

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077545.D
 Acq On : 01 May 2023 16:14
 Operator : JC\MD
 Sample : VN0501WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:03:27 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	677159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1264704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1131006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	457029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	412484	46.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.360%		
35) Dibromofluoromethane	8.172	113	359901	47.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.572	98	1407622	48.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.640%		
62) 4-Bromofluorobenzene	12.854	95	471848	49.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	148892	17.427	ug/l	95
3) Chloromethane	2.372	50	115467	17.011	ug/l	97
4) Vinyl Chloride	2.525	62	161844	17.898	ug/l	98
5) Bromomethane	2.954	94	143176	18.279	ug/l	93
6) Chloroethane	3.125	64	128328	18.680	ug/l	98
7) Trichlorofluoromethane	3.507	101	254956	19.183	ug/l	94
8) Diethyl Ether	3.972	74	89019	18.432	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	143990	18.629	ug/l	99
10) Methyl Iodide	4.596	142	167377	17.626	ug/l	99
11) Tert butyl alcohol	5.537	59	130320	91.871	ug/l	100
12) 1,1-Dichloroethene	4.348	96	135654	17.951	ug/l	91
13) Acrolein	4.190	56	116397	82.485	ug/l	99
14) Allyl chloride	5.037	41	151806	18.069	ug/l	96
15) Acrylonitrile	5.725	53	311536	96.811	ug/l	100
16) Acetone	4.443	43	283545	100.865	ug/l	97
17) Carbon Disulfide	4.719	76	304912	15.879	ug/l	97
18) Methyl Acetate	5.037	43	209493	19.298	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	469041	18.663	ug/l	99
20) Methylene Chloride	5.290	84	162106	18.184	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	147692	18.074	ug/l	96
22) Diisopropyl ether	6.684	45	351764	18.243	ug/l	98
23) Vinyl Acetate	6.613	43	1041335	86.474	ug/l	100
24) 1,1-Dichloroethane	6.572	63	252235	18.480	ug/l	96
25) 2-Butanone	7.489	43	380822	95.513	ug/l	99
26) 2,2-Dichloropropane	7.495	77	252112	19.049	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	178025	18.395	ug/l	99
28) Bromochloromethane	7.825	49	83998	16.115	ug/l	94
29) Tetrahydrofuran	7.842	42	232111	92.913	ug/l	97
30) Chloroform	7.972	83	300205	19.516	ug/l	94
31) Cyclohexane	8.266	56	212586	16.983	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	273855	19.365	ug/l	97
36) 1,1-Dichloropropene	8.378	75	206947	18.844	ug/l	99
37) Ethyl Acetate	7.566	43	148262	17.767	ug/l	97
38) Carbon Tetrachloride	8.366	117	232983	19.228	ug/l	98
39) Methylcyclohexane	9.601	83	263571	18.216	ug/l	96
40) Benzene	8.607	78	634814	18.975	ug/l	97

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 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)
41) Methacrylonitrile	7.784	41	80778	18.585	ug/l	97
42) 1,2-Dichloroethane	8.678	62	222397	19.355	ug/l	100
43) Isopropyl Acetate	8.695	43	263437	18.248	ug/l	97
44) Trichloroethene	9.360	130	164987	19.261	ug/l	98
45) 1,2-Dichloropropane	9.625	63	151784	19.368	ug/l	99
46) Dibromomethane	9.713	93	120273	18.914	ug/l	96
47) Bromodichloromethane	9.889	83	237987	19.349	ug/l	96
48) Methyl methacrylate	9.683	41	115333	17.550	ug/l	96
49) 1,4-Dioxane	9.695	88	64079	388.746	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	800704	94.558	ug/l	99
52) Toluene	10.630	92	435436	19.868	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	240167	19.283	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	253923	18.730	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	176291	20.003	ug/l	96
56) Ethyl methacrylate	10.877	69	238995	19.353	ug/l #	92
57) 1,3-Dichloropropane	11.166	76	279365	19.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	328767	78.709	ug/l	98
59) 2-Hexanone	11.195	43	598487	97.233	ug/l	98
60) Dibromochloromethane	11.360	129	177384	19.393	ug/l	100
61) 1,2-Dibromoethane	11.472	107	175130	19.464	ug/l	98
64) Tetrachloroethene	11.107	164	125858	18.590	ug/l	98
65) Chlorobenzene	11.895	112	450666	18.830	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	168308	19.329	ug/l	98
67) Ethyl Benzene	11.966	91	819794	19.458	ug/l	99
68) m/p-Xylenes	12.072	106	640309	39.104	ug/l	100
69) o-Xylene	12.401	106	321793	19.980	ug/l	98
70) Styrene	12.413	104	502030	19.931	ug/l	99
71) Bromoform	12.577	173	111544	19.580	ug/l #	99
73) Isopropylbenzene	12.701	105	822092	19.384	ug/l	100
74) N-amyl acetate	12.495	43	213835	17.031	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.936	83	252259	18.931	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	213170m	20.058	ug/l	
77) Bromobenzene	12.983	156	174816	18.913	ug/l	97
78) n-propylbenzene	13.042	91	901007	19.214	ug/l	100
79) 2-Chlorotoluene	13.130	91	556016	19.231	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	638927	20.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	67117	17.842	ug/l	94
82) 4-Chlorotoluene	13.224	91	526781	19.499	ug/l	100
83) tert-Butylbenzene	13.442	119	595129	19.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.489	105	593583	20.180	ug/l	100
85) sec-Butylbenzene	13.618	105	815090	19.415	ug/l	100
86) p-Isopropyltoluene	13.736	119	636118	19.693	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	312177	18.991	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	305373	18.815	ug/l	99
89) n-Butylbenzene	14.060	91	476118	19.047	ug/l	98
90) Hexachloroethane	14.336	117	124730	17.479	ug/l	100
91) 1,2-Dichlorobenzene	14.113	146	306474	18.798	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	45326	18.394	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	69502	18.110	ug/l	97
94) Hexachlorobutadiene	15.507	225	64194	19.485	ug/l	98
95) Naphthalene	15.648	128	249762	17.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	63346	17.667	ug/l	94

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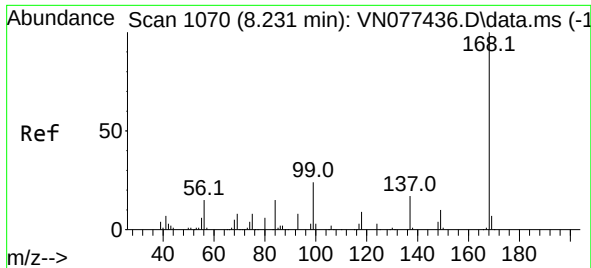
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

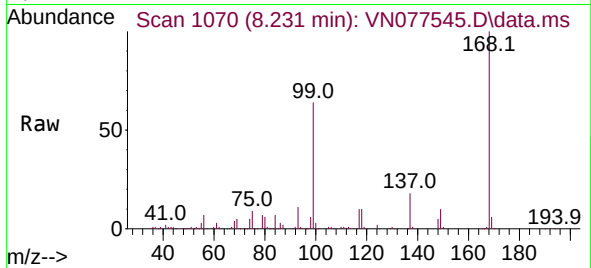
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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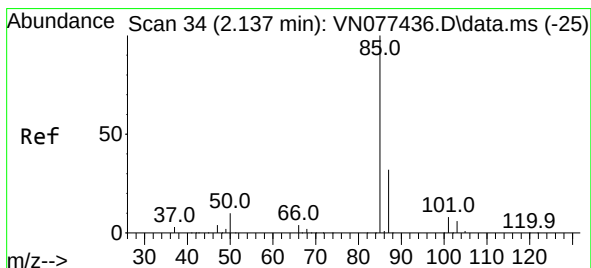
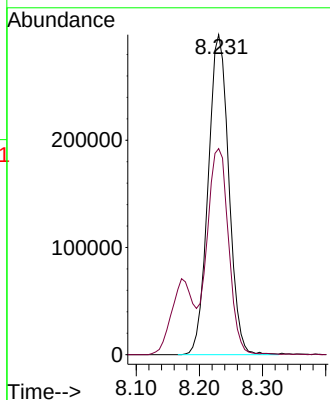
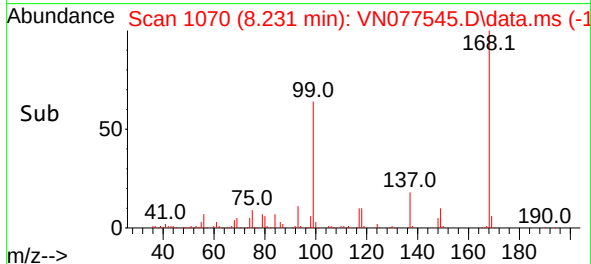
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion:168 Resp: 677159
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

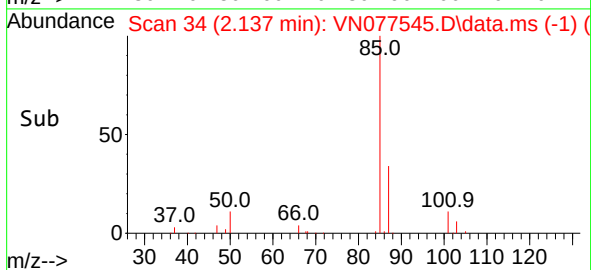
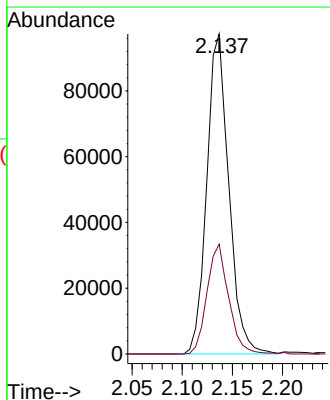
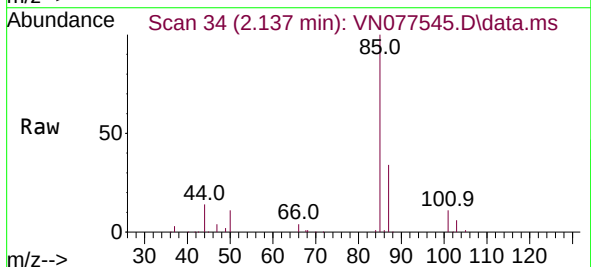
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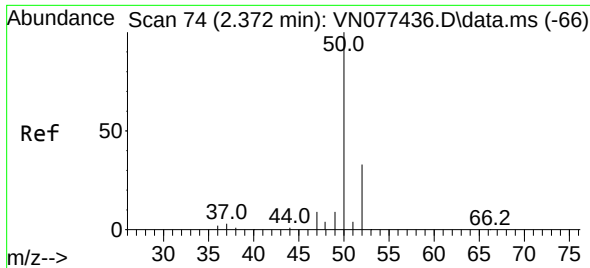
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 17.427 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

