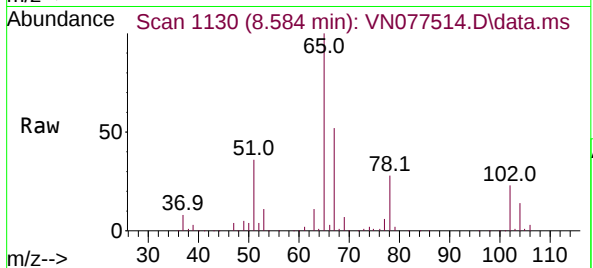
67 51.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

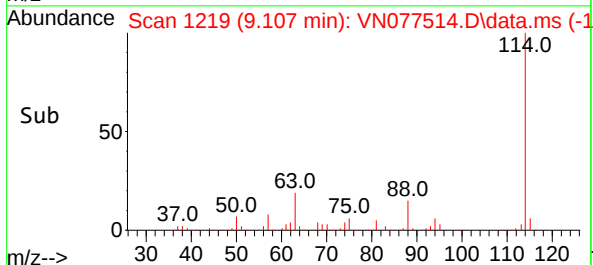
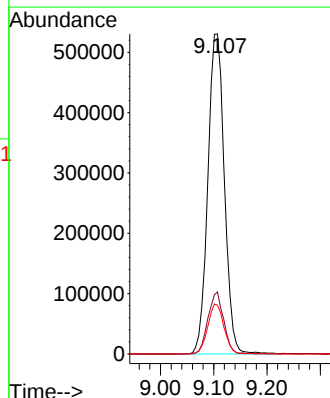
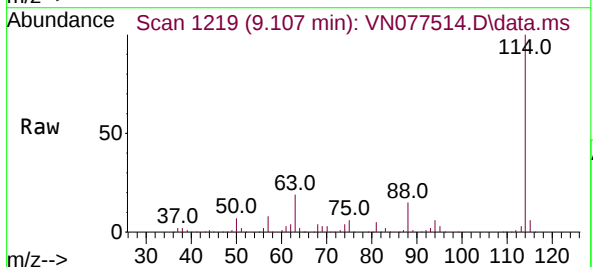
Tgt Ion:114 Resp: 1143877

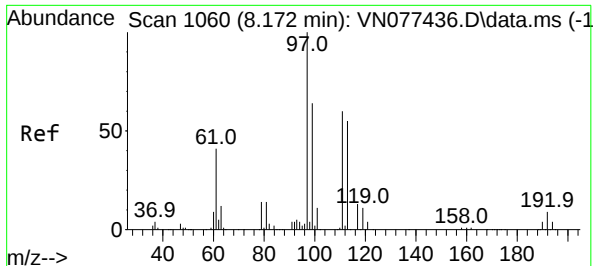
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

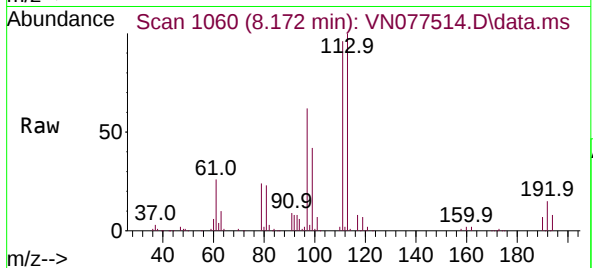
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.271 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

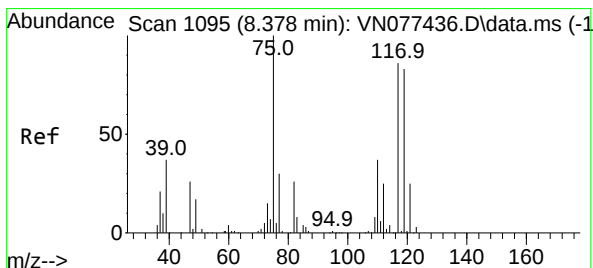
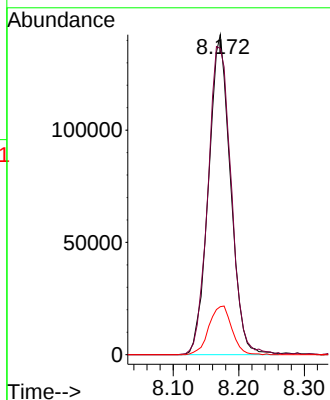
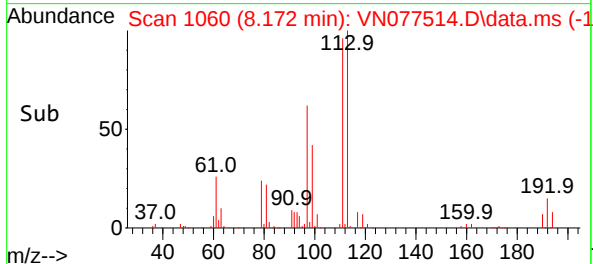
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 113 Resp: 33187
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 15.8 12.7 19.1

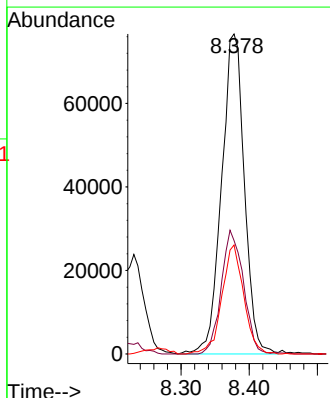
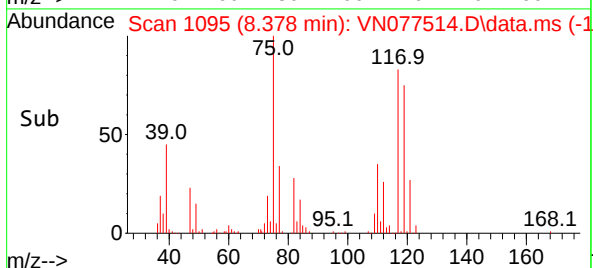
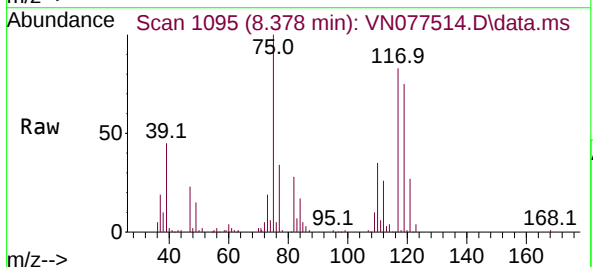
Manual Integrations
APPROVED

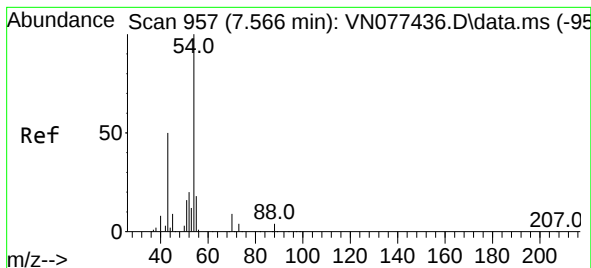
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#36
1,1-Dichloropropene
Concen: 17.967 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion: 75 Resp: 178463
Ion Ratio Lower Upper
75 100
110 37.6 19.1 57.3
77 32.7 25.0 37.4





#37

Ethyl Acetate

Concen: 16.145 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077514.D

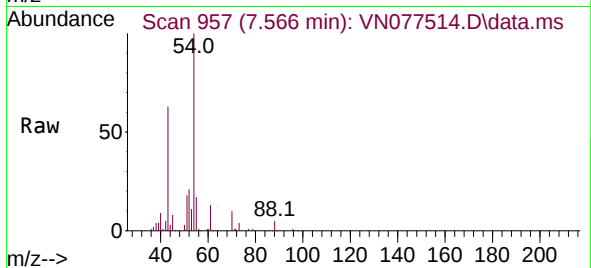
Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

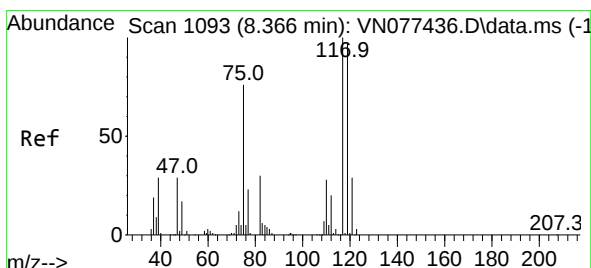
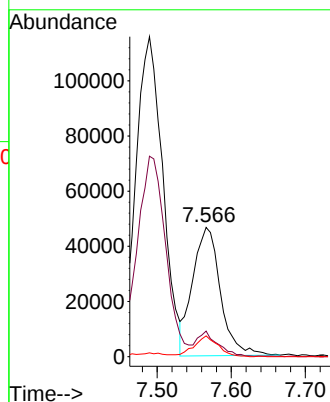
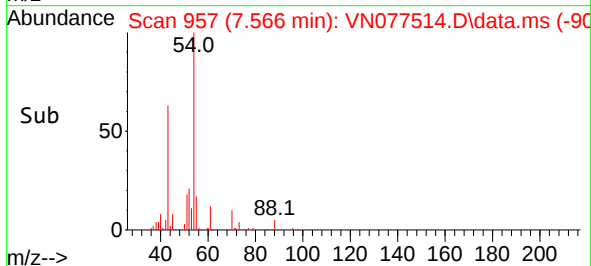


Tgt Ion: 43 Resp: 121850

Ion	Ratio	Lower	Upper
43	100		
61	15.1	13.2	19.8
70	14.1	11.3	16.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38

Carbon Tetrachloride

Concen: 18.184 ug/l

RT: 8.366 min Scan# 1093

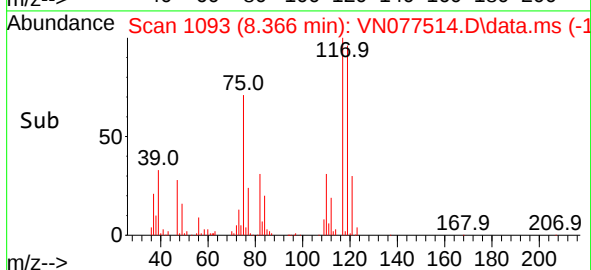
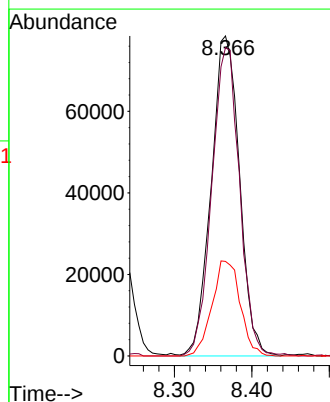
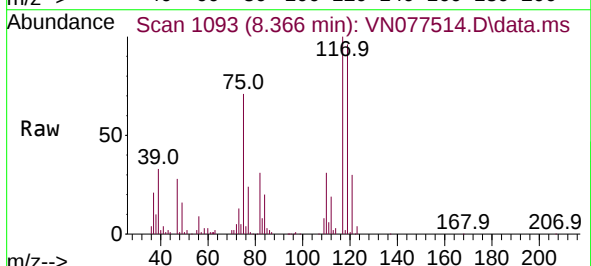
Delta R.T. -0.000 min

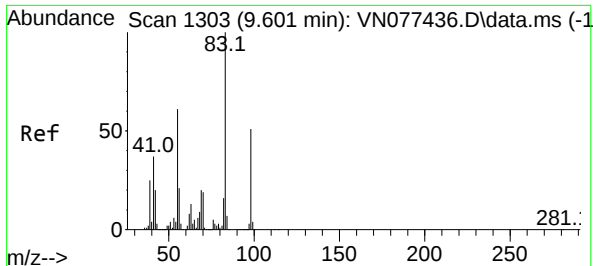
Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion: 117 Resp: 199275

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
121	29.6	23.3	34.9





#39

Methylcyclohexane

Concen: 17.423 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077514.D

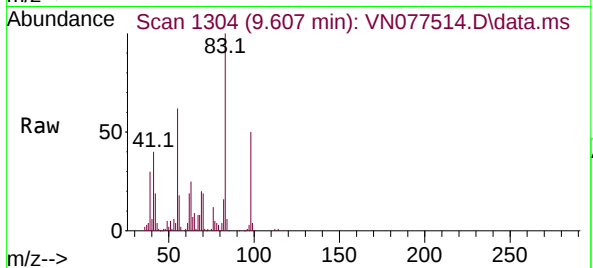
Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01



Tgt Ion: 83 Resp: 228000

Ion Ratio Lower Upper

83 100

55 62.1 49.1 73.7

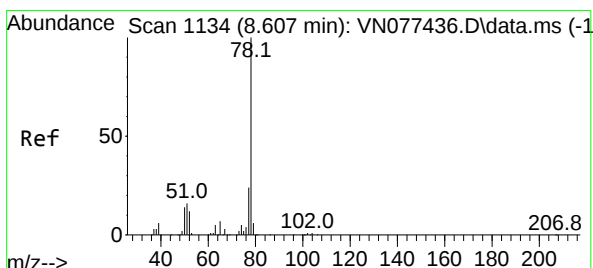
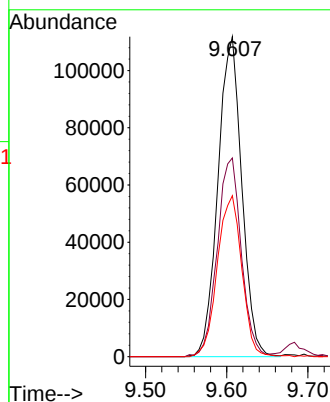
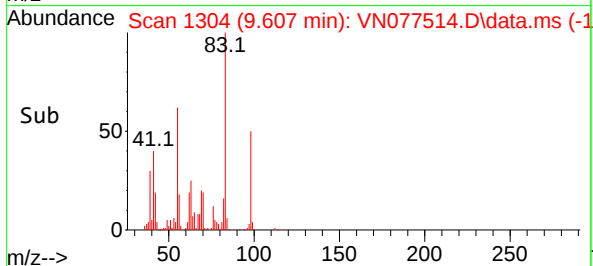
98 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 17.809 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077514.D

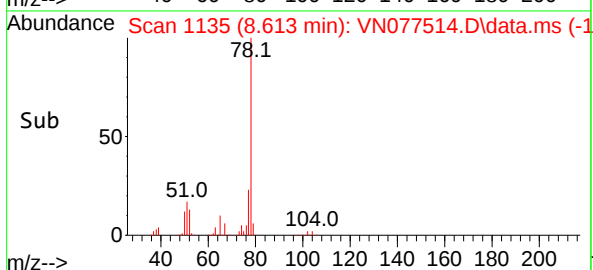
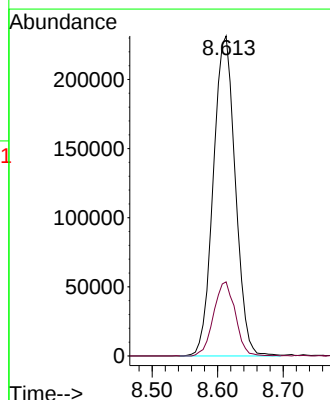
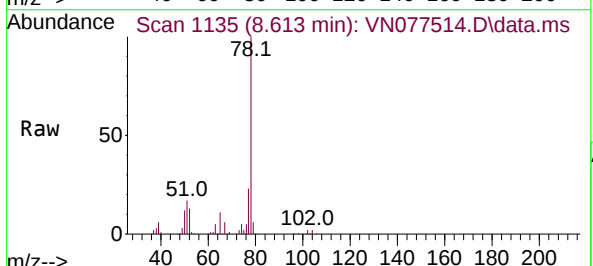
Acq: 29 Apr 2023 13:02

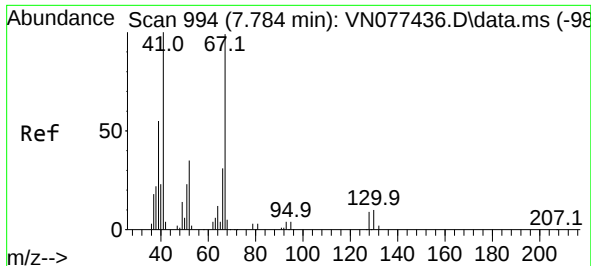
Tgt Ion: 78 Resp: 538881

Ion Ratio Lower Upper

78 100

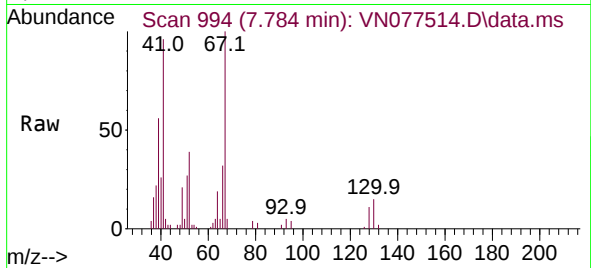
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 16.632 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