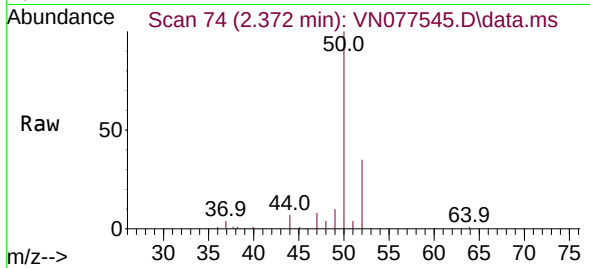
Tgt Ion: 85 Resp: 148892
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





#3
Chloromethane
Concen: 17.011 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

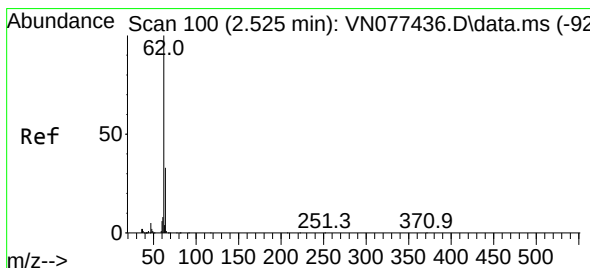
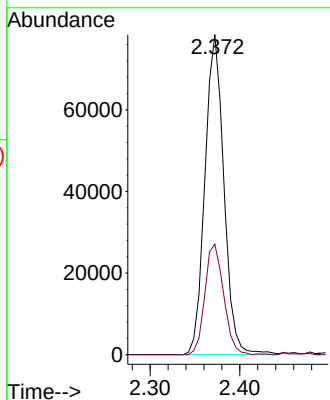
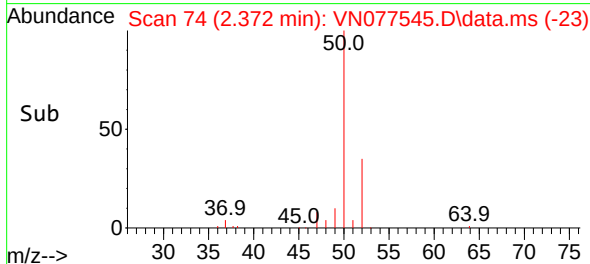
Instrument :
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Tgt Ion: 50 Resp: 11546
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

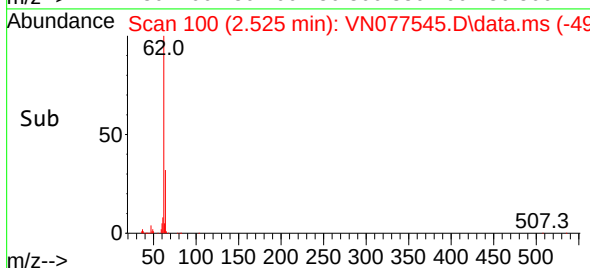
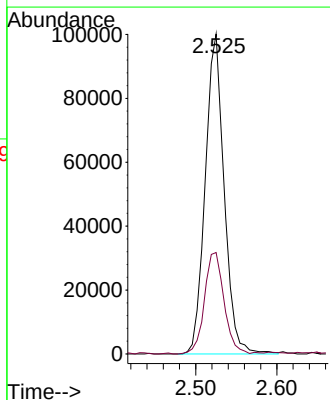
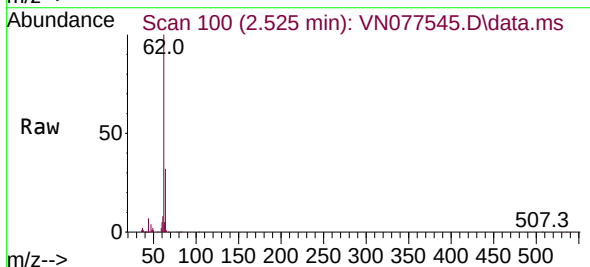
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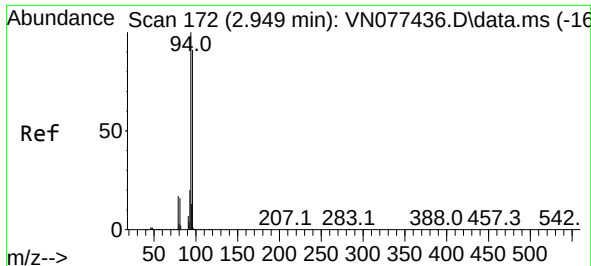
Reviewed By :John Carlone 05/02/2023
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#4
Vinyl Chloride
Concen: 17.898 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077545.D
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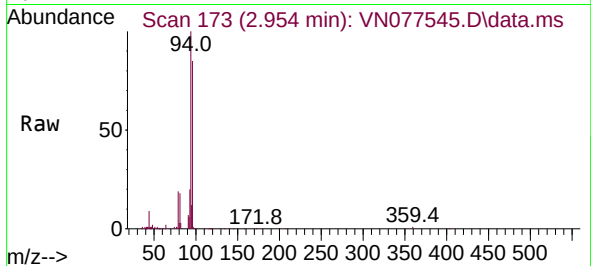
Tgt Ion: 62 Resp: 161844
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 18.279 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

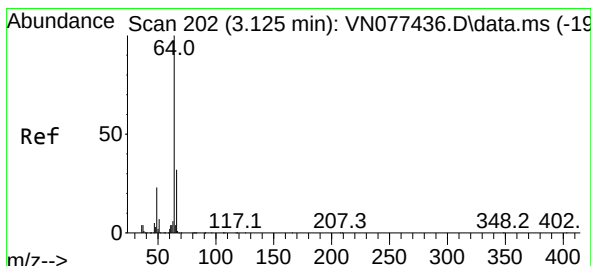
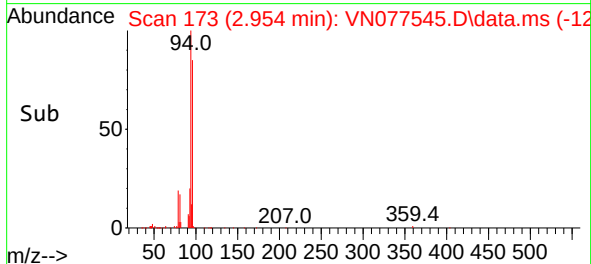
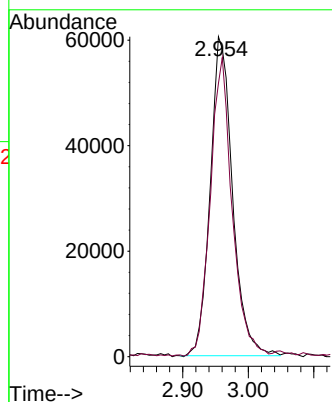
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Tgt Ion: 94 Resp: 143170
Ion Ratio Lower Upper
94 100
96 85.2 73.1 109.7

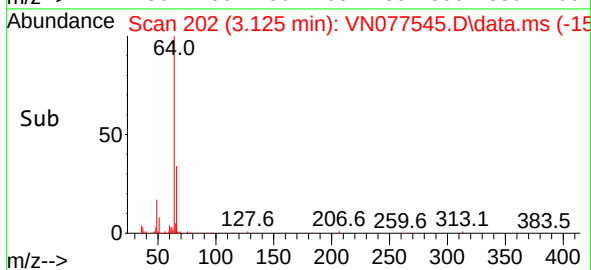
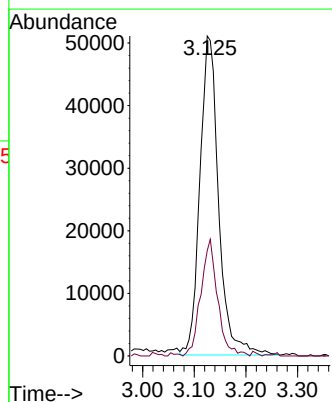
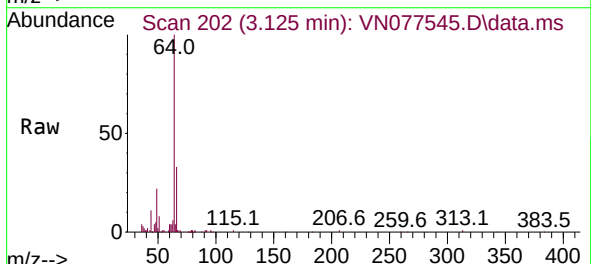
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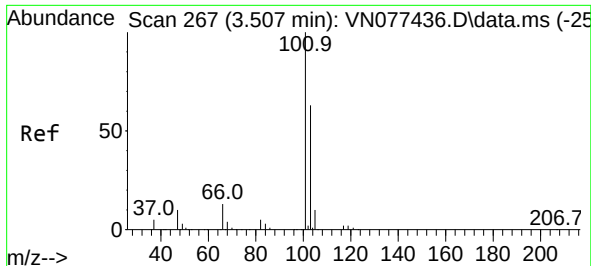
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#6
Chloroethane
Concen: 18.680 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077545.D
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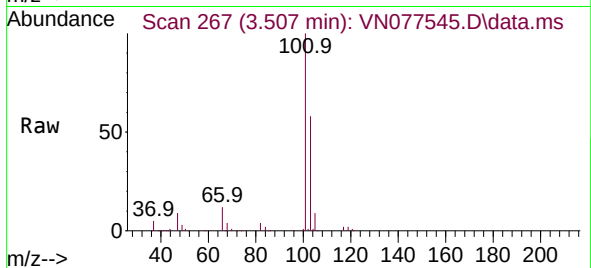
Tgt Ion: 64 Resp: 128328
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.183 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN077545.D
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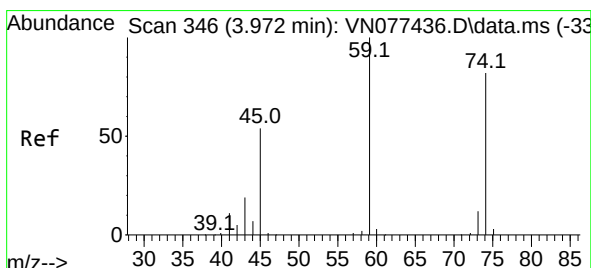
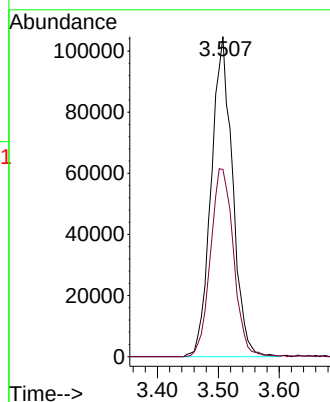
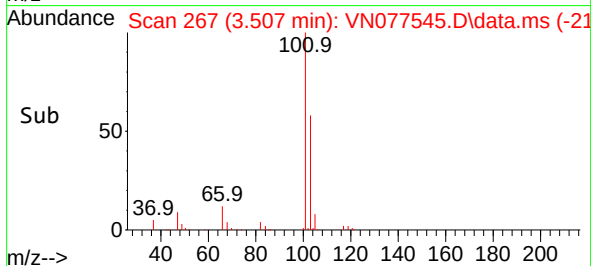
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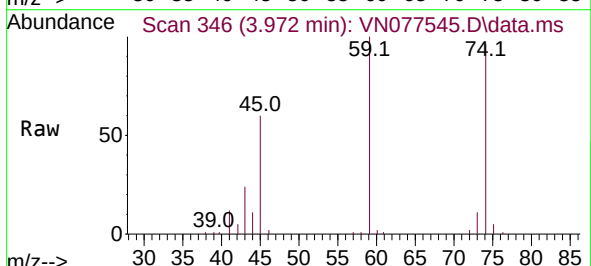
Tgt Ion:101 Resp: 254950
 Ion Ratio Lower Upper
 101 100
 103 58.5 50.7 76.1