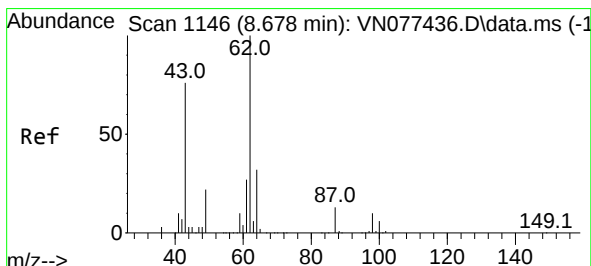
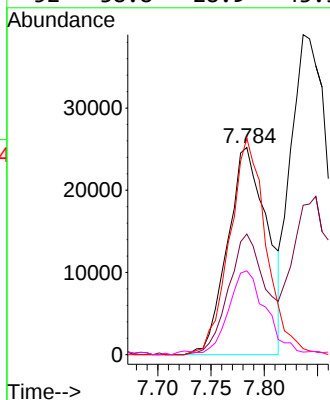
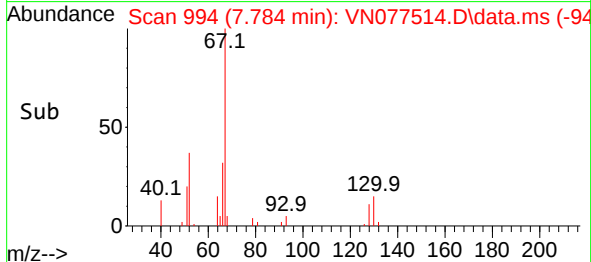
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



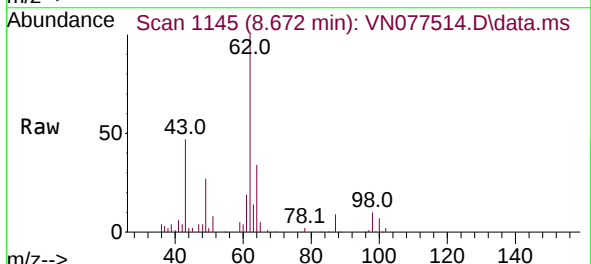
Tgt Ion: 41 Resp: 6538
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 96.6 77.5 116.3
52 38.8 28.9 43.3

Manual Integrations
APPROVED

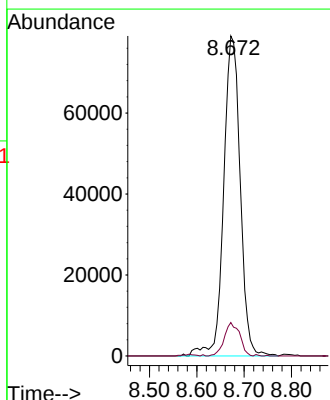
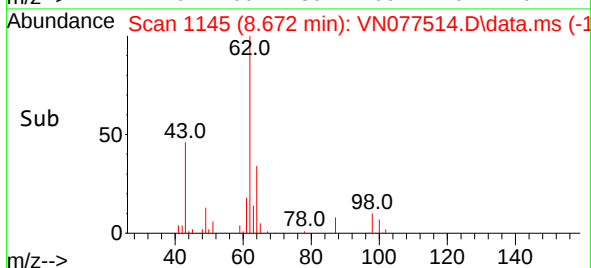
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

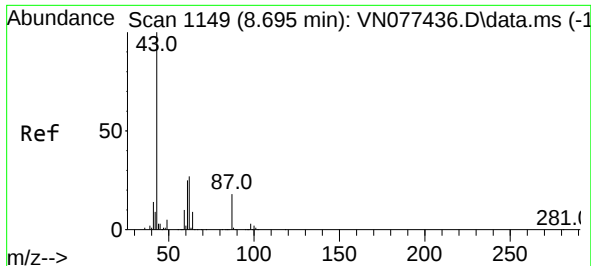


#42
1,2-Dichloroethane
Concen: 18.459 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



Tgt Ion: 62 Resp: 191845
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.238 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077514.D

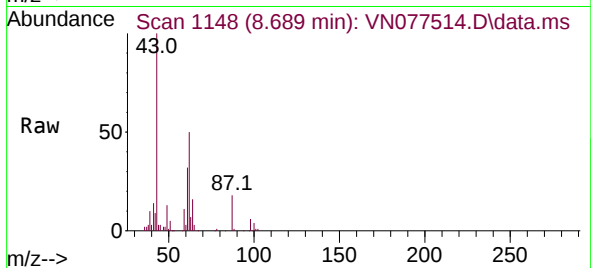
Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01



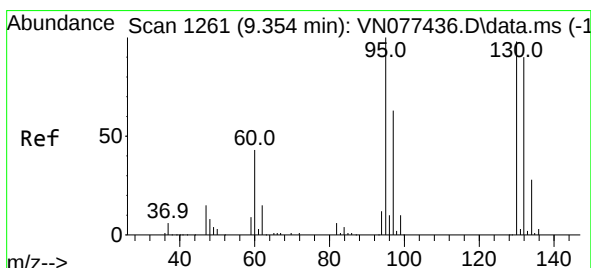
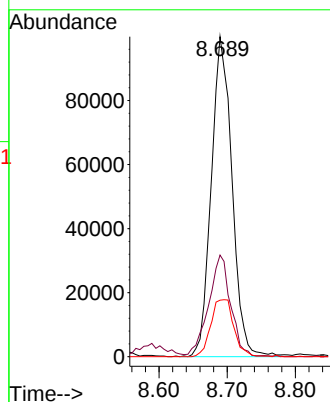
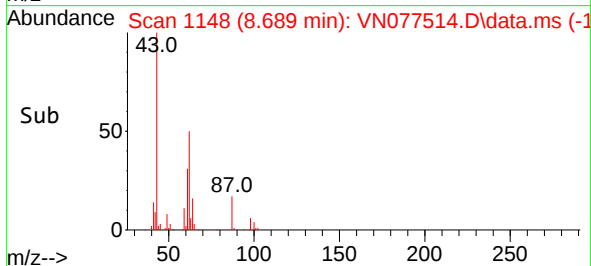
Tgt Ion:	43	Resp:	212024
Ion	Ratio	Lower	Upper
43	100		
61	33.9	24.7	37.1
87	19.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#44

Trichloroethene

Concen: 18.275 ug/l

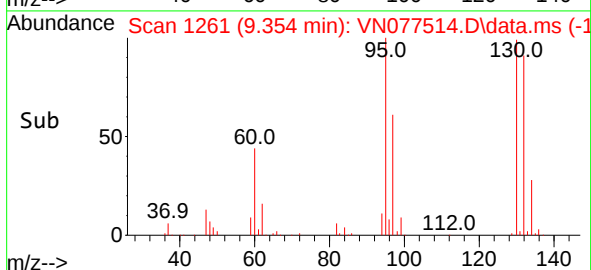
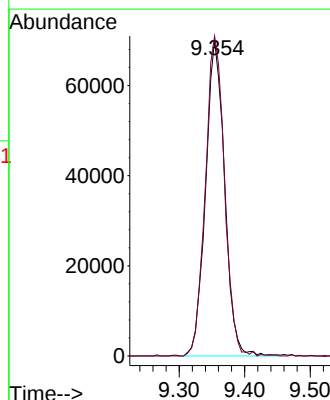
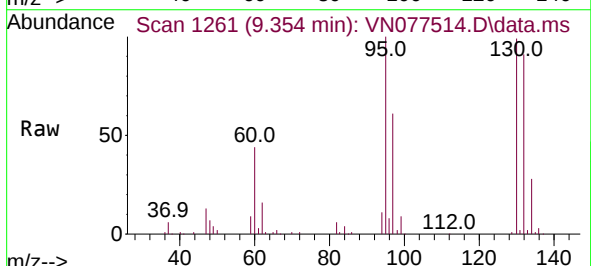
RT: 9.354 min Scan# 1261

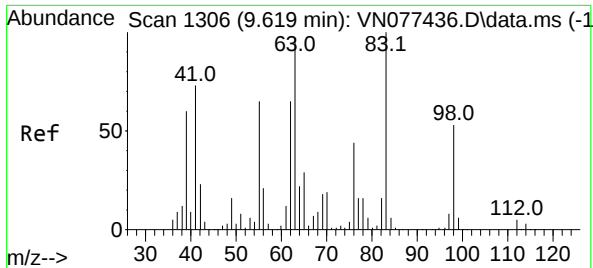
Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

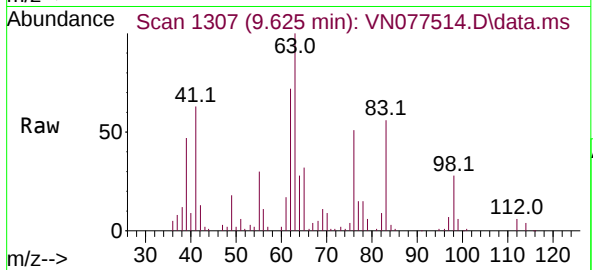
Tgt Ion:	130	Resp:	141586
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	204.6





#45
1,2-Dichloropropane
Concen: 17.771 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

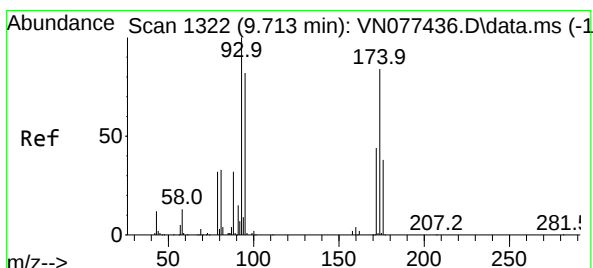
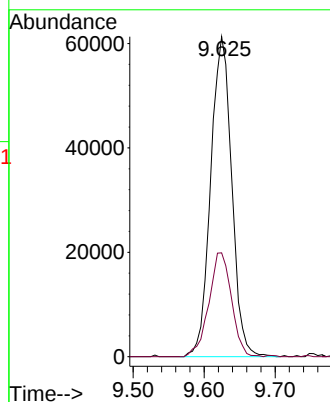
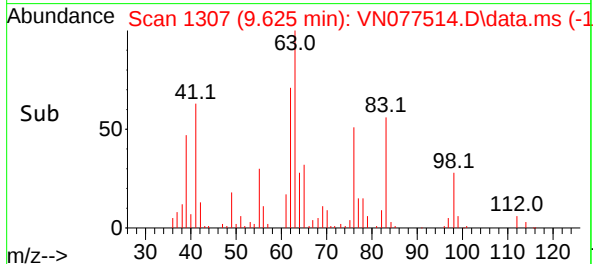
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



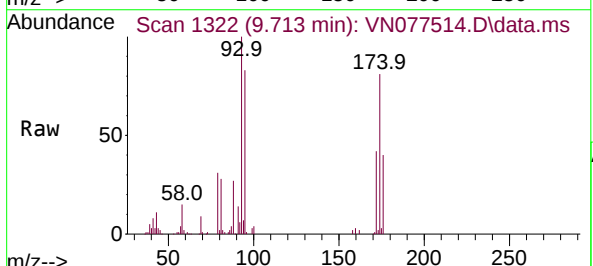
Tgt Ion: 63 Resp: 125960
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9

Manual Integrations
APPROVED

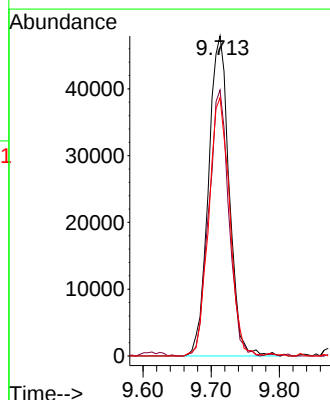
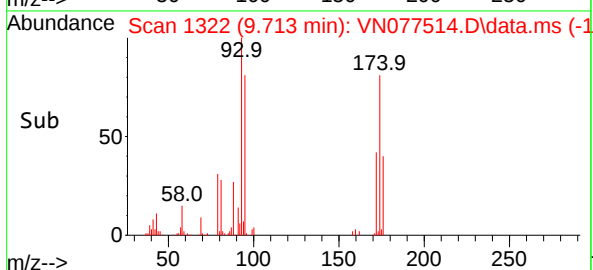
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

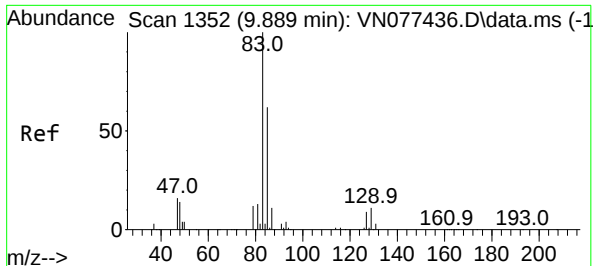


#46
Dibromomethane
Concen: 17.607 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



Tgt Ion: 93 Resp: 101262
Ion Ratio Lower Upper
93 100
95 80.7 63.8 95.8
174 81.4 65.6 98.4





#47

Bromodichloromethane

Concen: 17.796 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 83 Resp: 197980

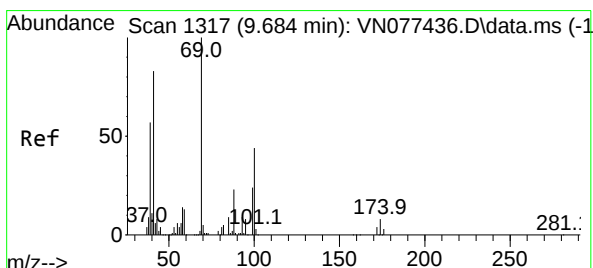
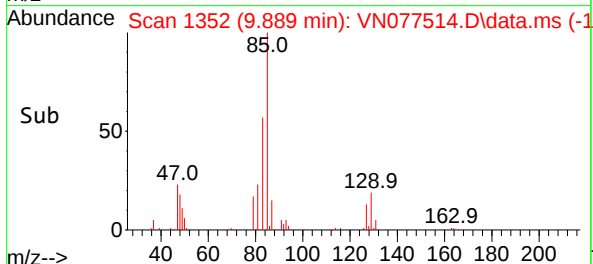
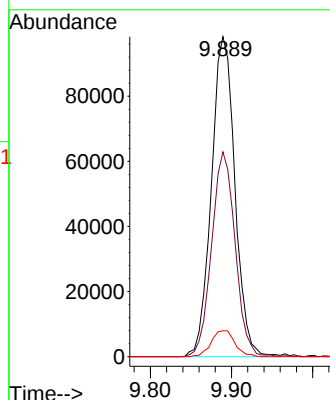
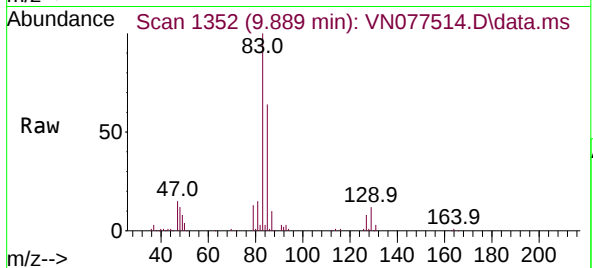
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.6	74.4
127	8.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#48

Methyl methacrylate

Concen: 15.836 ug/l

RT: 9.678 min Scan# 1316

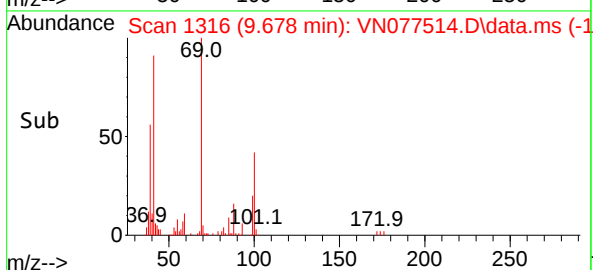
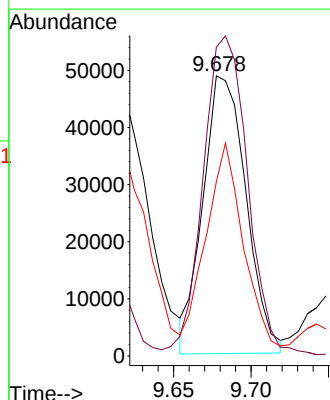
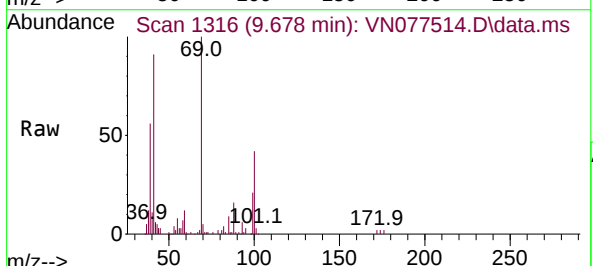
Delta R.T. -0.006 min

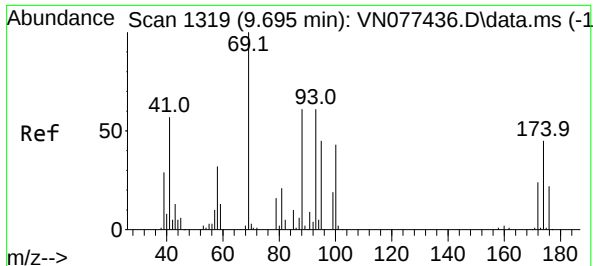
Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion: 41 Resp: 94124

Ion	Ratio	Lower	Upper
41	100		
69	118.4	90.4	135.6
39	67.7	54.6	81.8





#49

1,4-Dioxane

Concen: 325.515 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 88 Resp: 48530

Ion Ratio Lower Upper

88 100

43 19.5 17.0 25.6

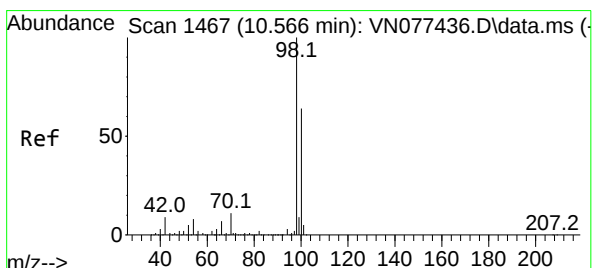
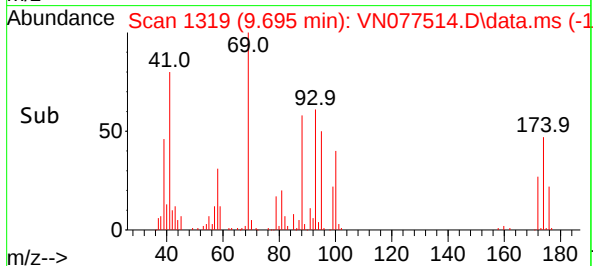
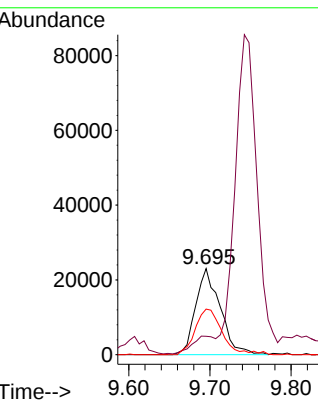
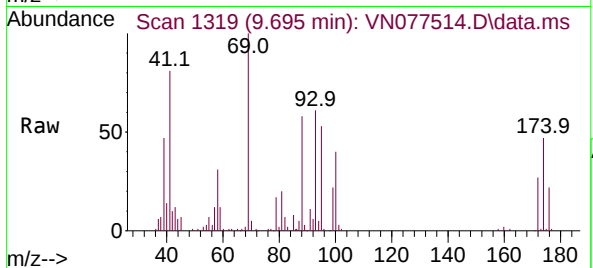
58 58.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 48.478 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077514.D

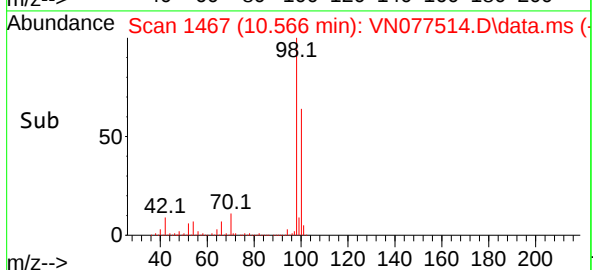
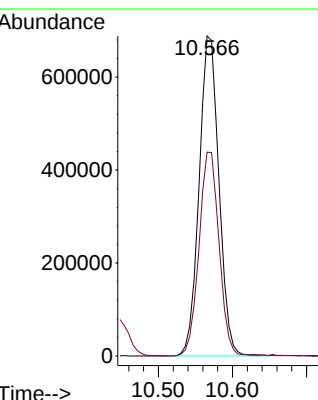
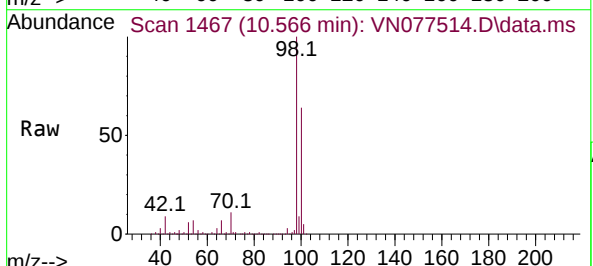
Acq: 29 Apr 2023 13:02

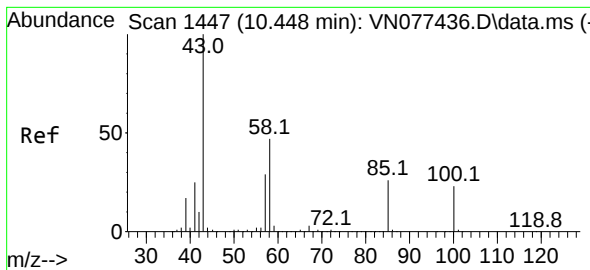
Tgt Ion: 98 Resp: 1277397

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





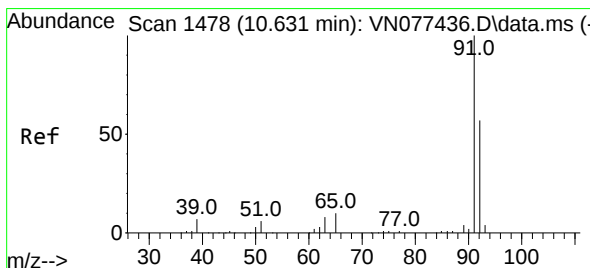
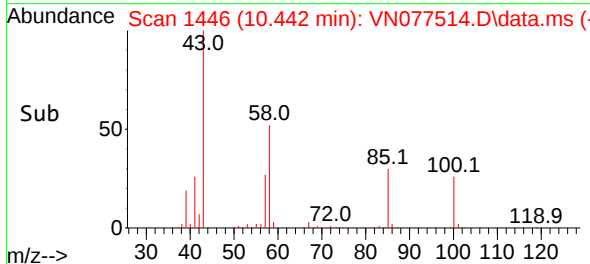
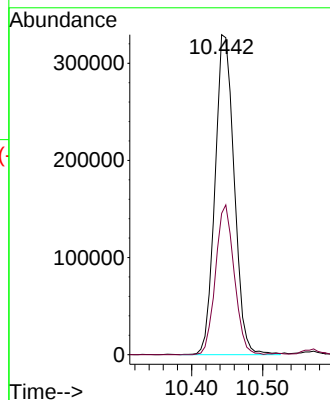
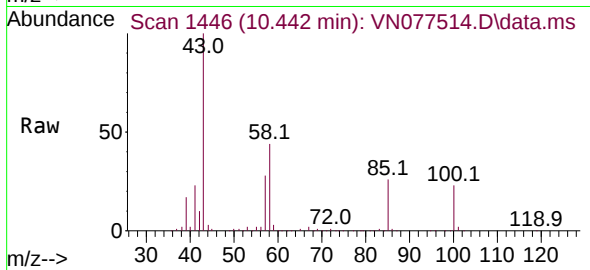
#51
4-Methyl-2-Pentanone
Concen: 80.499 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 43 Resp: 616524
Ion Ratio Lower Upper
43 100
58 45.6 36.6 54.8

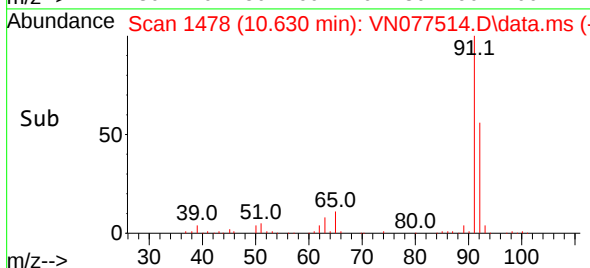
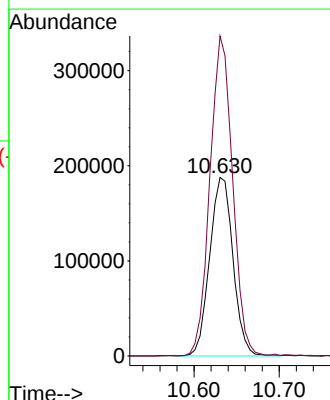
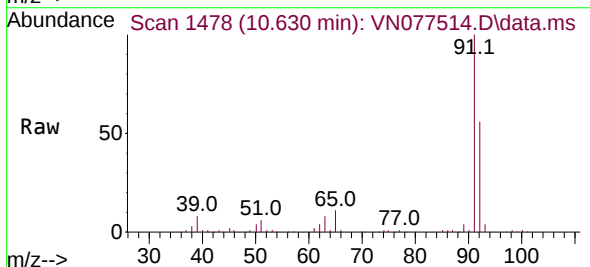
Manual Integrations
APPROVED

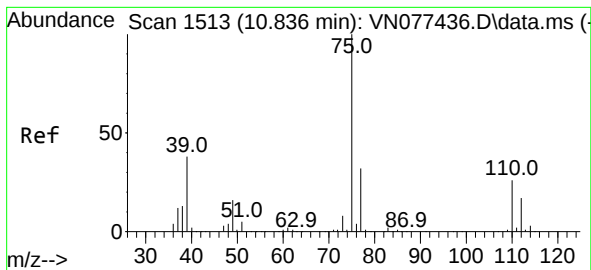
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 18.017 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

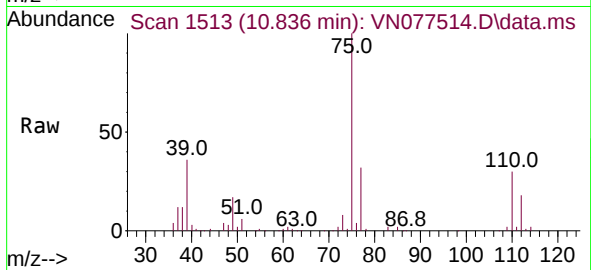
Tgt Ion: 92 Resp: 357136
Ion Ratio Lower Upper
92 100
91 174.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.554 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

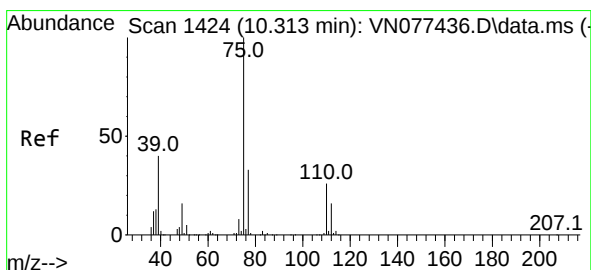
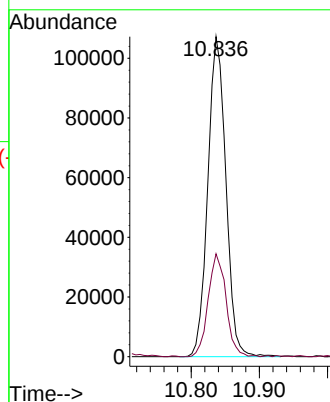
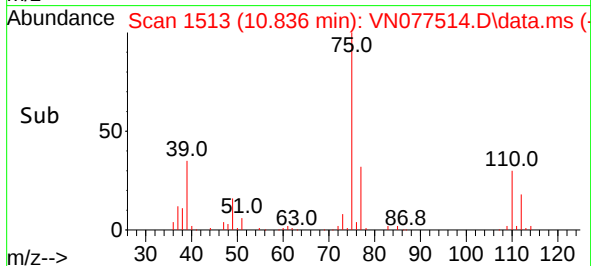
Instrument : MSVOA_N
ClientSampleId : VN0429WBS01



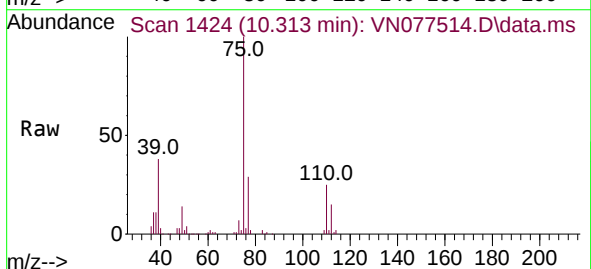
Tgt Ion: 75 Resp: 197748
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

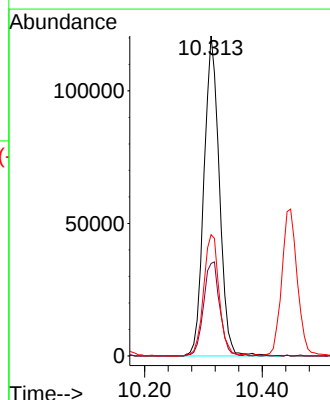
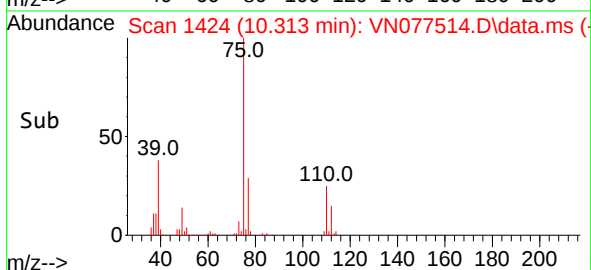
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

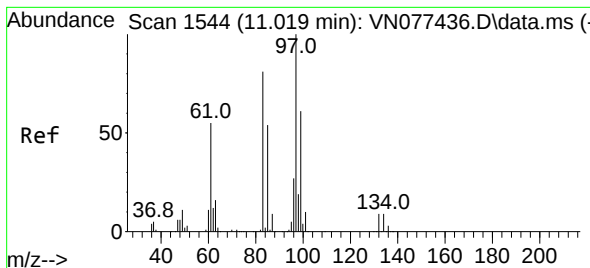


#54
cis-1,3-Dichloropropene
Concen: 17.883 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



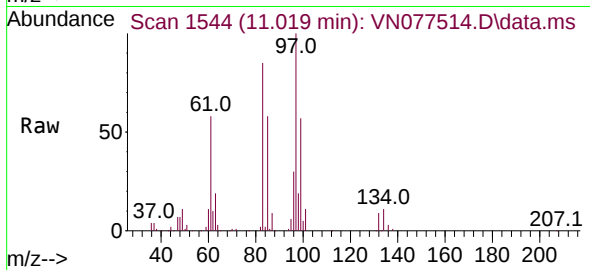
Tgt Ion: 75 Resp: 219271
Ion Ratio Lower Upper
75 100
77 28.9 26.1 39.1
39 37.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 17.560 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

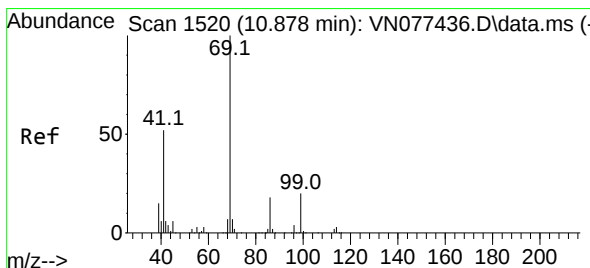
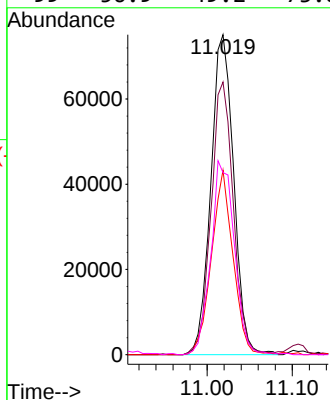
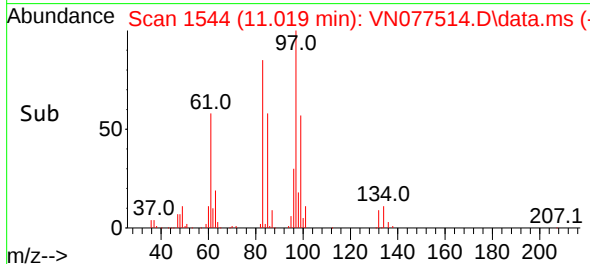


Tgt Ion: 97 Resp: 13997

Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.1	97.7
85	57.7	43.4	65.2
99	56.9	49.2	73.8

Manual Integrations
APPROVED

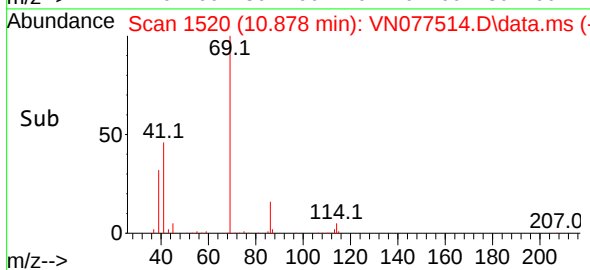
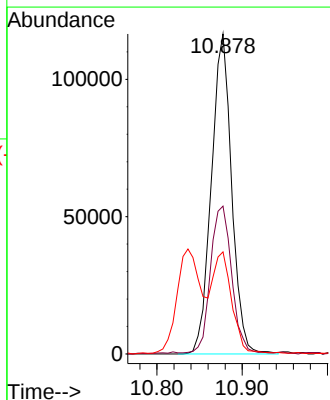
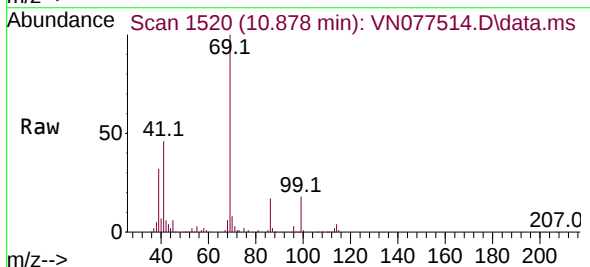
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

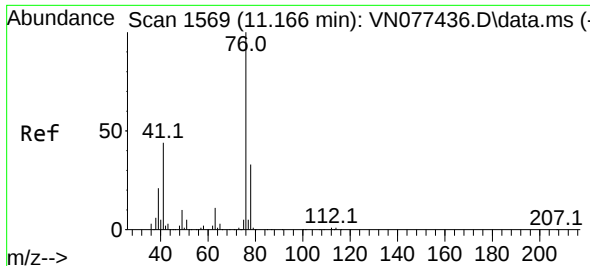


#56
Ethyl methacrylate
Concen: 17.264 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion: 69 Resp: 192828