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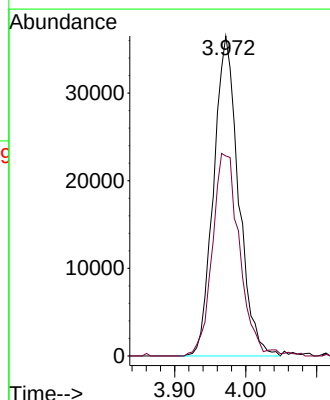
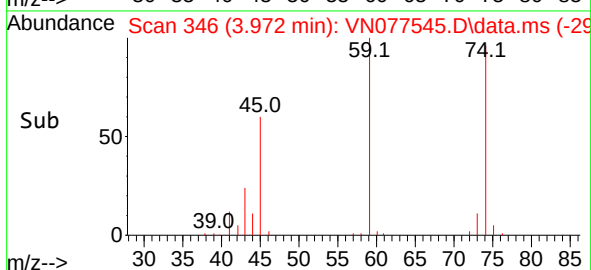
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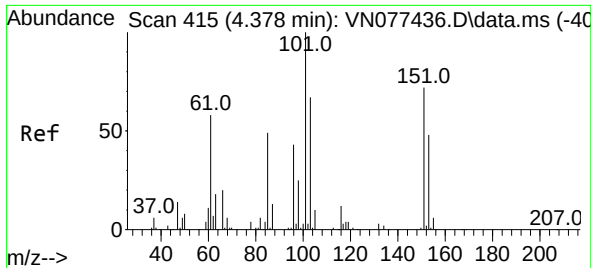


#8
 Diethyl Ether
 Concen: 18.432 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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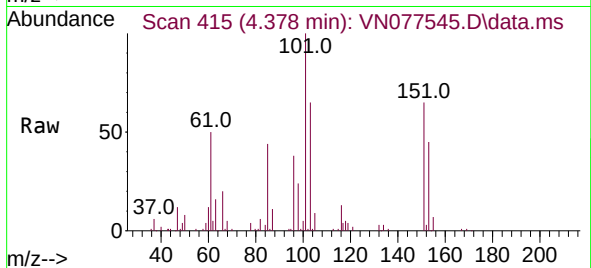
Tgt Ion: 74 Resp: 89019
 Ion Ratio Lower Upper
 74 100
 45 68.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.629 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
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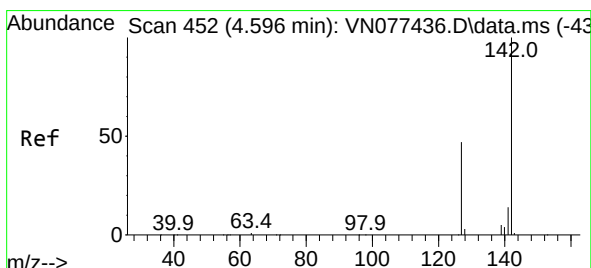
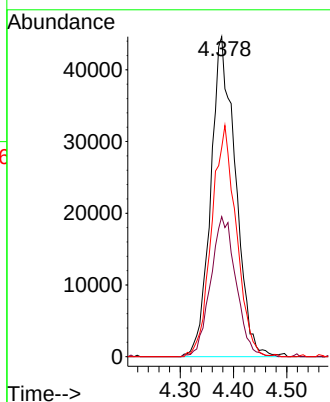
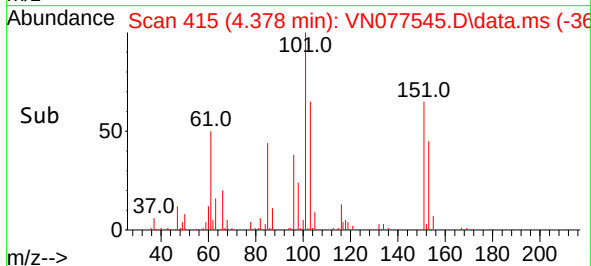
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



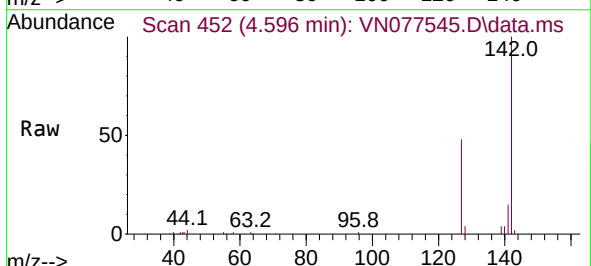
Tgt Ion:101 Resp: 143990
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 72.1 57.6 86.4

Manual Integrations
APPROVED

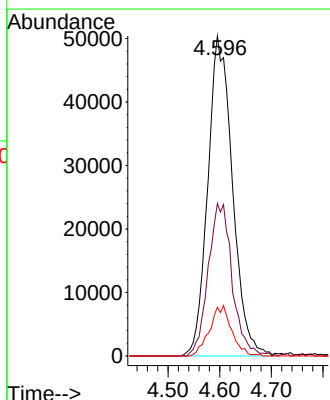
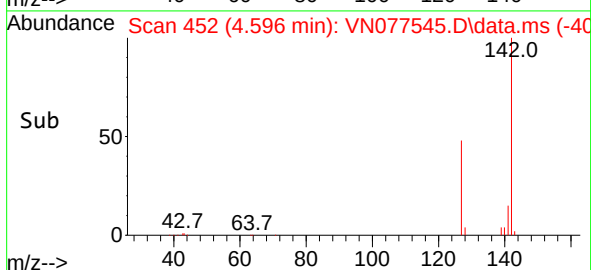
Reviewed By :John Carbone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

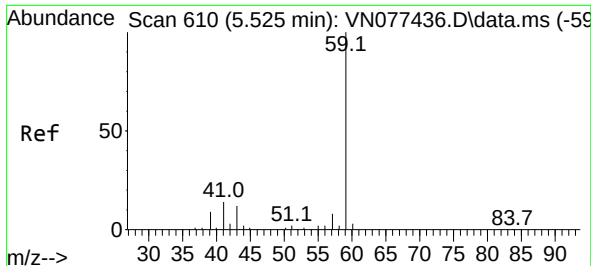


#10
Methyl Iodide
Concen: 17.626 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



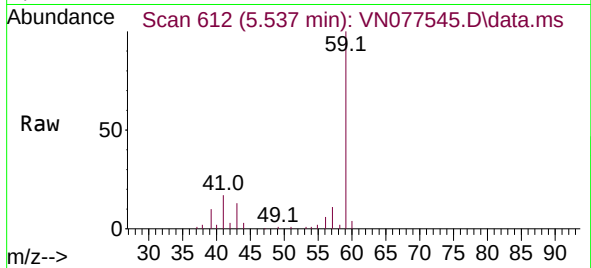
Tgt Ion:142 Resp: 167377
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.871 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

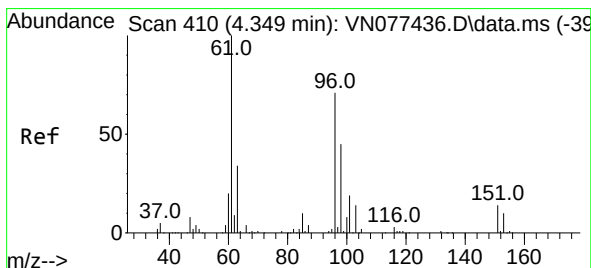
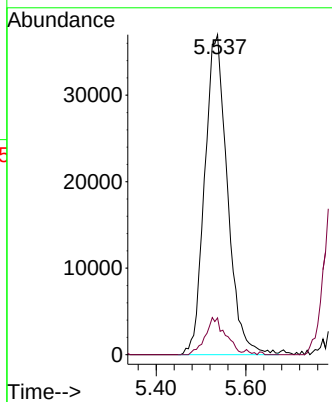
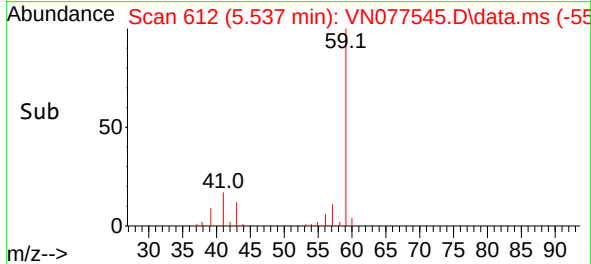
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion: 59 Resp: 130320
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

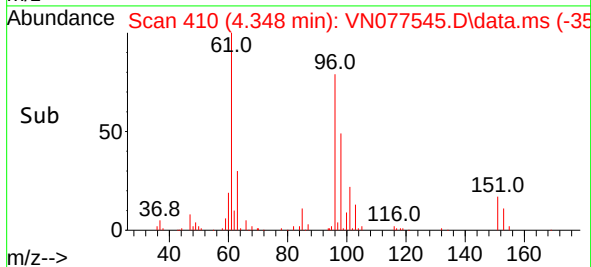
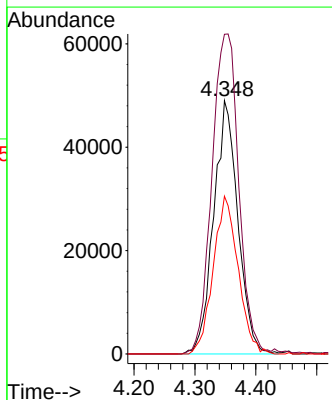
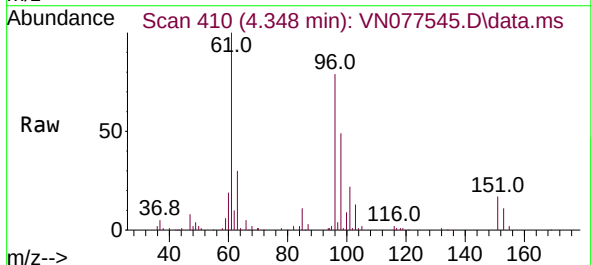
Manual Integrations
APPROVED