Ion	Ratio	Lower	Upper
69	100		
41	47.5	39.6	59.4
39	29.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.258 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 76 Resp: 231810

Ion Ratio Lower Upper

76 100

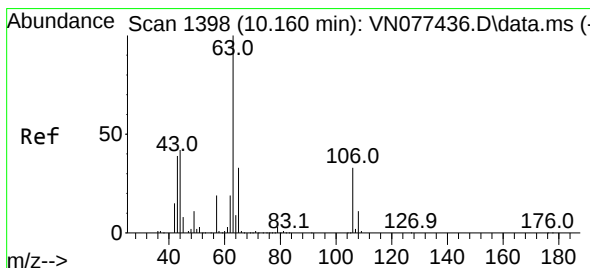
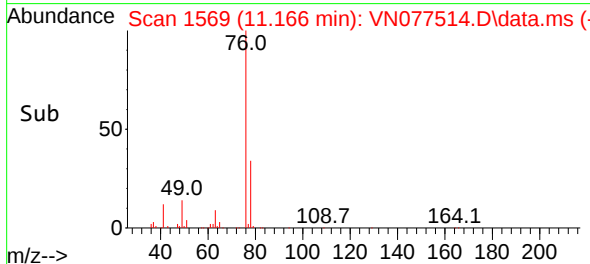
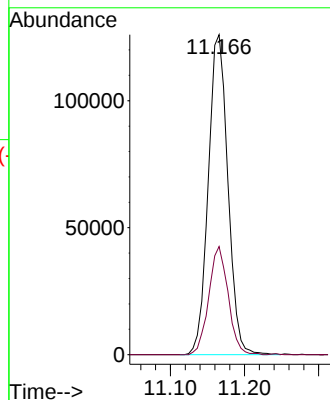
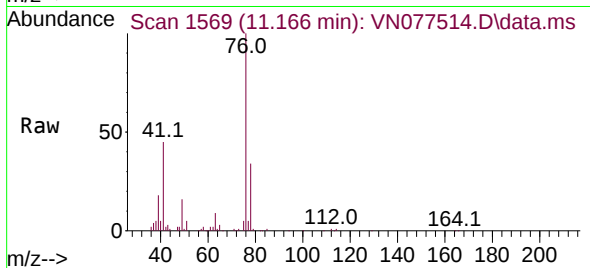
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.060 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077514.D

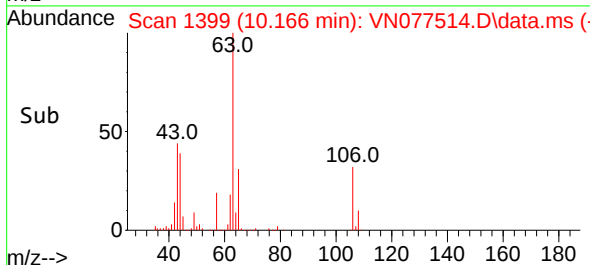
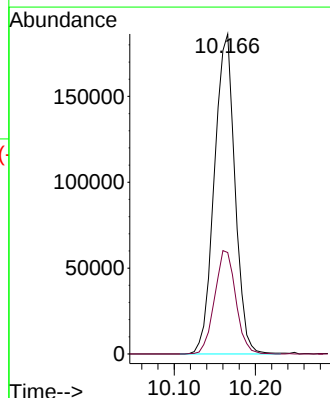
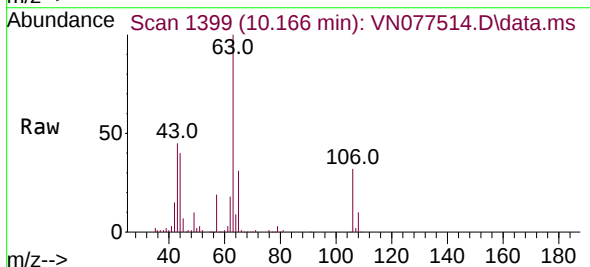
Acq: 29 Apr 2023 13:02

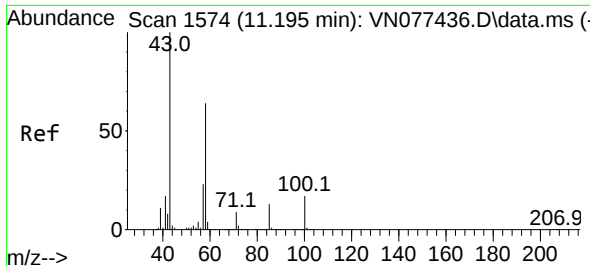
Tgt Ion: 63 Resp: 328905

Ion Ratio Lower Upper

63 100

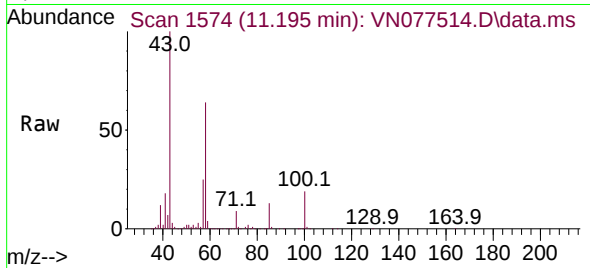
106 33.2 26.2 39.4





#59
2-Hexanone
Concen: 80.701 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

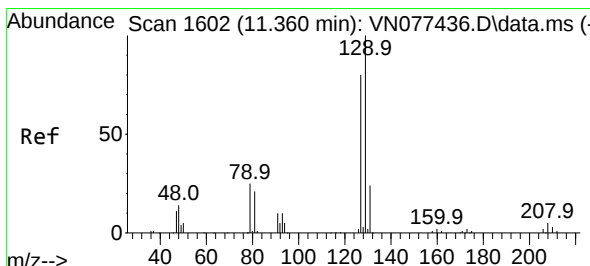
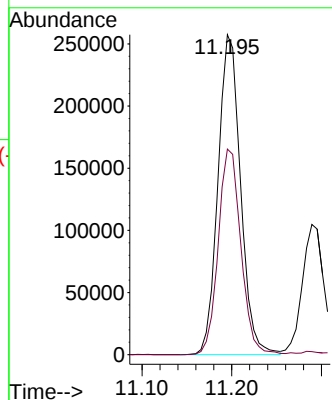
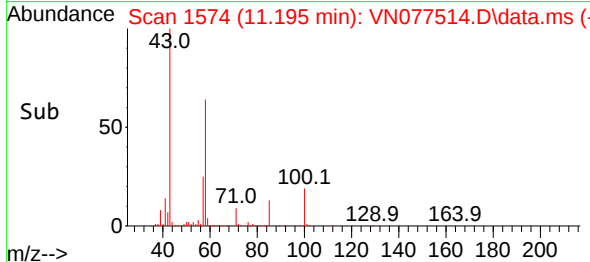
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 43 Resp: 449274
Ion Ratio Lower Upper
43 100
58 64.5 31.7 95.1

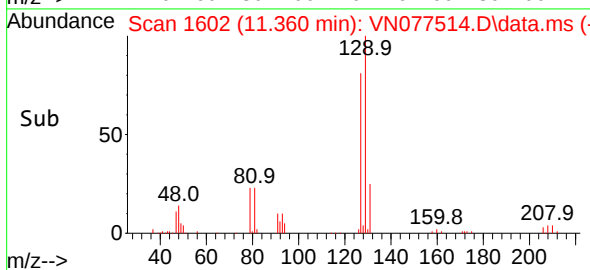
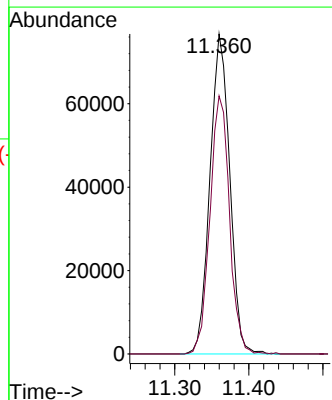
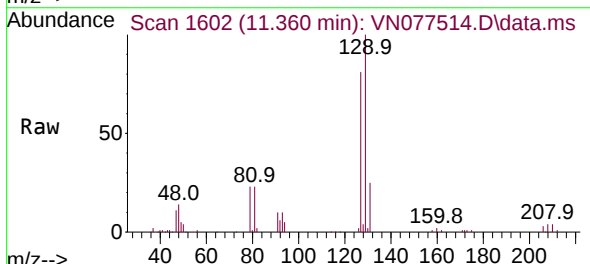
Manual Integrations
APPROVED

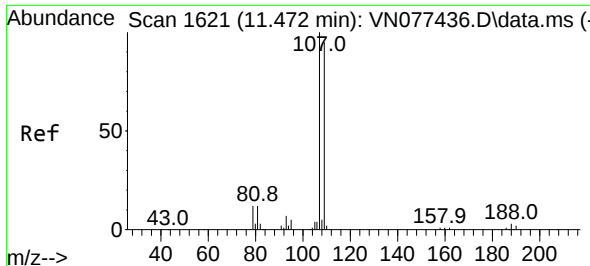
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 17.205 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

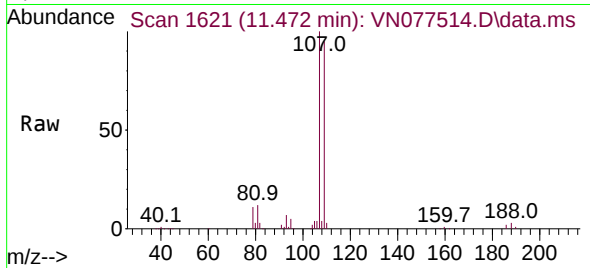
Tgt Ion:129 Resp: 142330
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.375 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

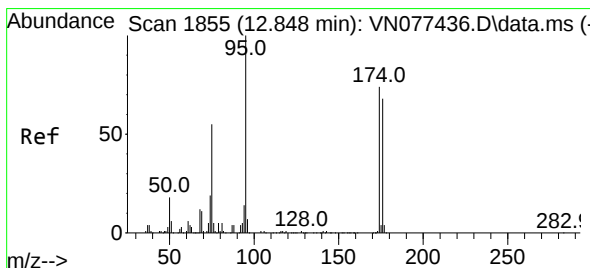
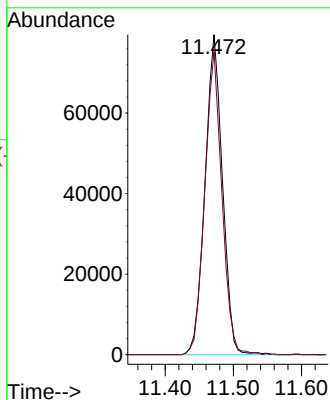
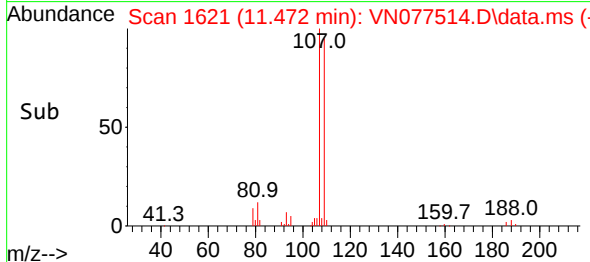
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



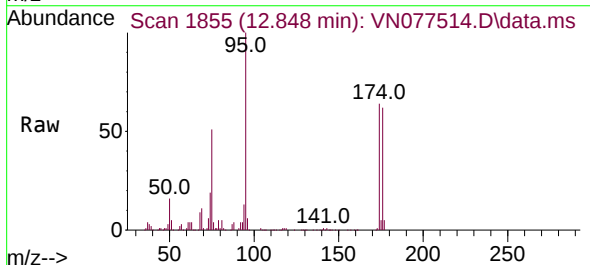
Tgt Ion:107 Resp: 141400
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

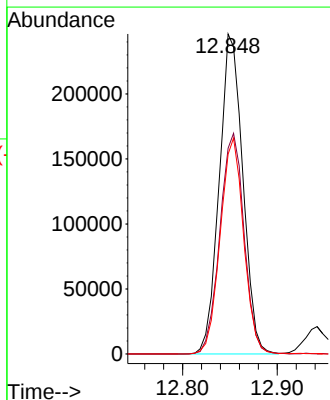
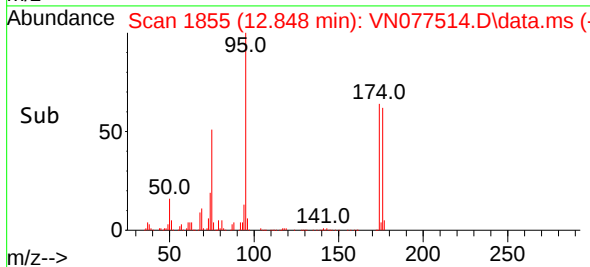
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

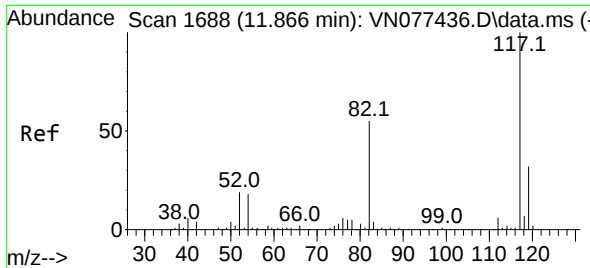


#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



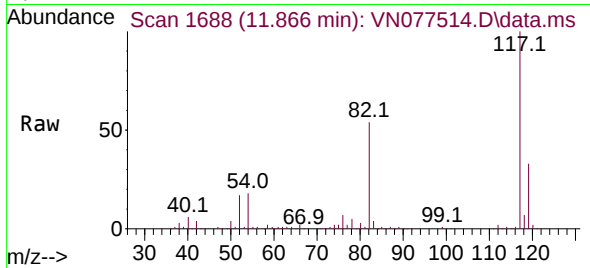
Tgt Ion: 95 Resp: 425641
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 67.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

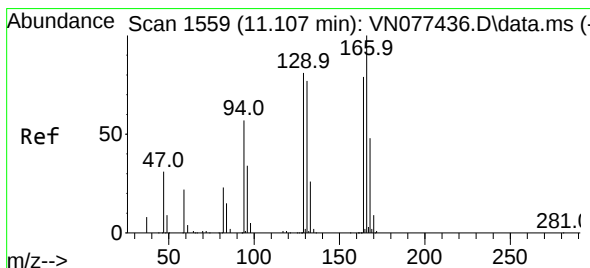
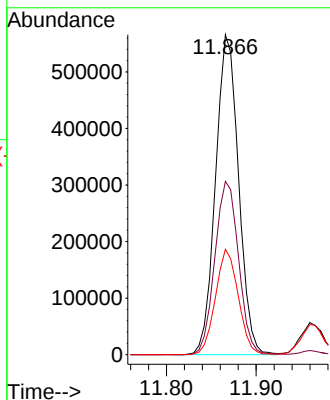
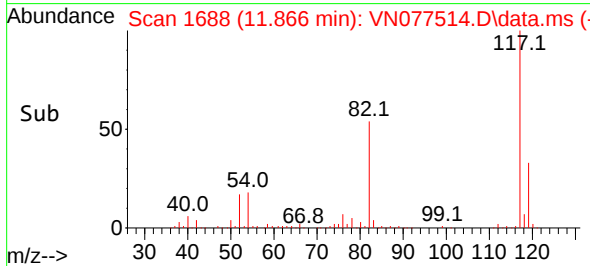
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion:117 Resp: 1009558
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.9 25.6 38.4

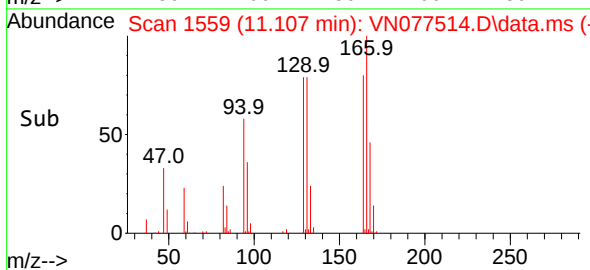
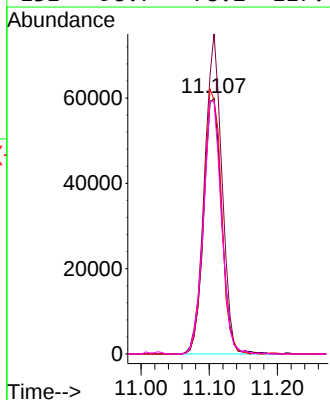
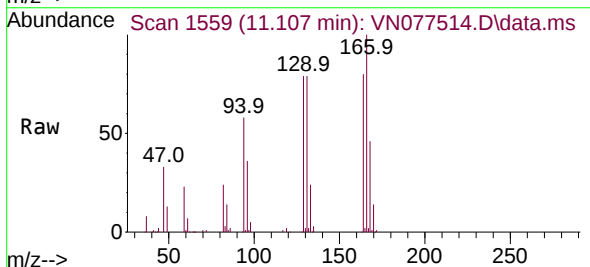
Manual Integrations
APPROVED

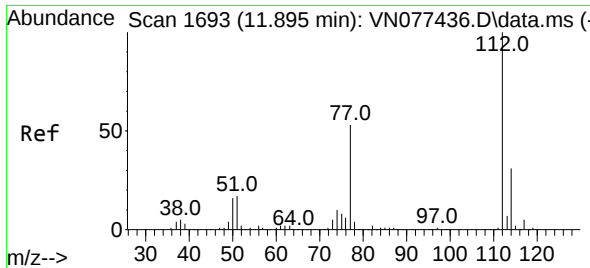
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#64
Tetrachloroethene
Concen: 18.199 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

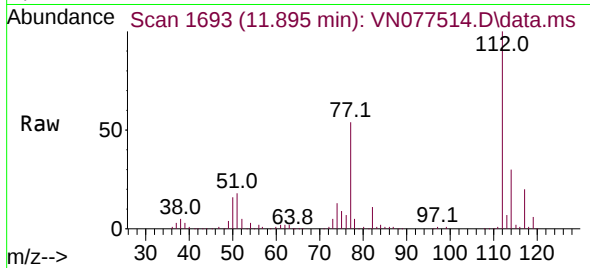
Tgt Ion:164 Resp: 109984
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 99.3 82.4 123.6
131 98.7 78.2 117.4





#65
Chlorobenzene
Concen: 17.988 ug/l
RT: 11.895 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

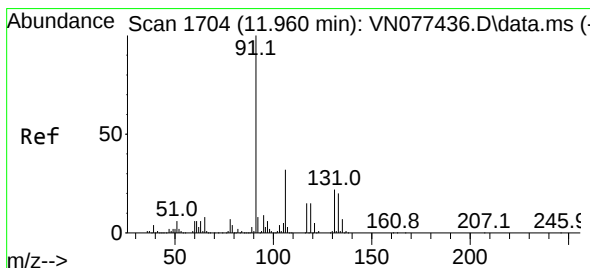
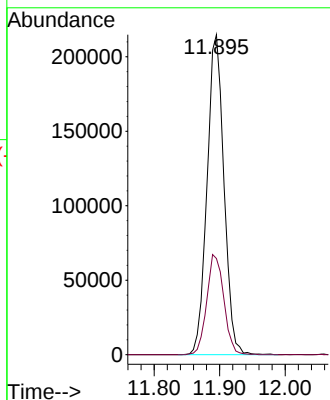
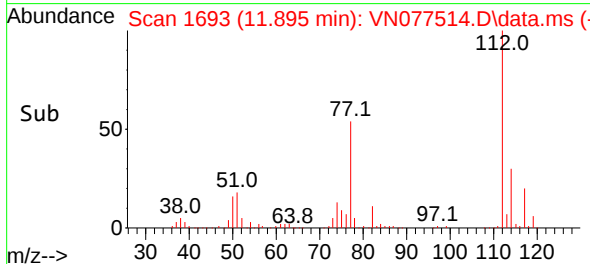
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



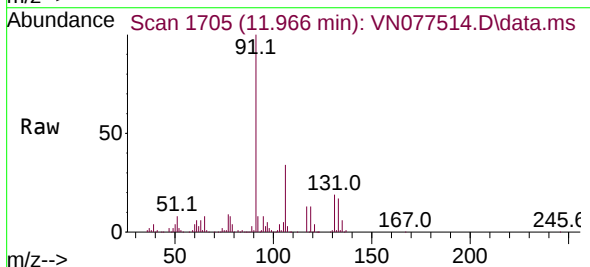
Tgt Ion:112 Resp: 384270
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4

Manual Integrations
APPROVED

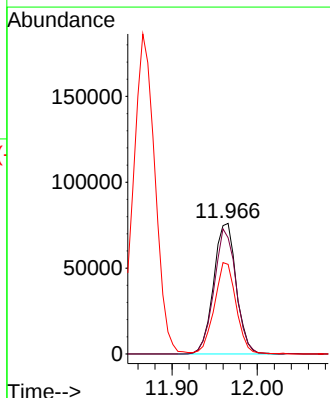
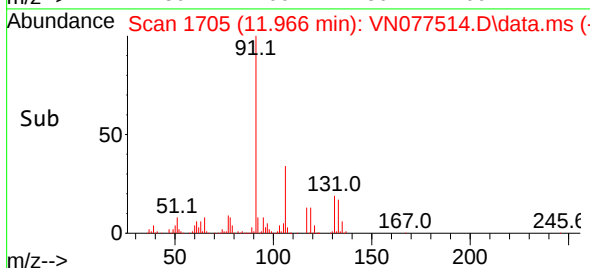
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

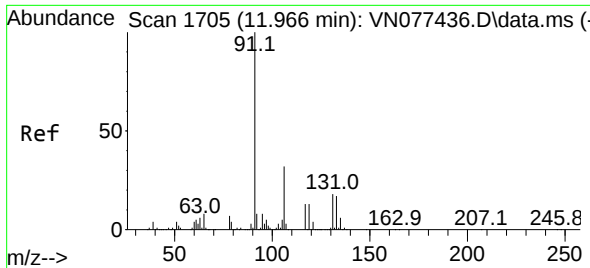


#66
1,1,1,2-Tetrachloroethane
Concen: 18.060 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



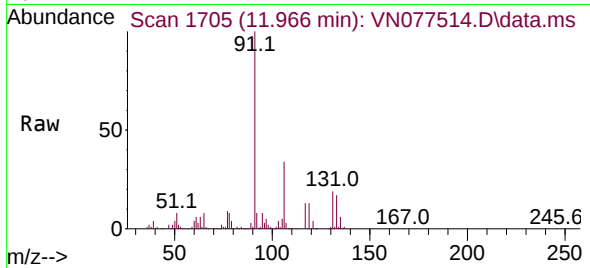
Tgt Ion:131 Resp: 140372
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 18.294 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

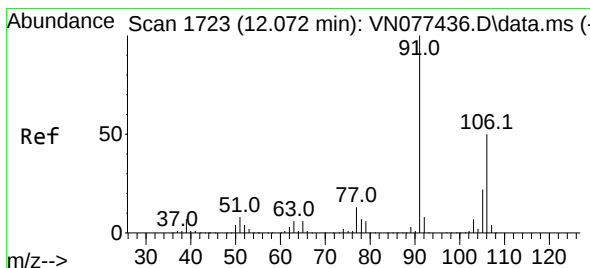
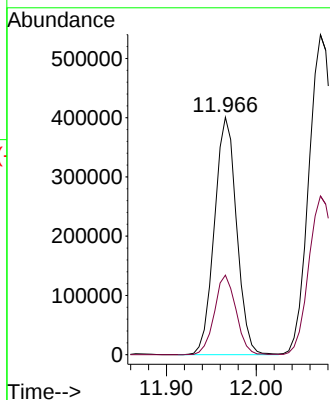
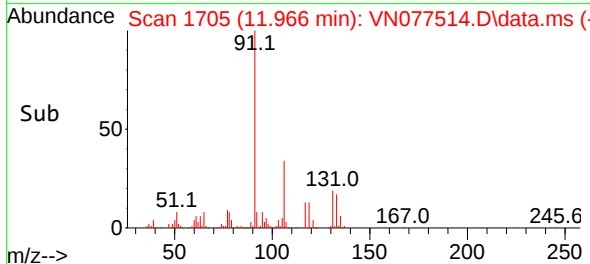
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 91 Resp: 687994
Ion Ratio Lower Upper
91 100
106 33.5 25.6 38.4

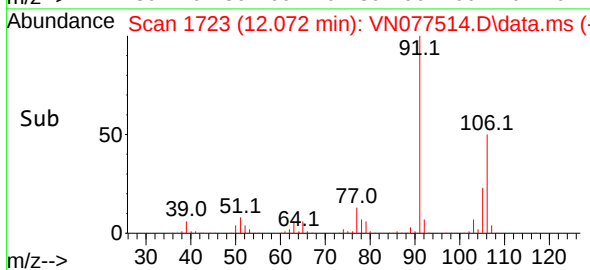
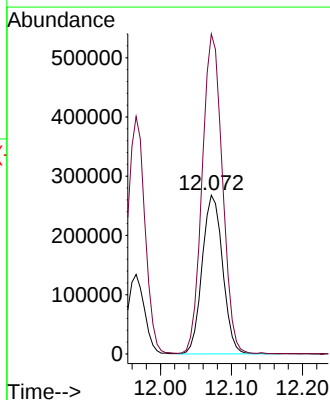
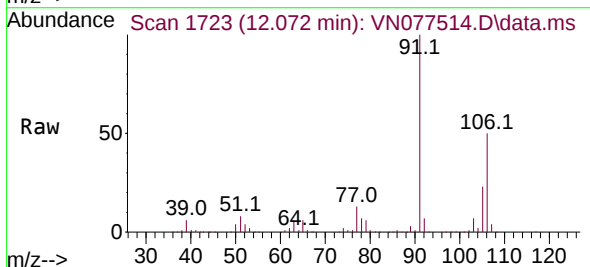
Manual Integrations
APPROVED

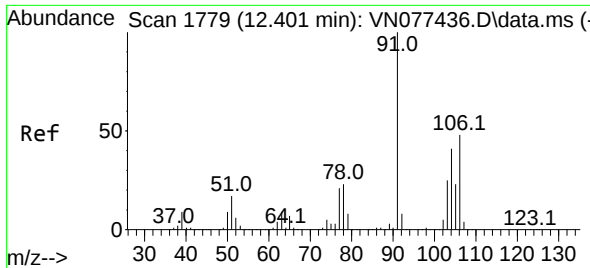
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#68
m/p-Xylenes
Concen: 36.742 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion:106 Resp: 537036
Ion Ratio Lower Upper
106 100
91 198.7 159.6 239.4





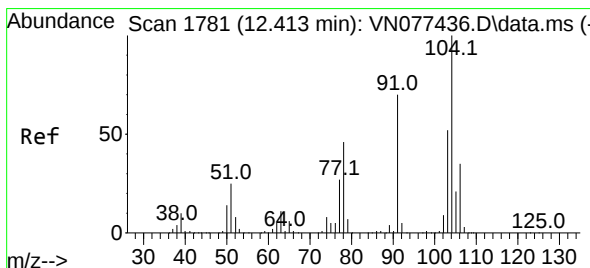
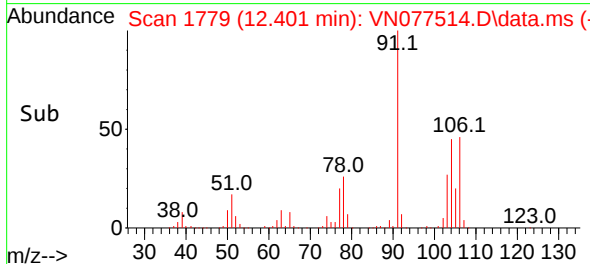
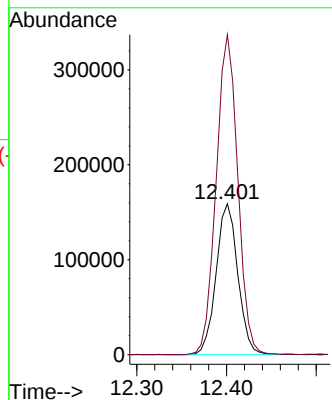
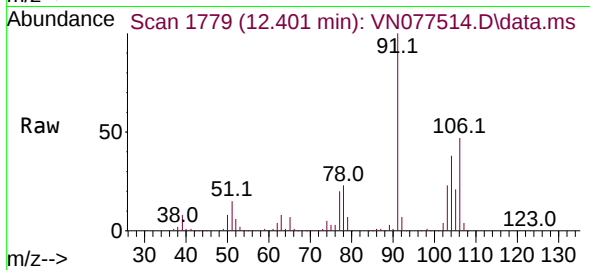
#69
o-Xylene
Concen: 18.560 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:106 Resp: 266824
Ion Ratio Lower Upper
106 100
91 211.5 105.2 315.5

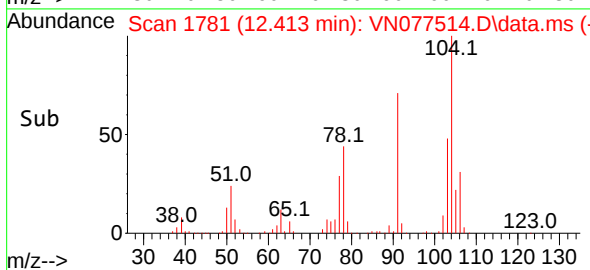
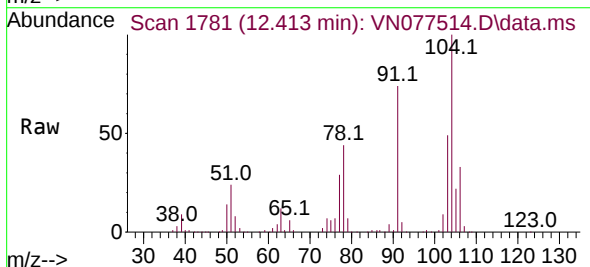
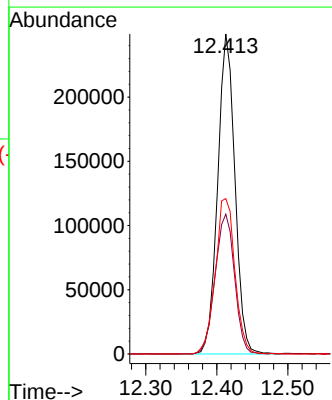
Manual Integrations
APPROVED

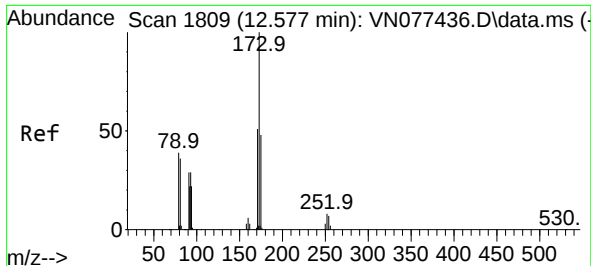
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 18.619 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

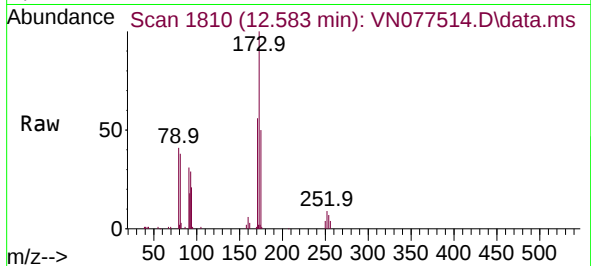
Tgt Ion:104 Resp: 418616
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 17.049 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

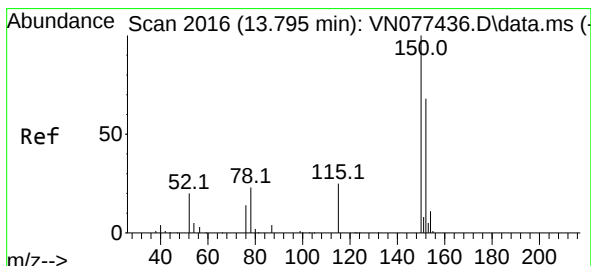
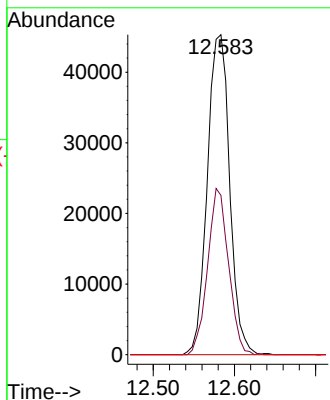
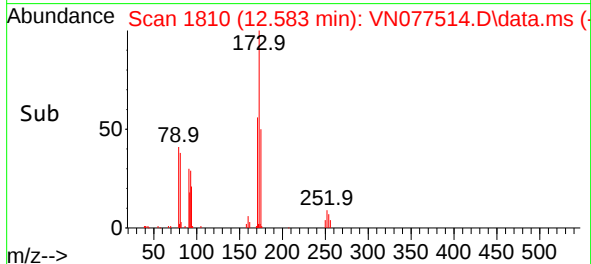
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion:173 Resp: 86690
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

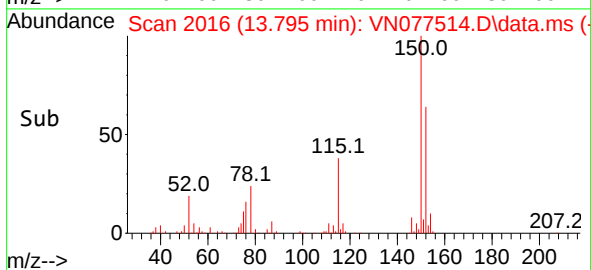
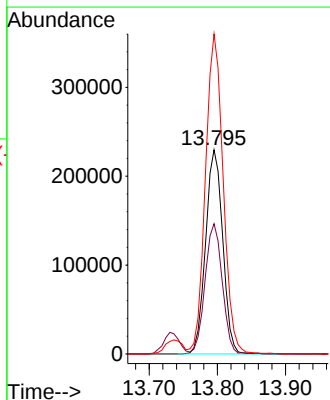
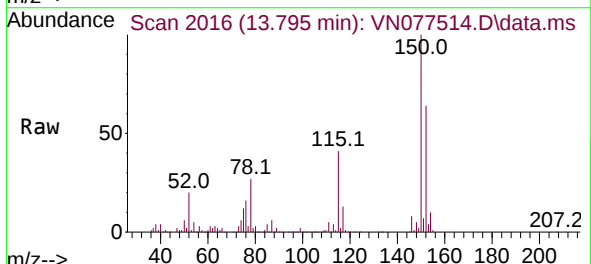
Manual Integrations
APPROVED