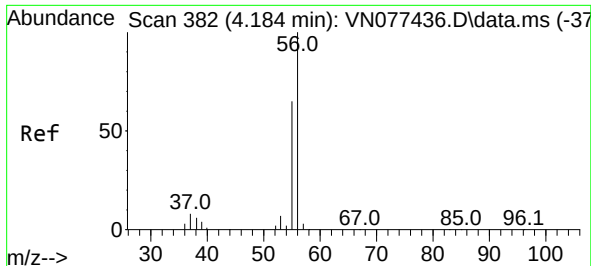
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 17.951 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Tgt Ion: 96 Resp: 135654
Ion Ratio Lower Upper
96 100
61 126.2 112.7 169.1
98 62.3 51.2 76.8





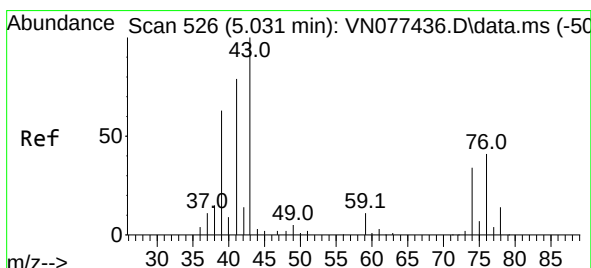
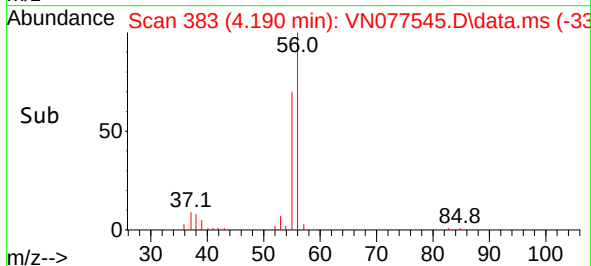
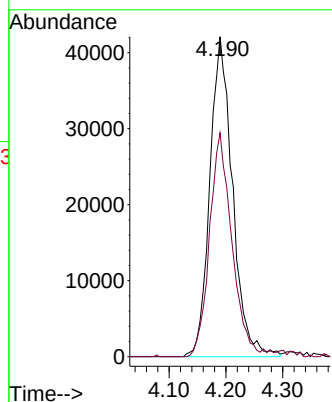
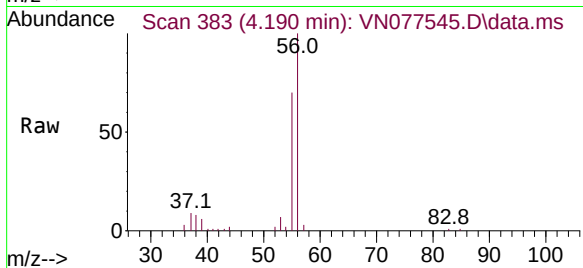
#13
Acrolein
Concen: 82.485 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion: 56 Resp: 116397
Ion Ratio Lower Upper
56 100
55 68.5 54.5 81.7

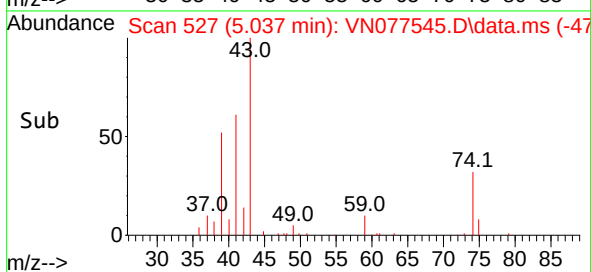
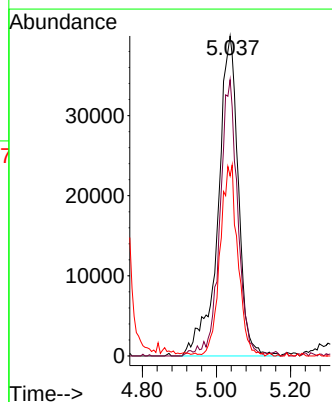
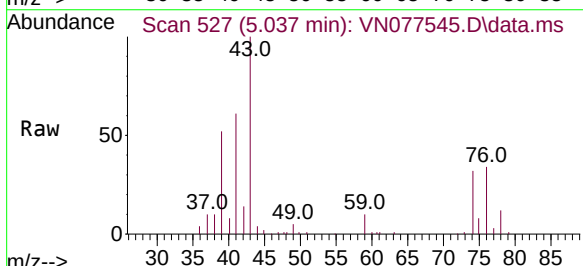
Manual Integrations
APPROVED

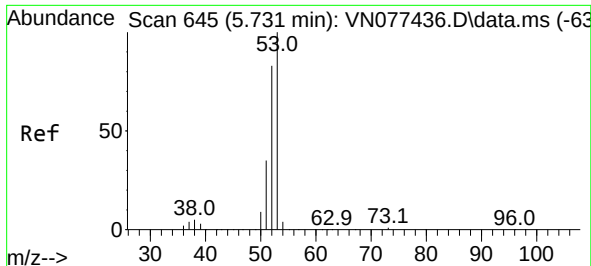
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 18.069 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

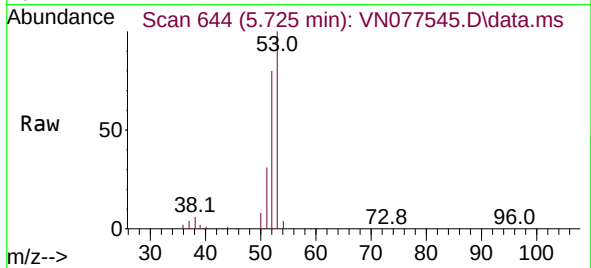
Tgt Ion: 41 Resp: 151806
Ion Ratio Lower Upper
41 100
39 75.7 58.8 88.2
76 52.3 39.1 58.7





#15
Acrylonitrile
Concen: 96.811 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

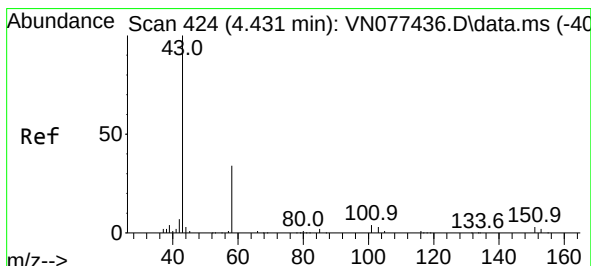
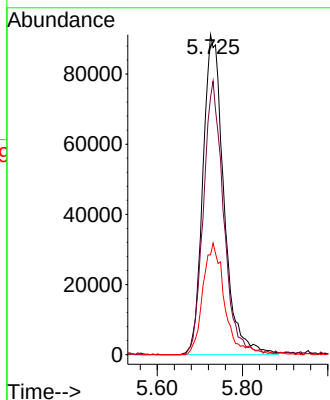
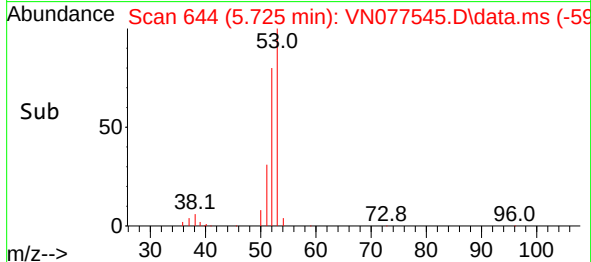
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



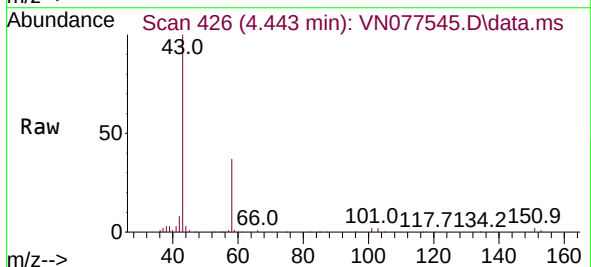
Tgt Ion: 53 Resp: 311530
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 36.3 28.9 43.3

Manual Integrations
APPROVED

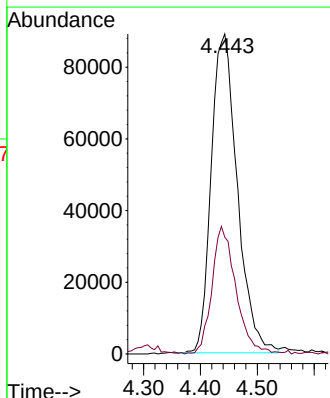
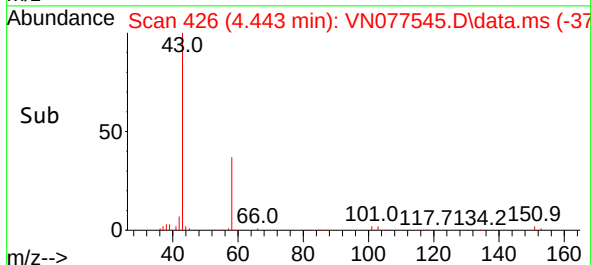
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

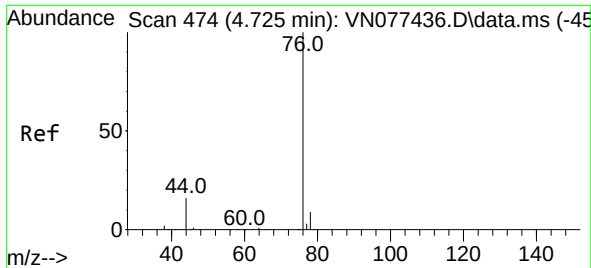


#16
Acetone
Concen: 100.865 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 43 Resp: 283545
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





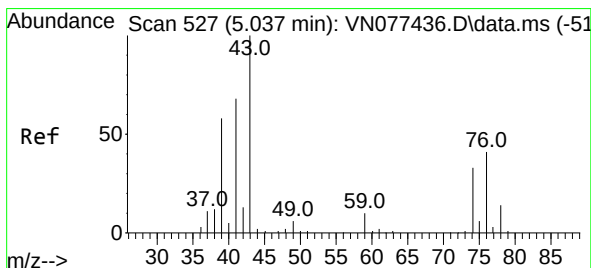
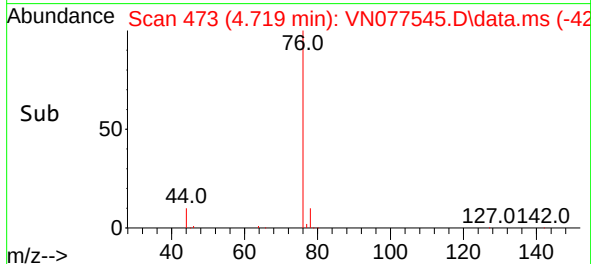
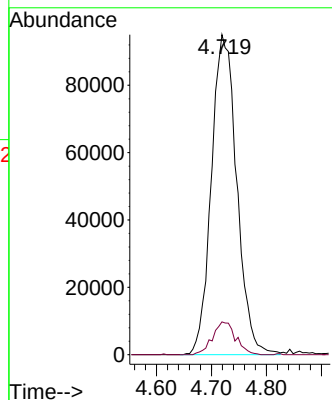
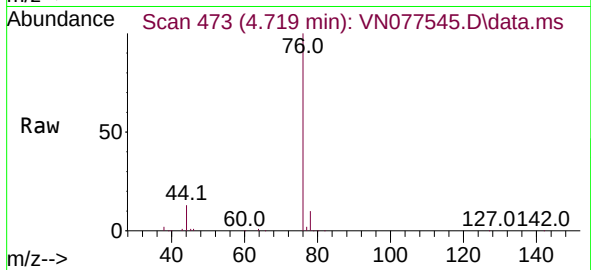
#17
Carbon Disulfide
Concen: 15.879 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion: 76 Resp: 304912
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