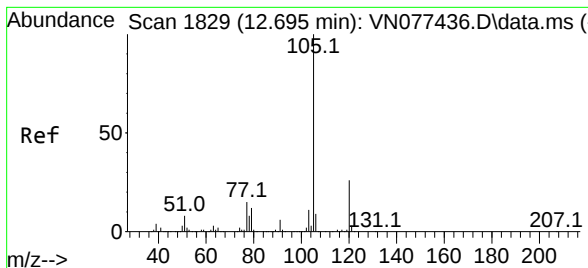
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

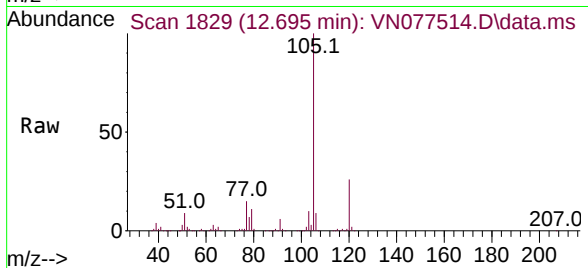
Tgt Ion:152 Resp: 401695
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 162.5 0.0 355.8





#73
Isopropylbenzene
Concen: 18.479 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

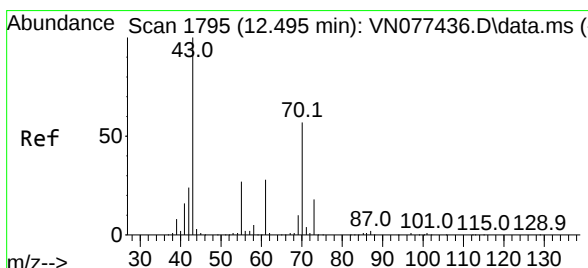
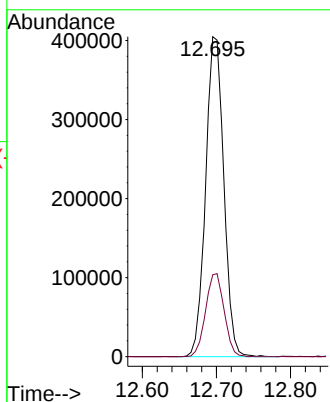
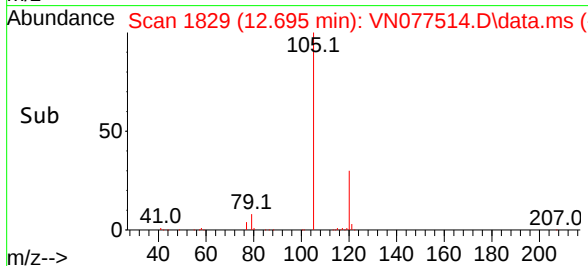
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



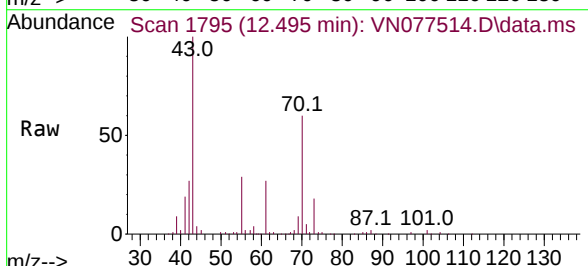
Tgt Ion:105 Resp: 68880
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

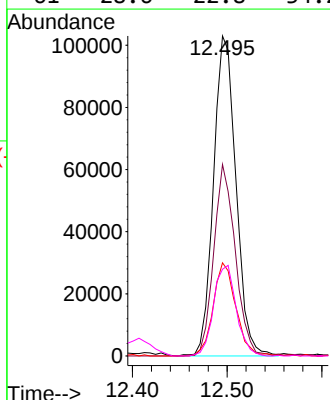
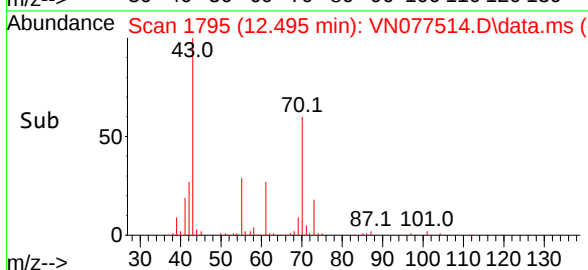
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

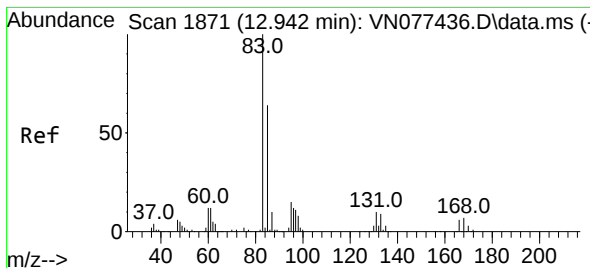


#74
N-ethyl acetate
Concen: 15.376 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



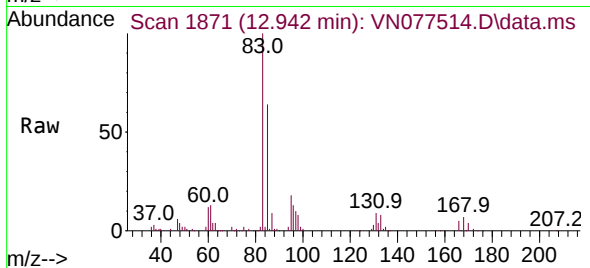
Tgt Ion: 43 Resp: 169687
Ion Ratio Lower Upper
43 100
70 57.6 43.4 65.2
55 29.6 21.4 32.0
61 28.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.825 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

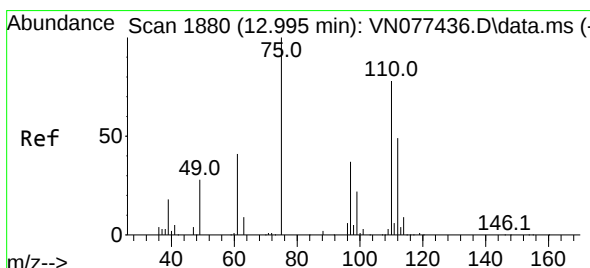
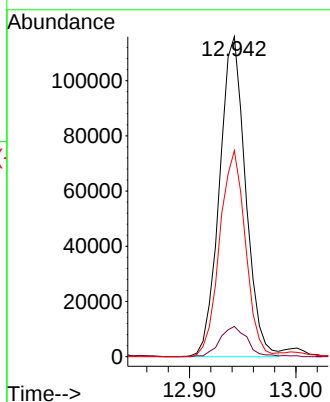
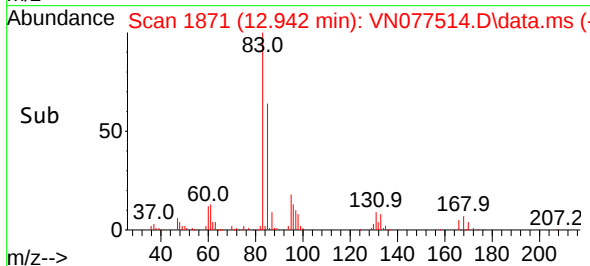
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 83 Resp: 197059
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.9 31.9 95.7

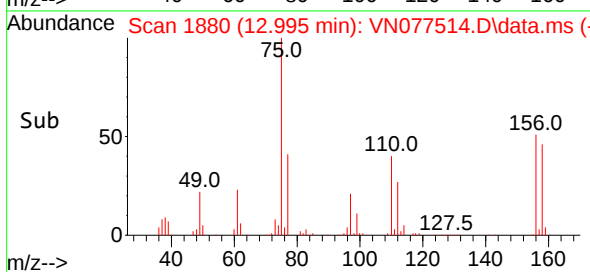
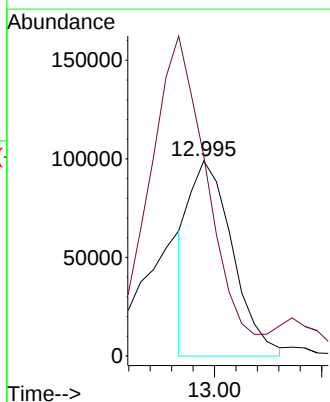
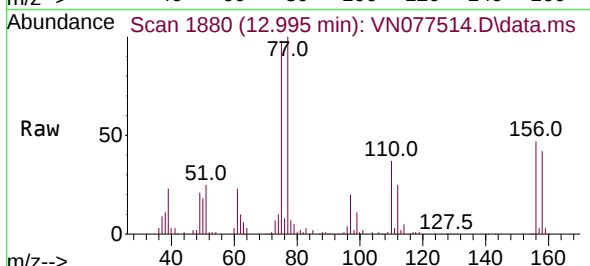
Manual Integrations
APPROVED

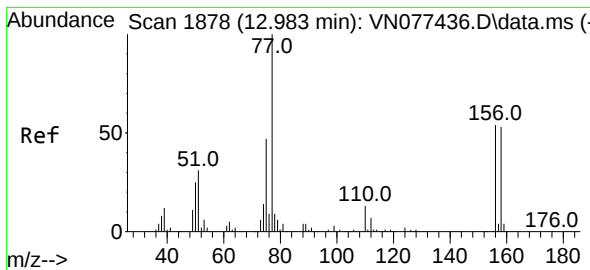
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#76
1,2,3-Trichloropropane
Concen: 14.887 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

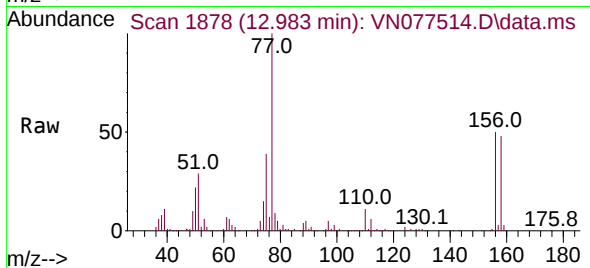
Tgt Ion: 75 Resp: 139059
Ion Ratio Lower Upper
75 100
77 220.7 84.5 253.5





#77
Bromobenzene
Concen: 17.591 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

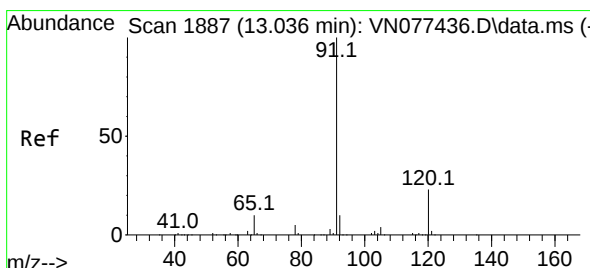
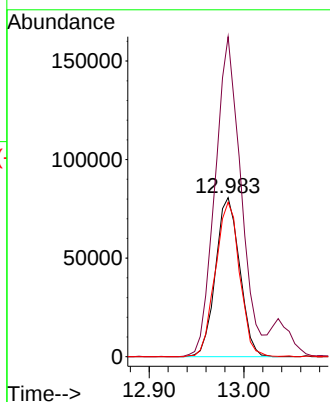
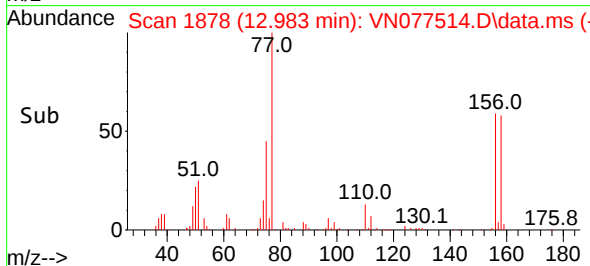
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion:156 Resp: 142910
Ion Ratio Lower Upper
156 100
77 214.8 107.7 323.3
158 97.8 48.4 145.3

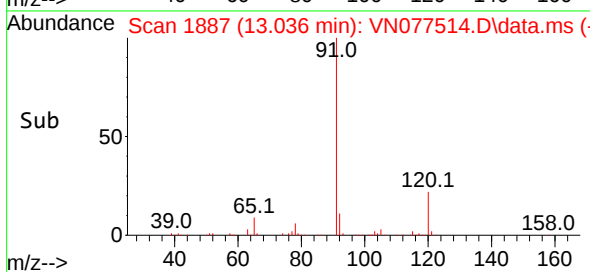
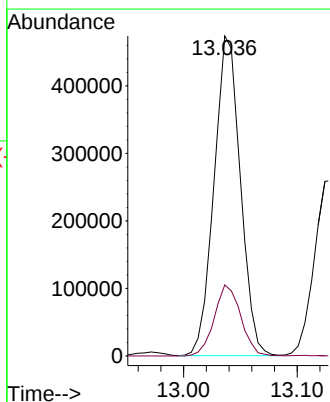
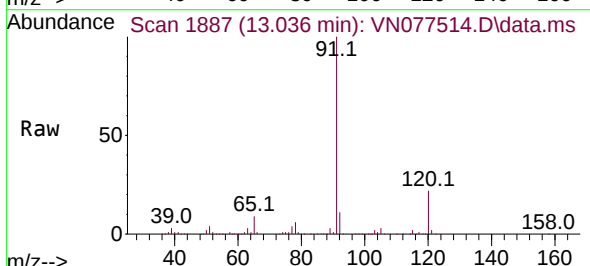
Manual Integrations
APPROVED

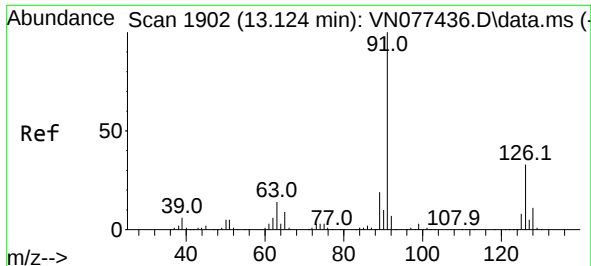
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#78
n-propylbenzene
Concen: 18.528 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion: 91 Resp: 763651
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





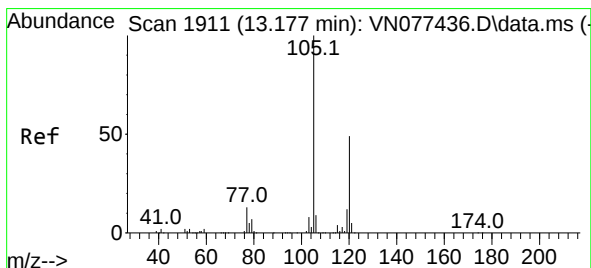
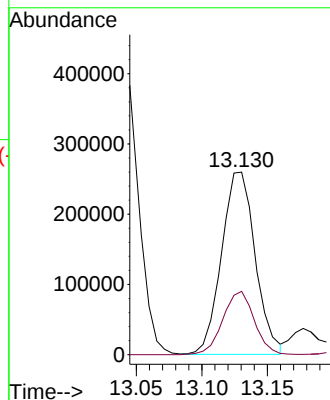
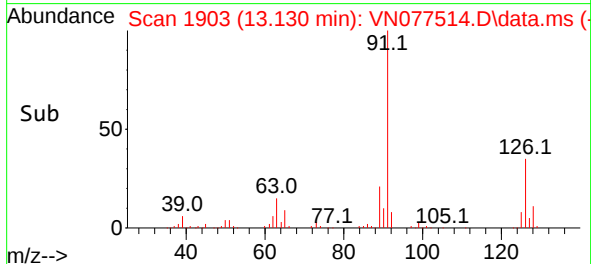
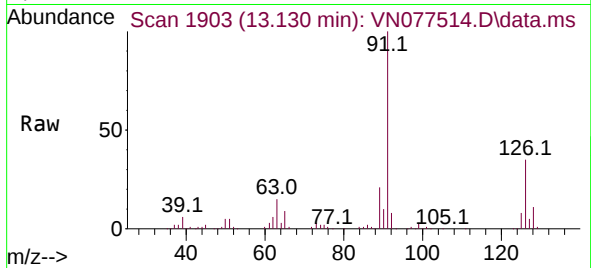
#79
2-Chlorotoluene
Concen: 18.269 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 91 Resp: 46423
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

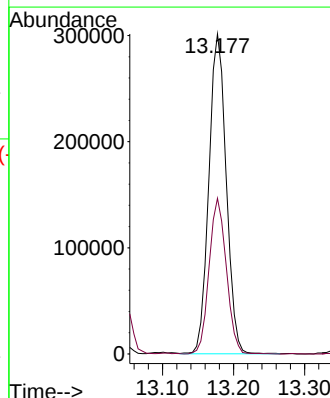
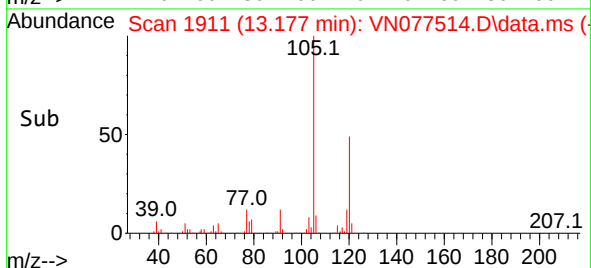
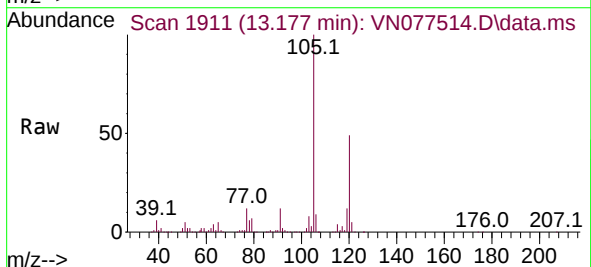
Manual Integrations
APPROVED

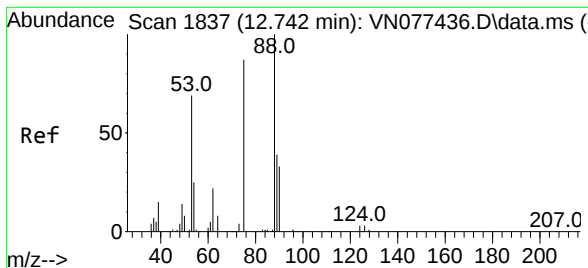
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.476 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

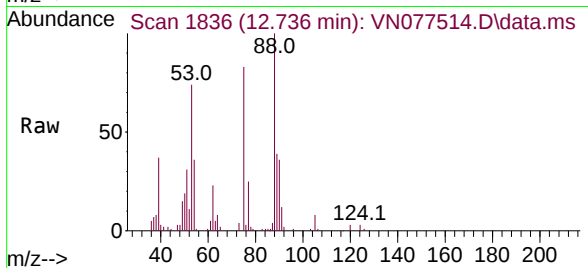
Tgt Ion:105 Resp: 511454
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.676 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

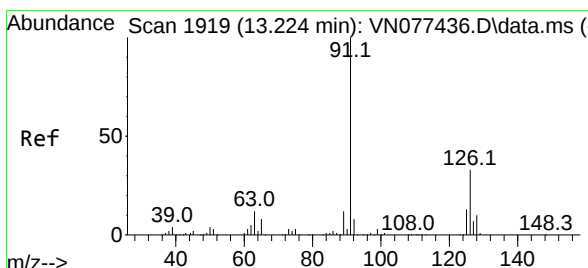
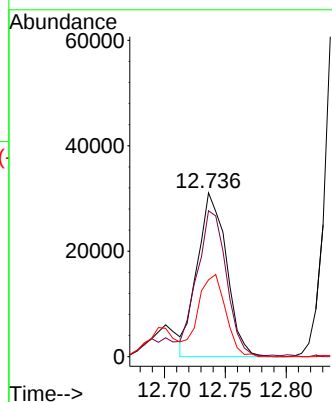
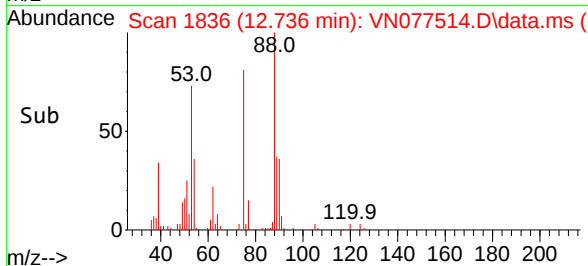
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



Tgt Ion: 75 Resp: 51829
Ion Ratio Lower Upper
75 100
53 103.1 67.4 101.2
89 47.9 38.8 58.2

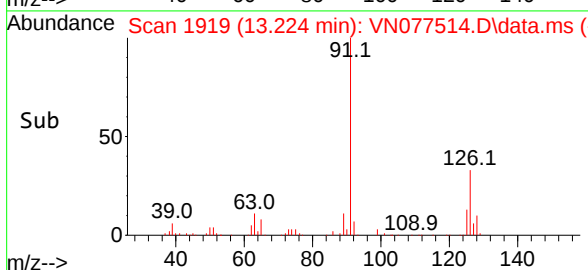
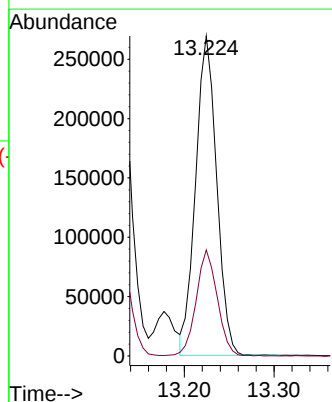
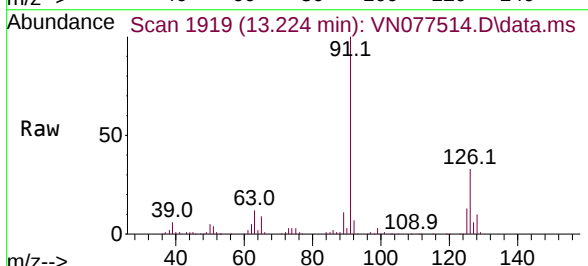
Manual Integrations
APPROVED

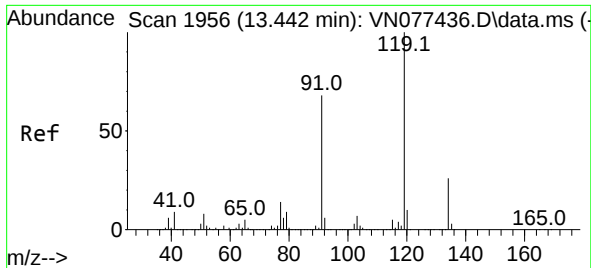
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 18.460 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

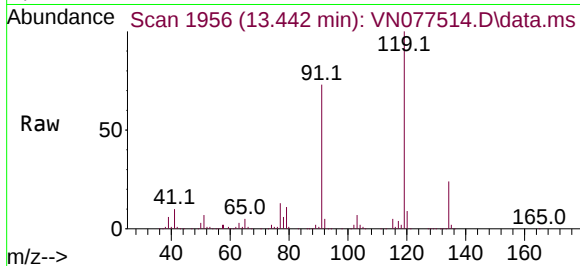
Tgt Ion: 91 Resp: 438348
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.897 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

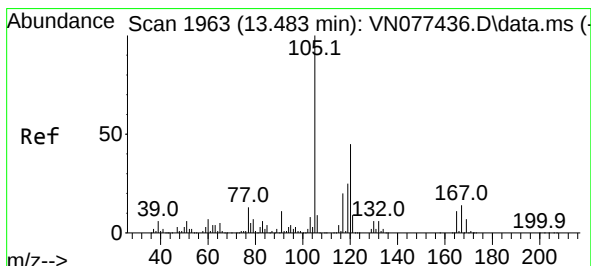
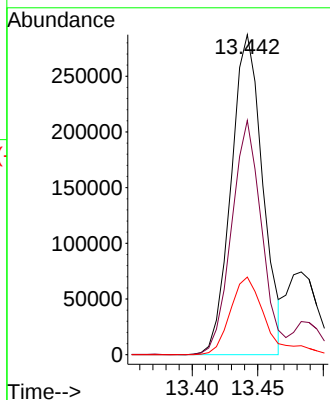
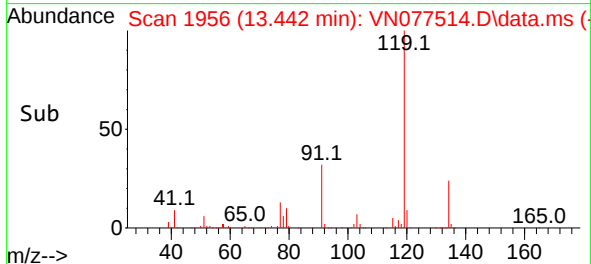
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01



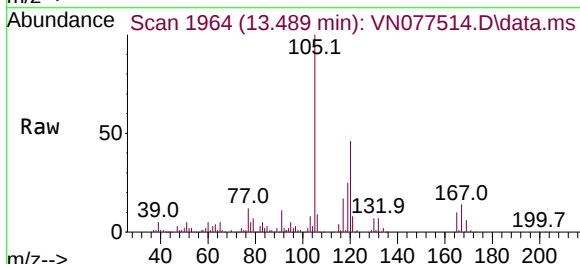
Tgt Ion:119 Resp: 481129
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 27.1 13.2 39.6

Manual Integrations
APPROVED

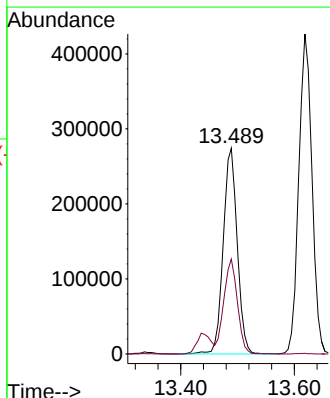
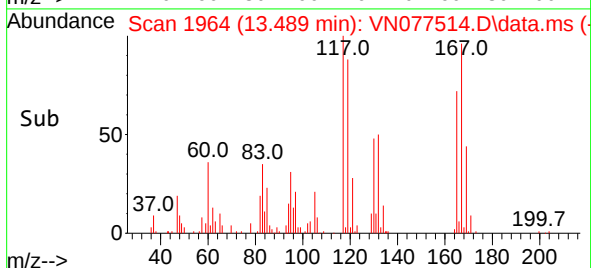
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

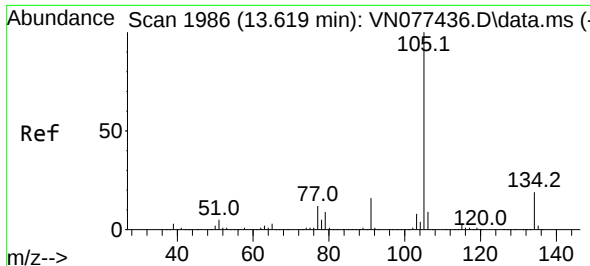


#84
1,2,4-Trimethylbenzene
Concen: 18.226 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02



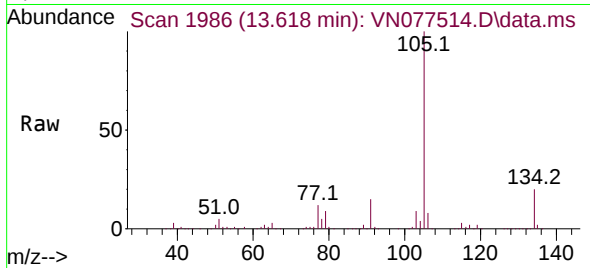
Tgt Ion:105 Resp: 471194
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.631 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02

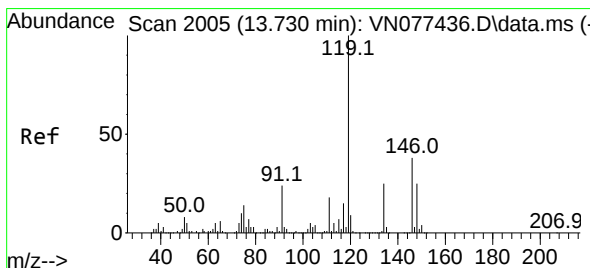
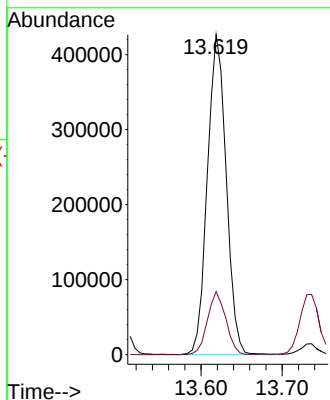
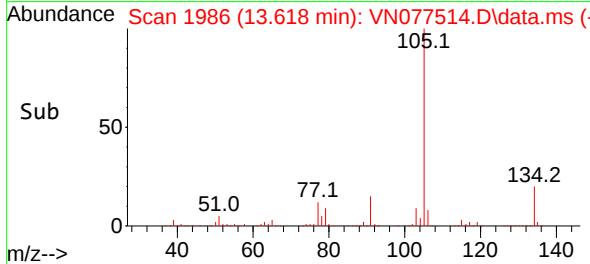
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01



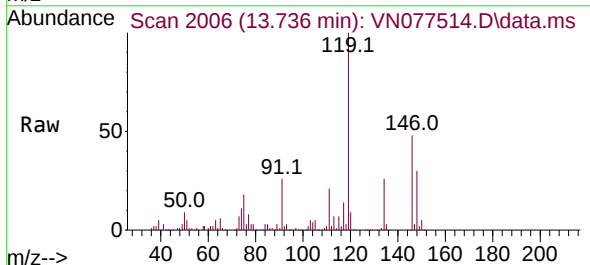
Tgt Ion:105 Resp: 687479
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

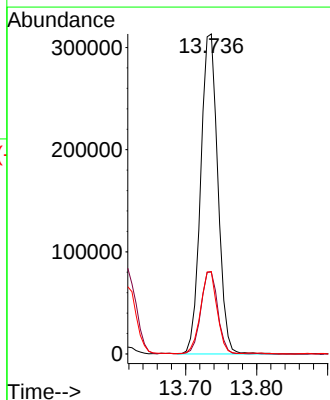
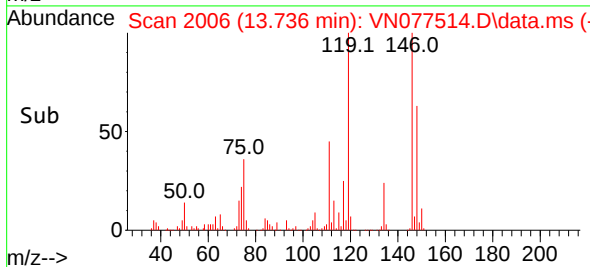
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

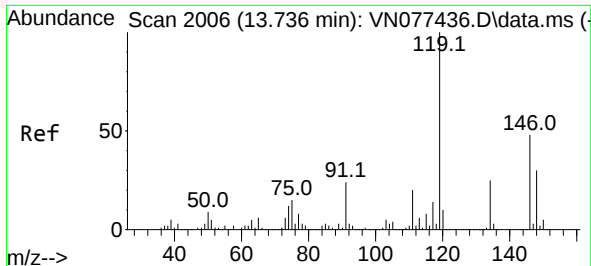


#86
 p-Isopropyltoluene
 Concen: 18.540 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077514.D
 Acq: 29 Apr 2023 13:02



Tgt Ion:119 Resp: 526361
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.582 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

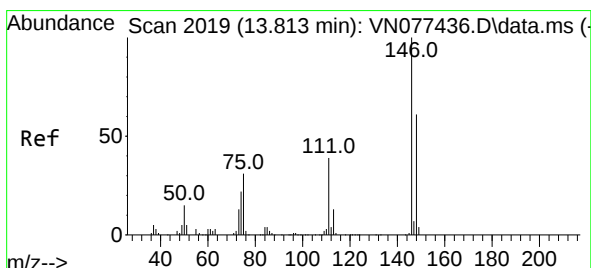
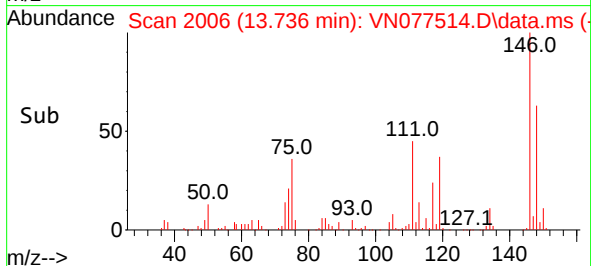
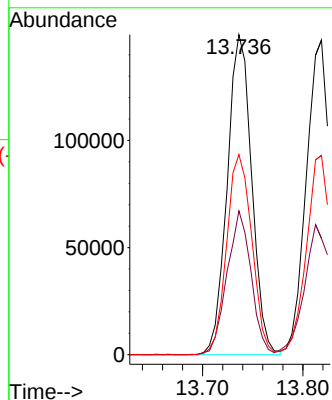
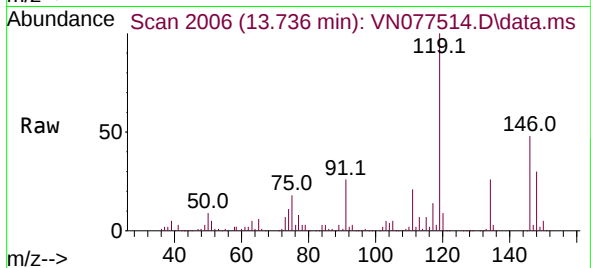
Tgt Ion:146 Resp: 254014
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.3
 148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#88

1,4-Dichlorobenzene

Concen: 17.391 ug/l

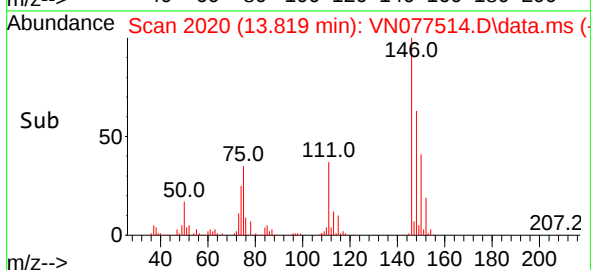
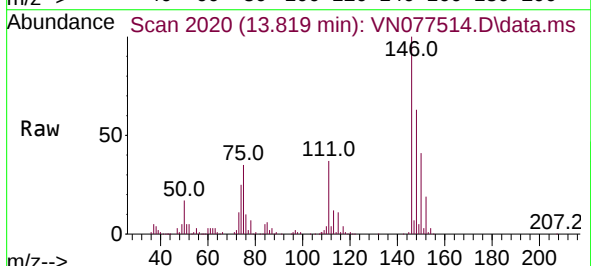
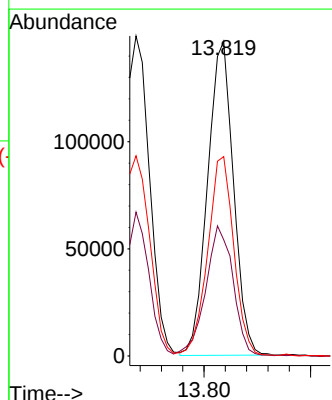
RT: 13.819 min Scan# 2020