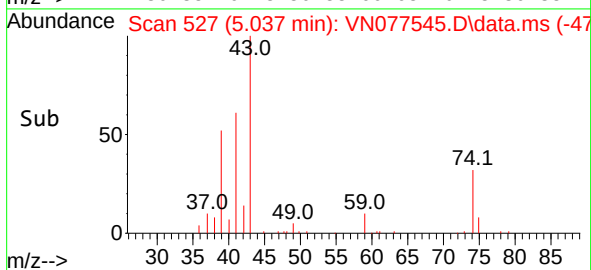
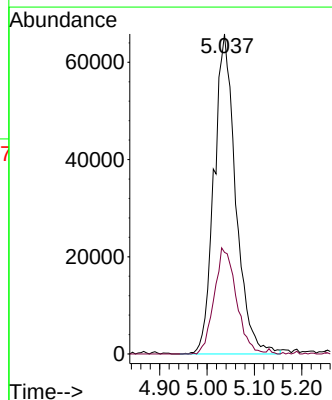
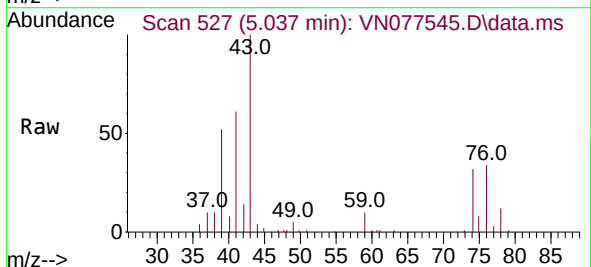
Manual Integrations
APPROVED

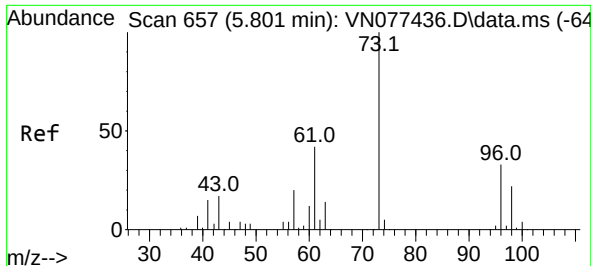
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Tgt Ion: 43 Resp: 209493
Ion Ratio Lower Upper
43 100
74 33.8 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 18.663 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 73 Resp: 46904

Ion Ratio Lower Upper

73 100

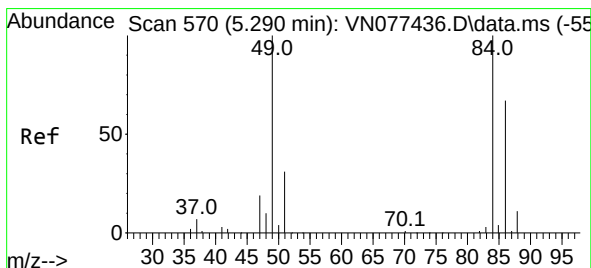
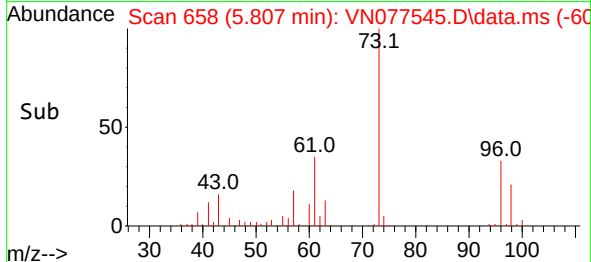
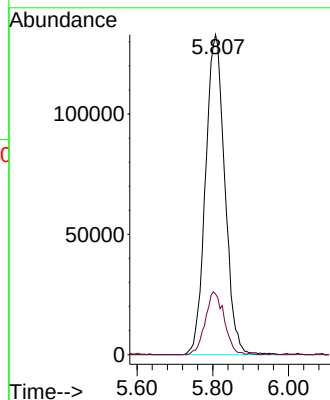
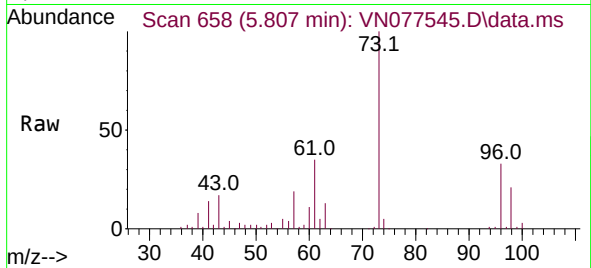
57 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#20

Methylene Chloride

Concen: 18.184 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion: 84 Resp: 162106

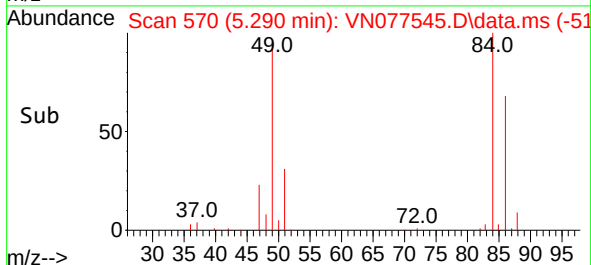
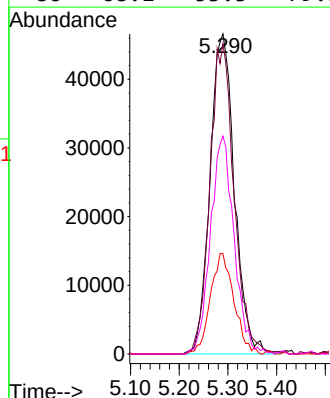
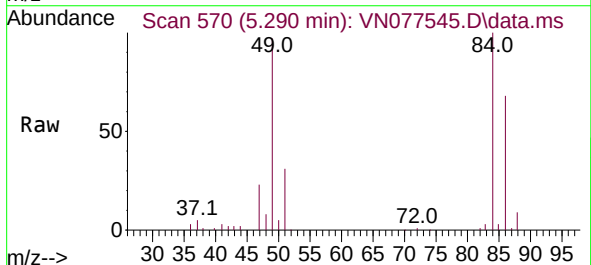
Ion Ratio Lower Upper

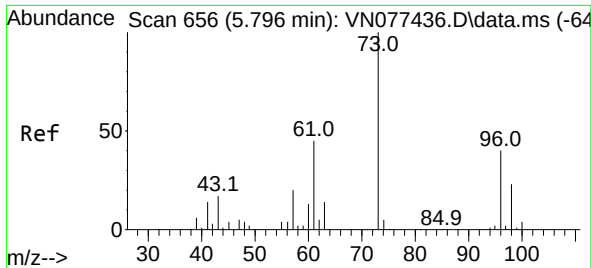
84 100

49 97.0 79.7 119.5

51 31.4 25.2 37.8

86 68.1 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 18.074 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 96 Resp: 147692

Ion Ratio Lower Upper

96 100

61 114.8 90.1 135.1

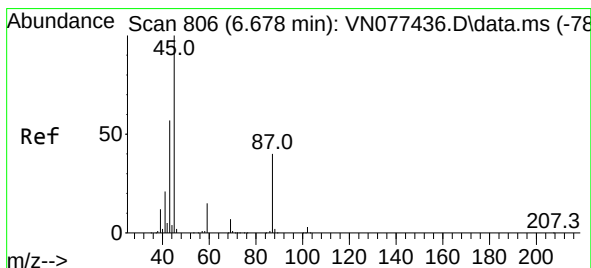
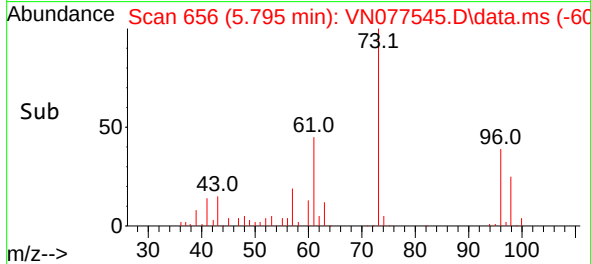
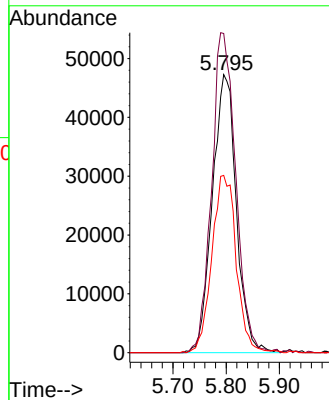
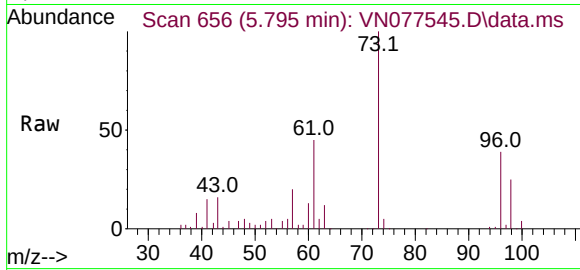
98 63.8 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#22

Diisopropyl ether

Concen: 18.243 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion: 45 Resp: 351764

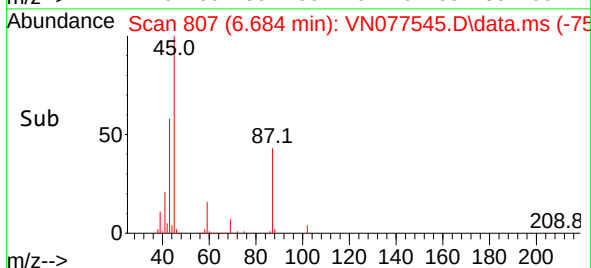
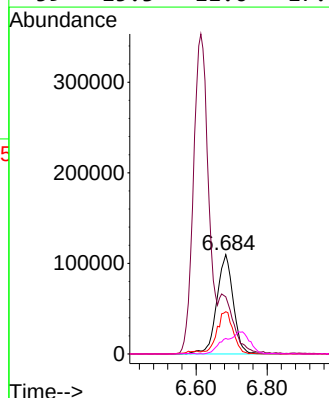
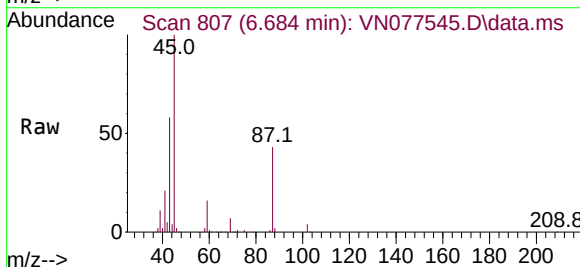
Ion Ratio Lower Upper

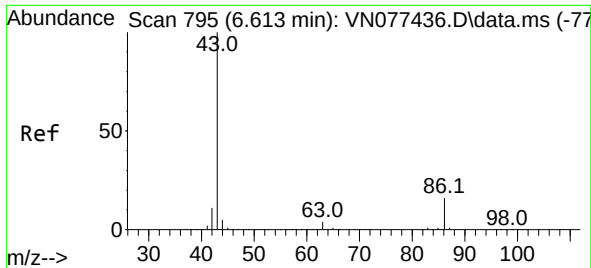
45 100

43 56.4 45.5 68.3

87 42.6 31.8 47.8

59 15.3 11.6 17.4





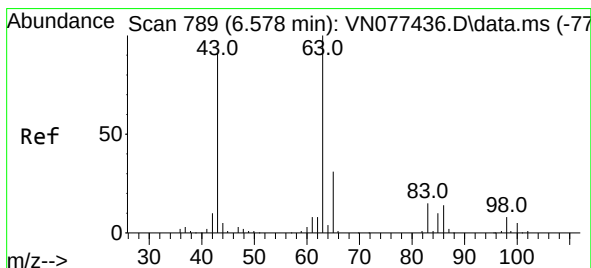
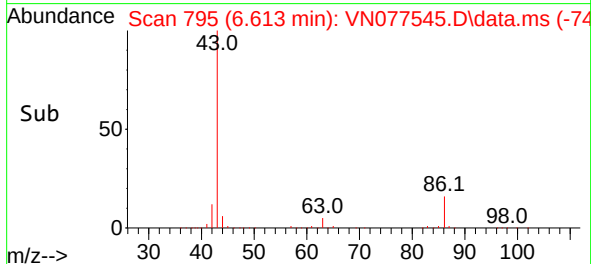
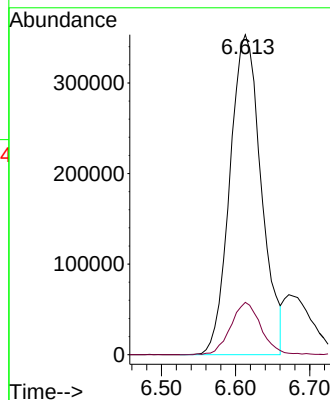
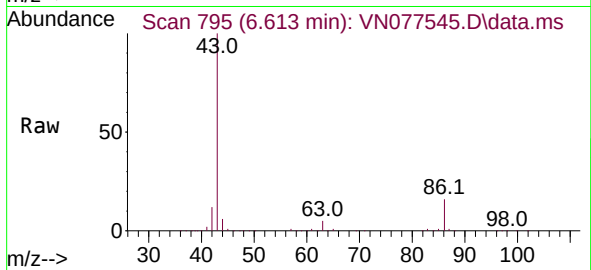
#23
 Vinyl Acetate
 Concen: 86.474 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077545.D
 Acq: 01 May 2023 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBSD02

Tgt Ion: 43 Resp: 104133
 Ion Ratio Lower Upper
 43 100
 86 16.3 13.0 19.6

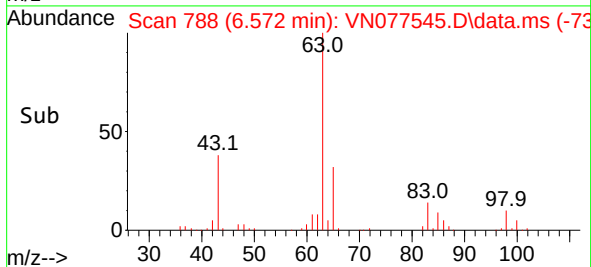
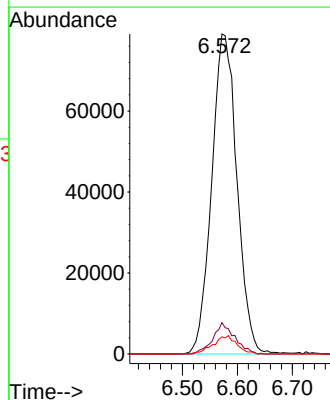
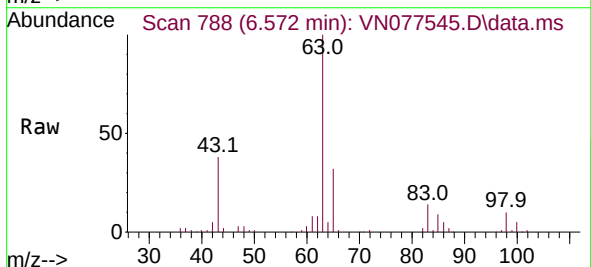
Manual Integrations
 APPROVED

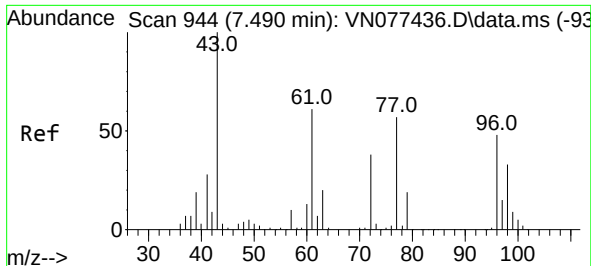
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#24
 1,1-Dichloroethane
 Concen: 18.480 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077545.D
 Acq: 01 May 2023 16:14

Tgt Ion: 63 Resp: 252235
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.9 11.7
 100 5.4 2.5 7.4





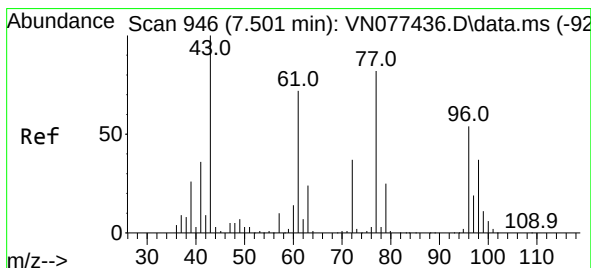
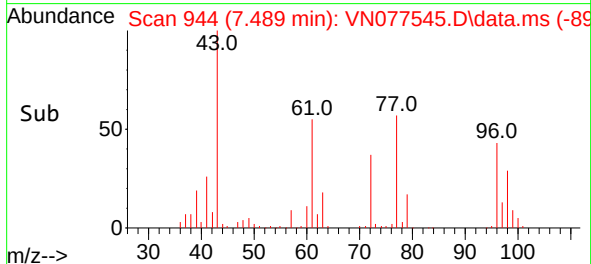
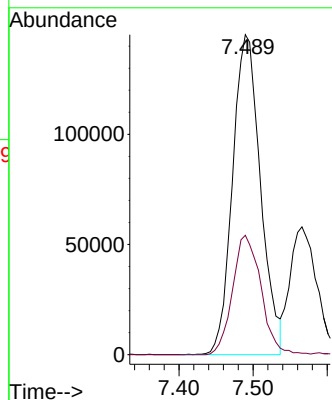
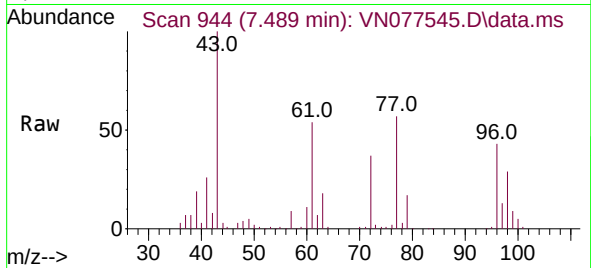
#25
2-Butanone
Concen: 95.513 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion: 43 Resp: 38082
Ion Ratio Lower Upper
43 100
72 37.3 30.2 45.2

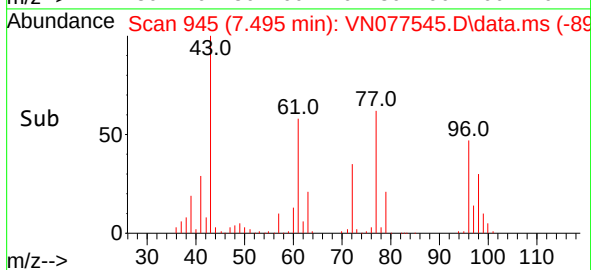
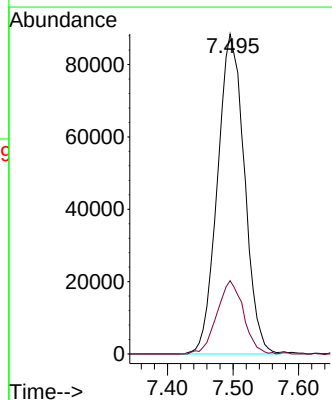
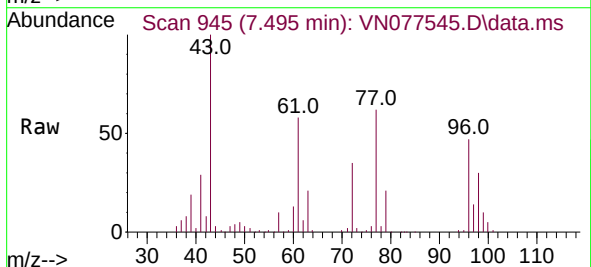
Manual Integrations
APPROVED

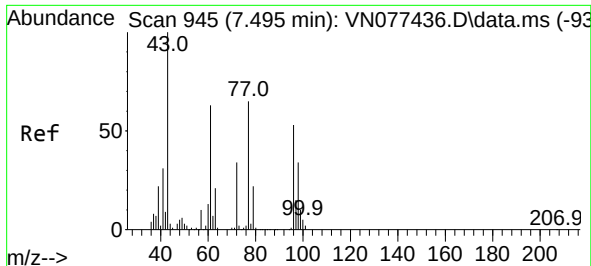
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 19.049 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

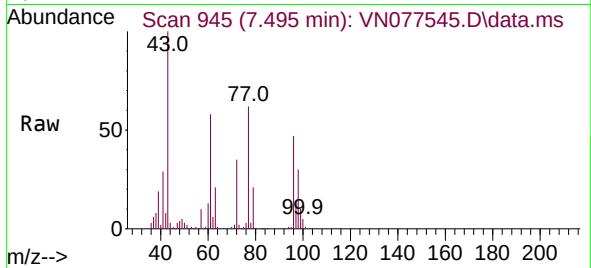
Tgt Ion: 77 Resp: 252112
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 18.395 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