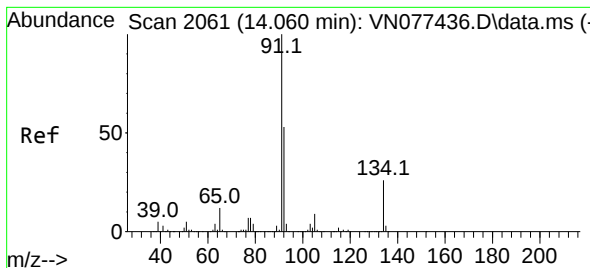
Delta R.T. 0.006 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion:146 Resp: 248088
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.6 61.8
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 18.164 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

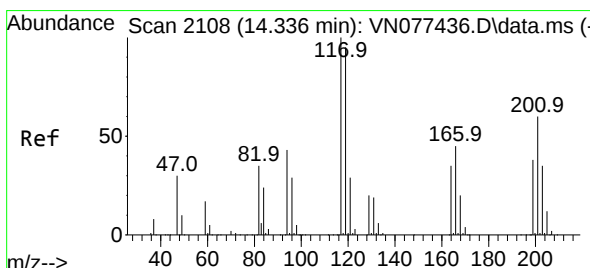
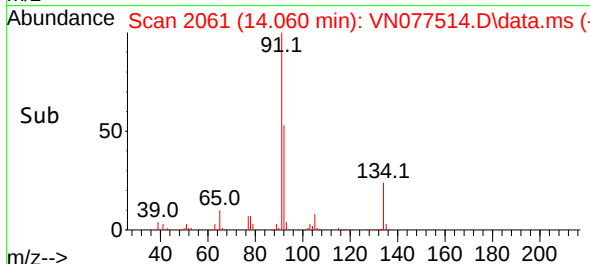
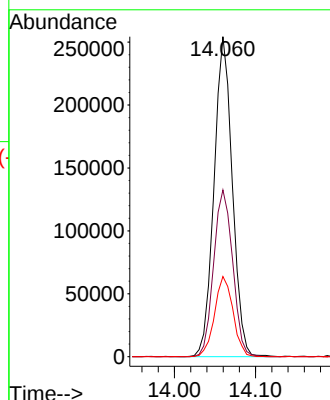
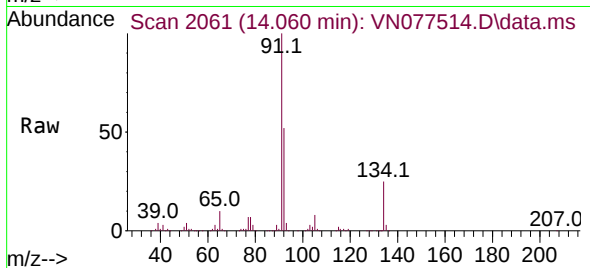
Tgt Ion: 91 Resp: 399083
 Ion Ratio Lower Upper
 91 100
 92 54.0 26.4 79.0
 134 25.3 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#90

Hexachloroethane

Concen: 16.823 ug/l

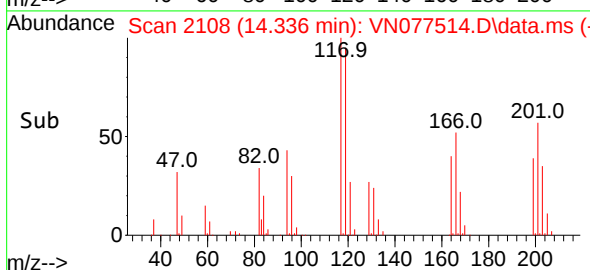
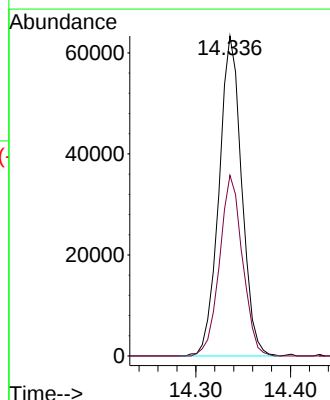
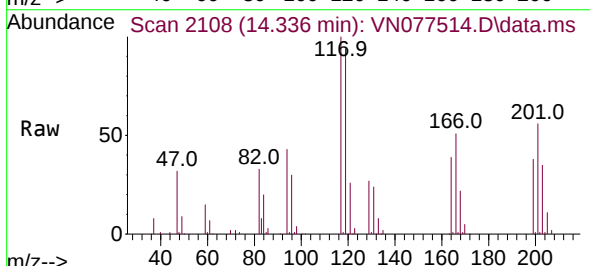
RT: 14.336 min Scan# 2108

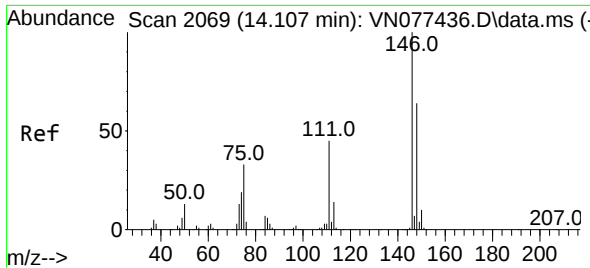
Delta R.T. -0.000 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion:117 Resp: 105520
 Ion Ratio Lower Upper
 117 100
 201 57.0 29.3 88.0





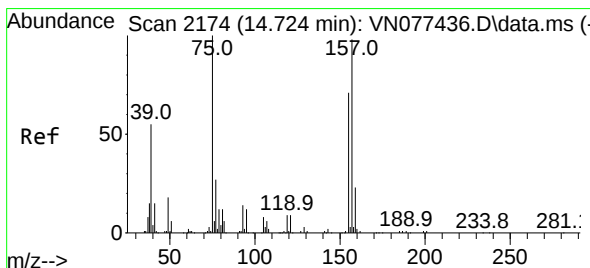
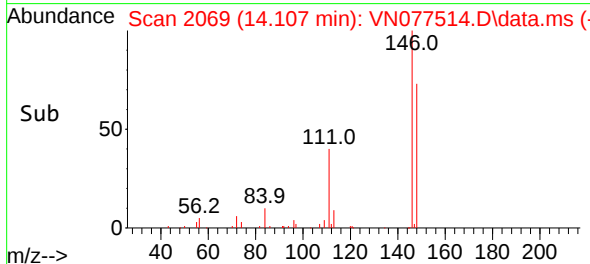
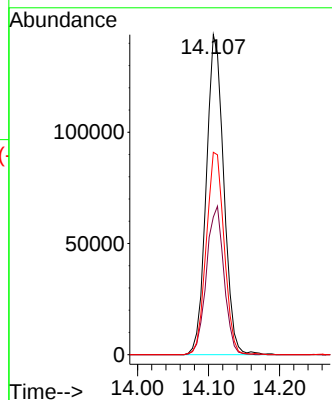
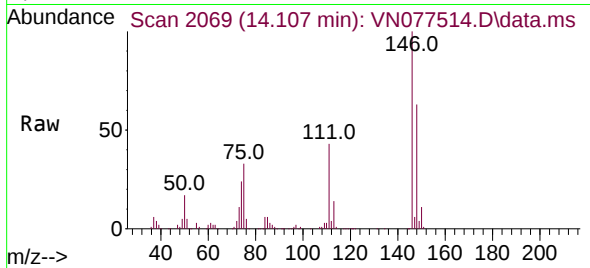
#91
1,2-Dichlorobenzene
Concen: 17.204 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:146 Resp: 24652
Ion Ratio Lower Upper
146 100
111 46.6 22.0 66.0
148 64.4 31.8 95.3

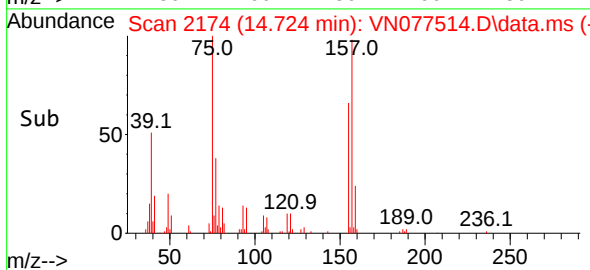
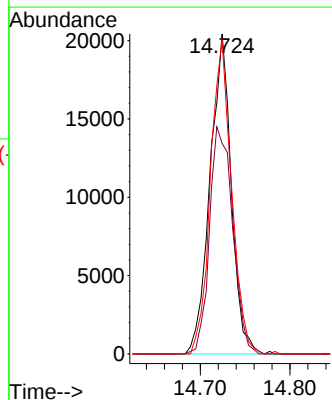
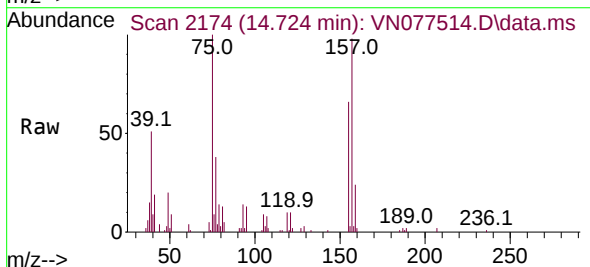
Manual Integrations
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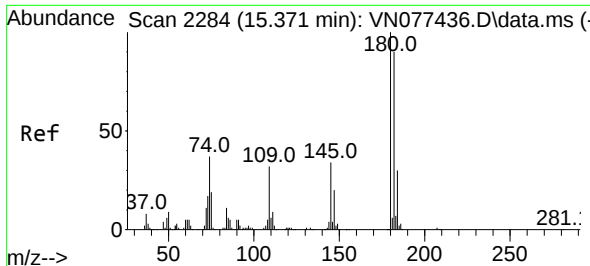
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.476 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077514.D
Acq: 29 Apr 2023 13:02

Tgt Ion: 75 Resp: 33519
Ion Ratio Lower Upper
75 100
155 77.2 39.1 117.2
157 97.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.430 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion:180 Resp: 50218

Ion Ratio Lower Upper

180 100

182 100.2 46.1 138.2

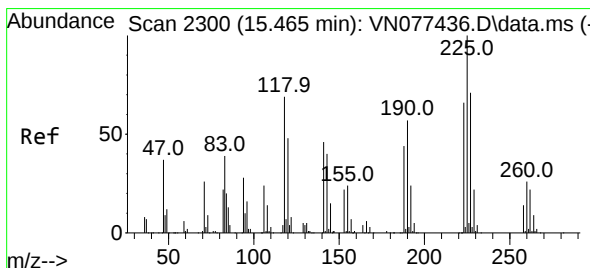
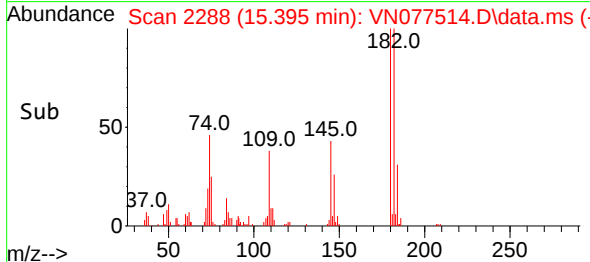
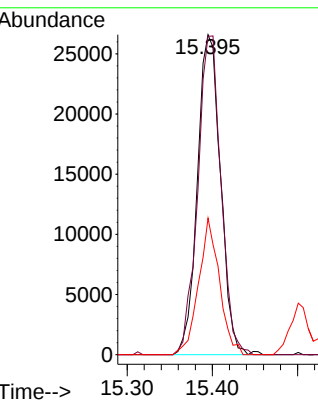
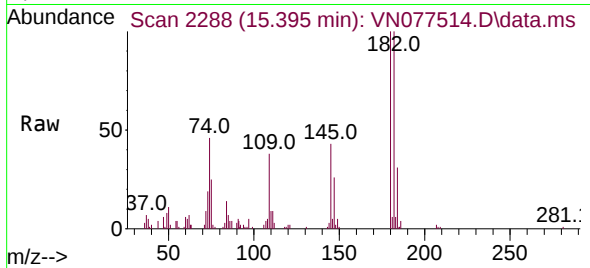
145 38.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#94

Hexachlorobutadiene

Concen: 18.048 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.036 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

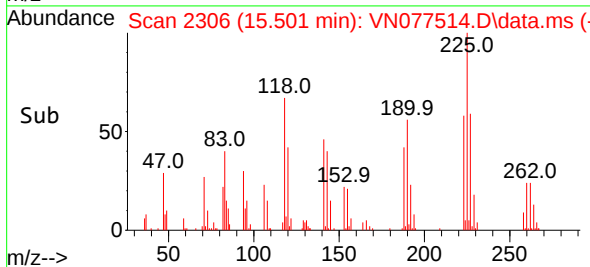
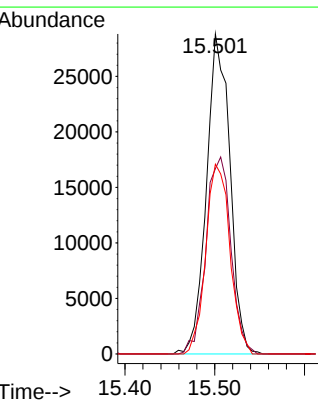
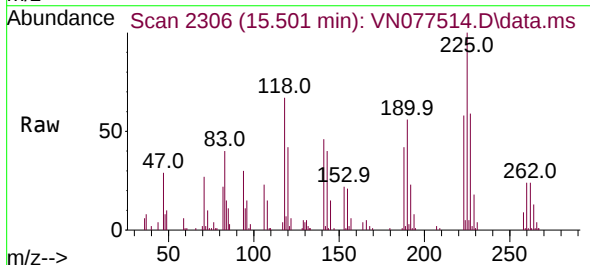
Tgt Ion:225 Resp: 52262

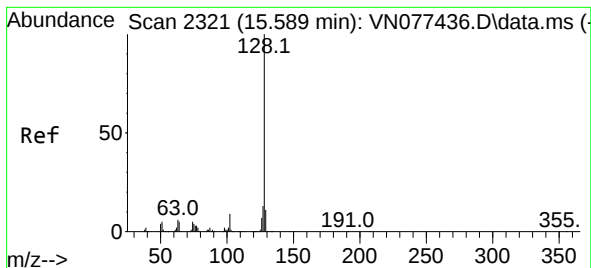
Ion Ratio Lower Upper

225 100

223 65.7 31.3 93.8

227 61.2 31.9 95.9





#95

Naphthalene

Concen: 15.107 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.059 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

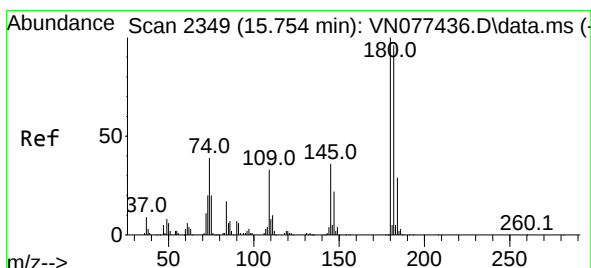
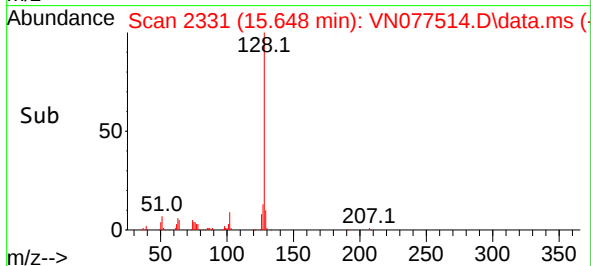
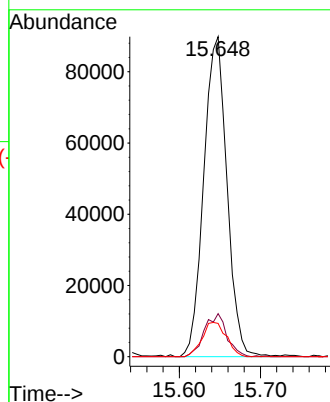
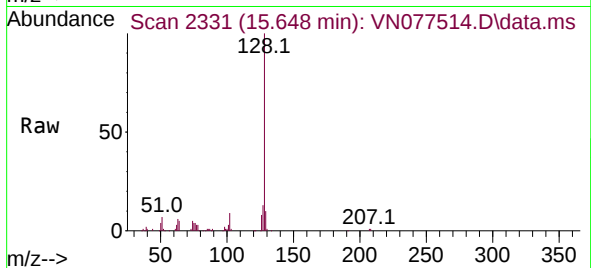
Tgt Ion:128 Resp: 17852
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.0 15.0
 129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.685 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077514.D

Acq: 29 Apr 2023 13:02

Tgt Ion:180 Resp: 48221
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.2 138.6
 145 34.0 17.5 52.6