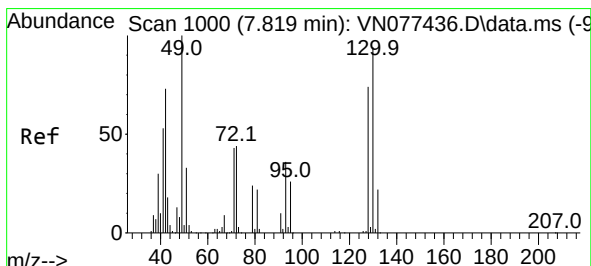
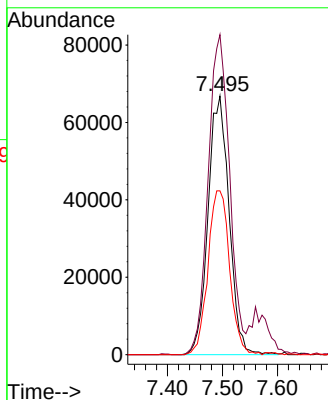
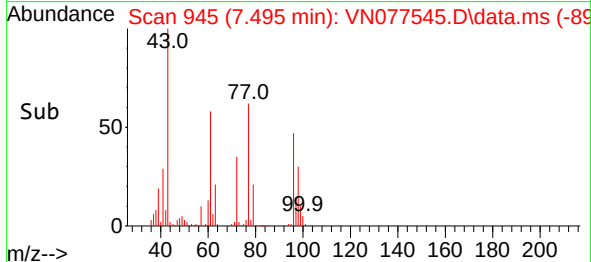
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



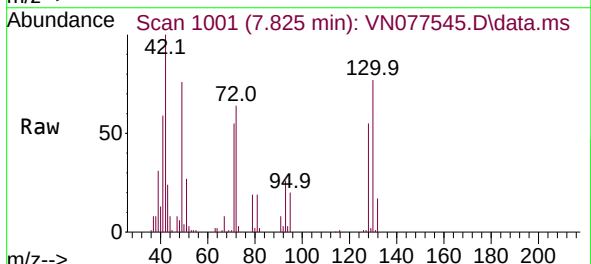
Tgt Ion: 96 Resp: 17802
Ion Ratio Lower Upper
96 100
61 126.2 0.0 255.2
98 65.1 0.0 128.8

Manual Integrations
APPROVED

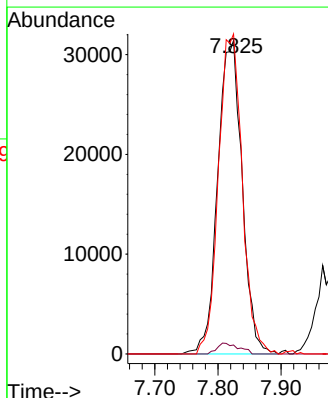
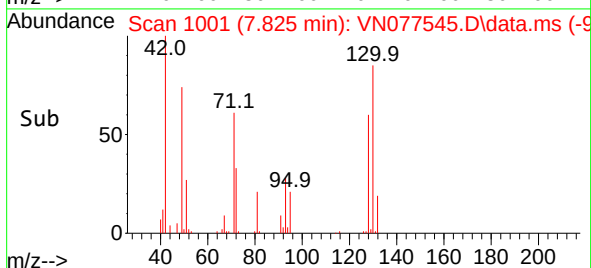
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

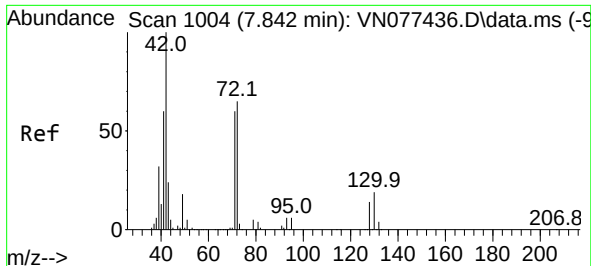


#28
Bromochloromethane
Concen: 16.115 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 49 Resp: 83998
Ion Ratio Lower Upper
49 100
129 3.1 0.0 4.8
130 99.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.913 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077545.D

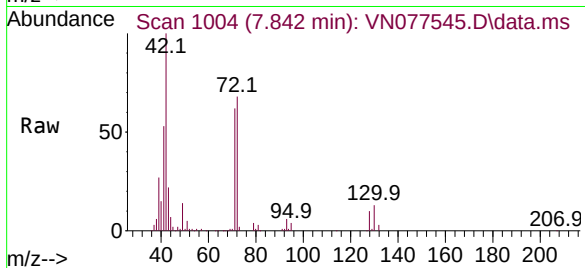
Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02



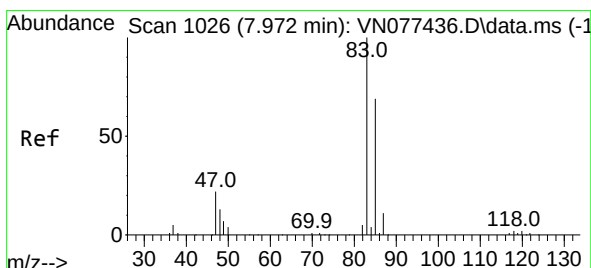
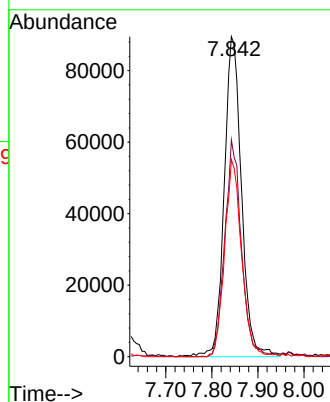
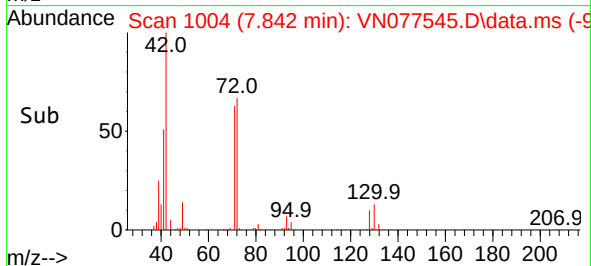
Tgt Ion:	42	Resp:	23211
Ion Ratio	100	Lower	Upper
42	100		
72	64.8	49.8	74.6
71	60.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 19.516 ug/l

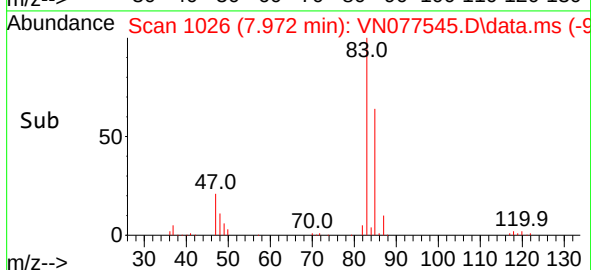
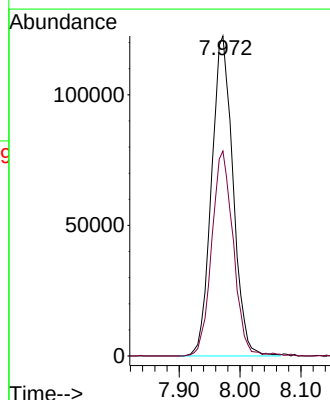
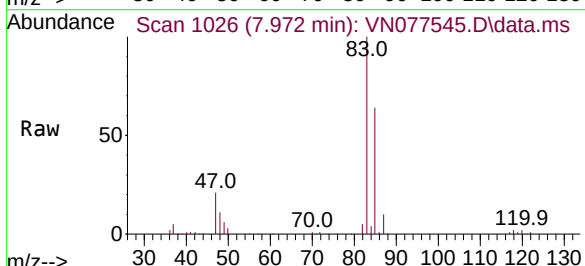
RT: 7.972 min Scan# 1026

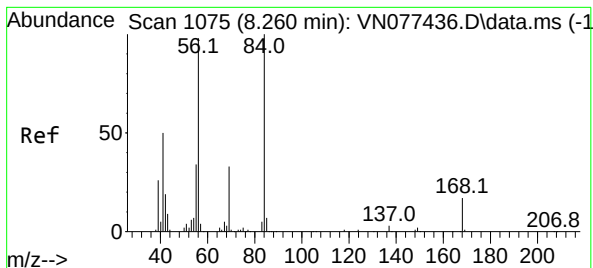
Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion:	83	Resp:	300205
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	55.4	83.0





#31

Cyclohexane

Concen: 16.983 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 56 Resp: 212580

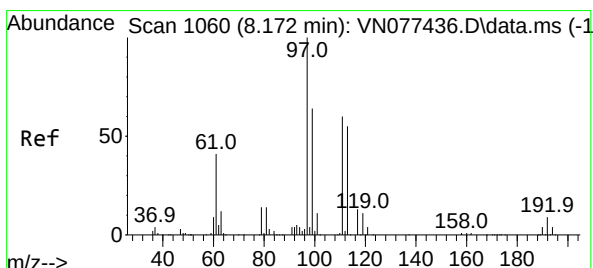
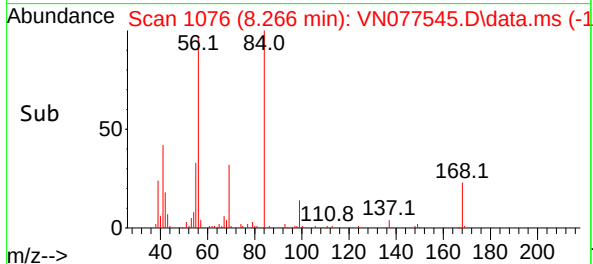
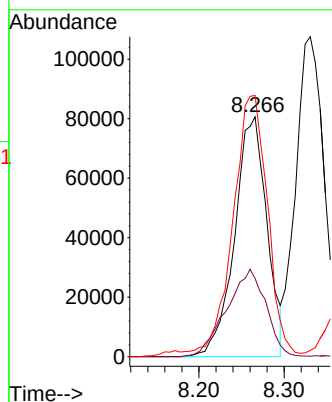
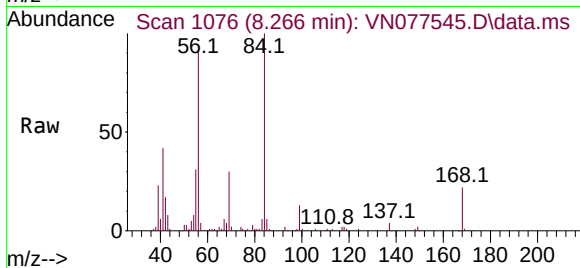
Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.8	40.2
84	107.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#32

1,1,1-Trichloroethane

Concen: 19.365 ug/l

RT: 8.178 min Scan# 1061

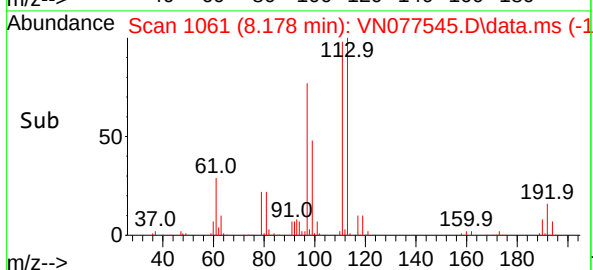
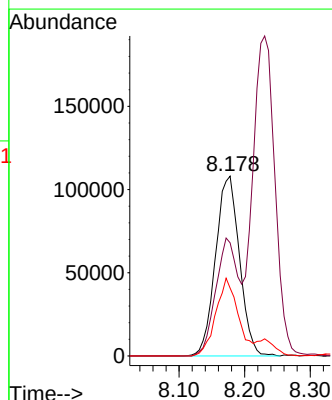
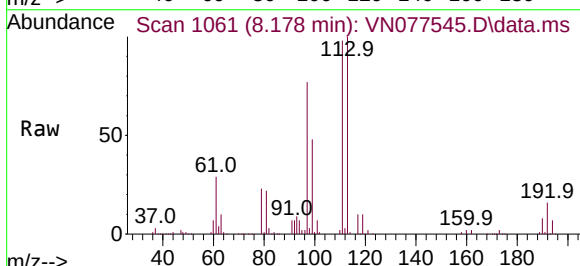
Delta R.T. 0.006 min

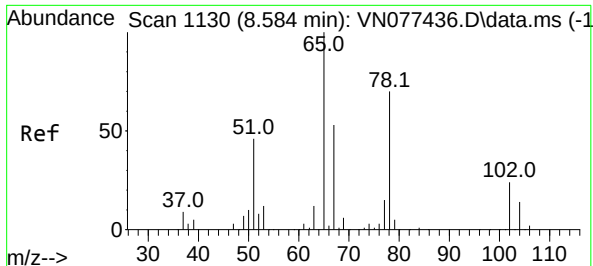
Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion: 97 Resp: 273855

Ion	Ratio	Lower	Upper
97	100		
99	61.5	50.3	75.5
61	40.4	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 46.682 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 65 Resp: 412484

Ion Ratio Lower Upper

65 100

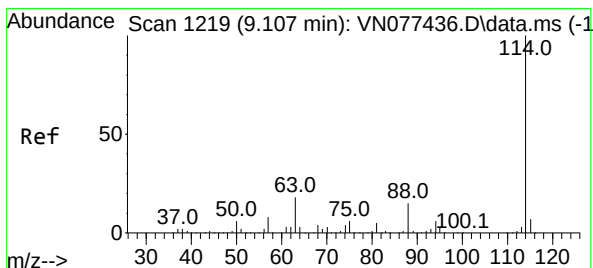
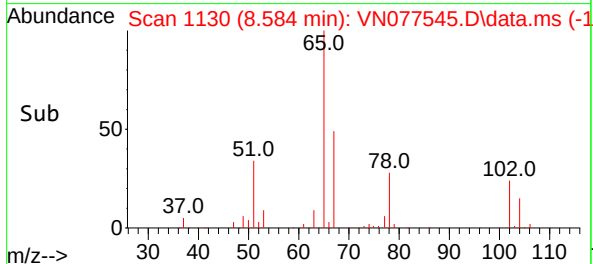
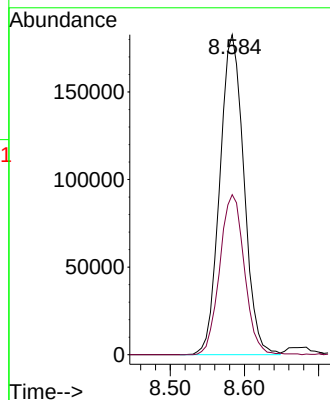
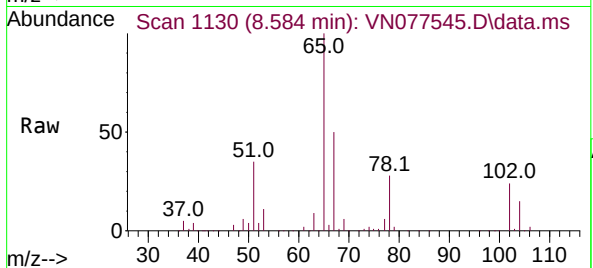
67 51.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

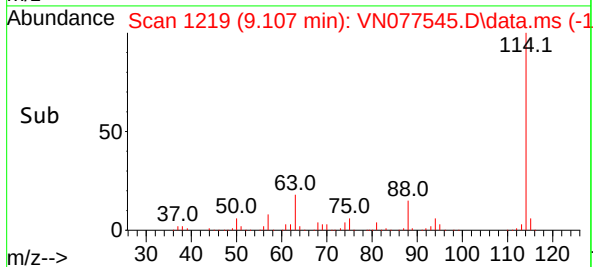
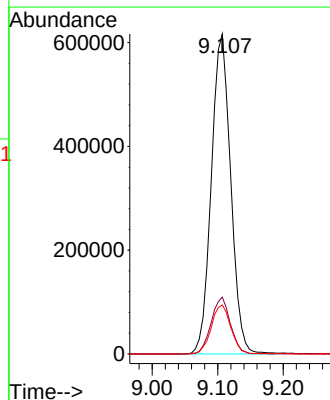
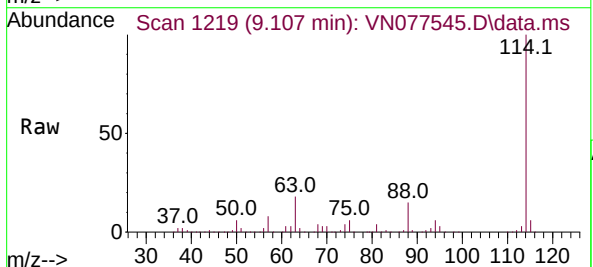
Tgt Ion:114 Resp: 1264704

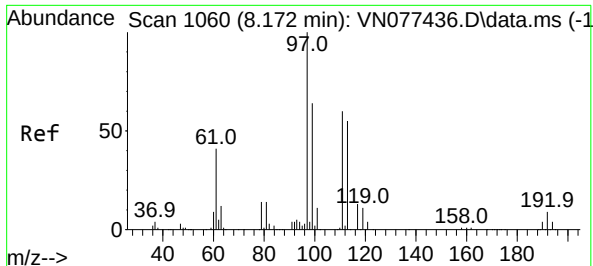
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

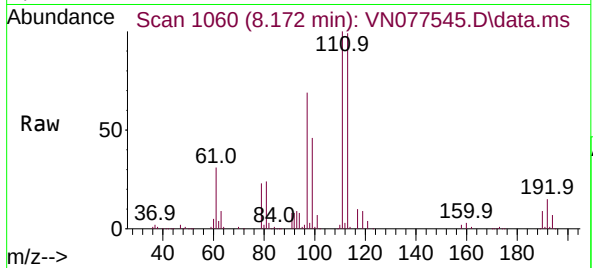
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.347 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

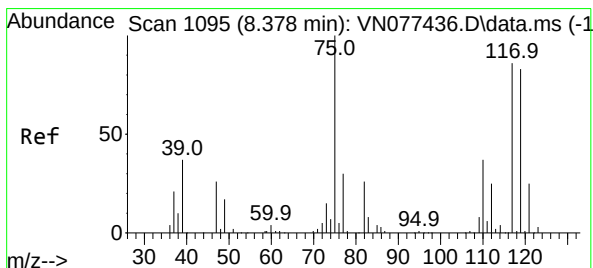
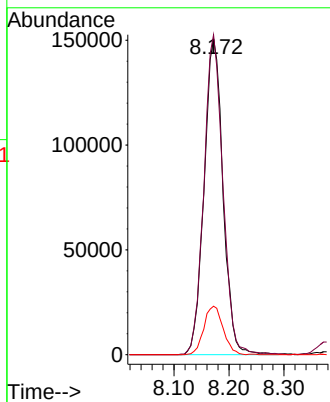
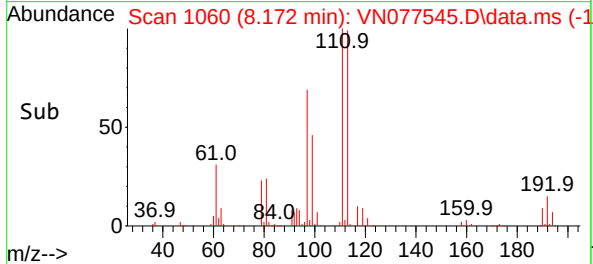
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



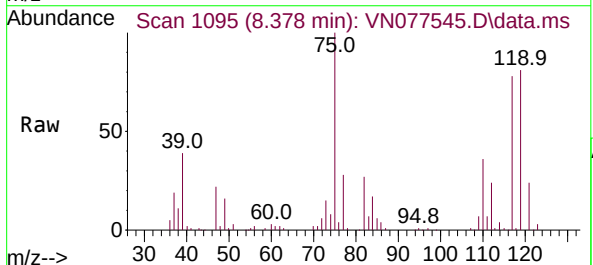
Tgt Ion: 113 Resp: 35990
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 15.6 12.7 19.1

Manual Integrations
APPROVED

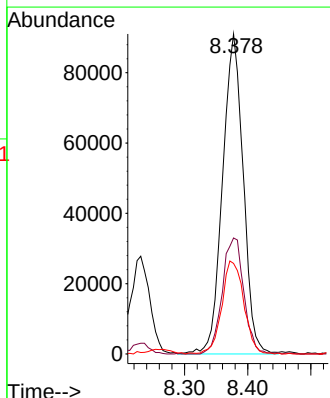
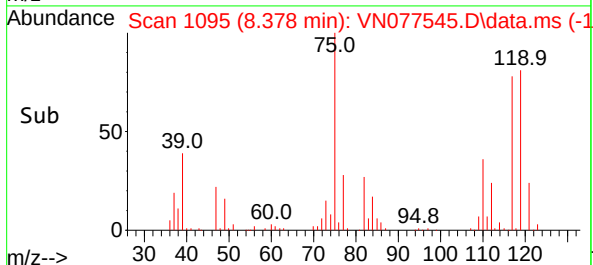
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

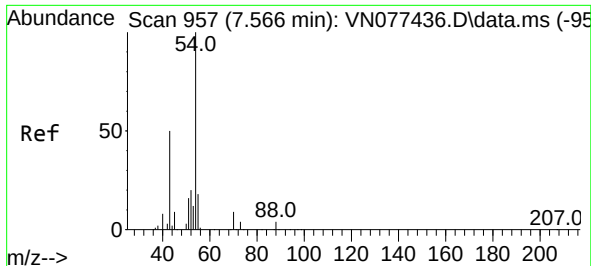


#36
1,1-Dichloropropene
Concen: 18.844 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



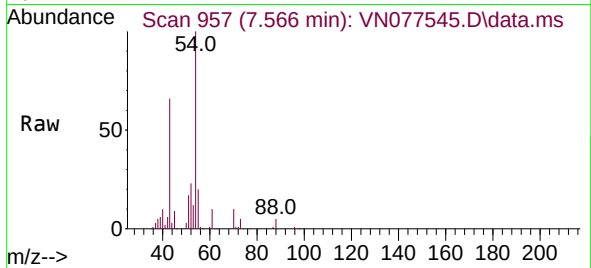
Tgt Ion: 75 Resp: 206947
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 17.767 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

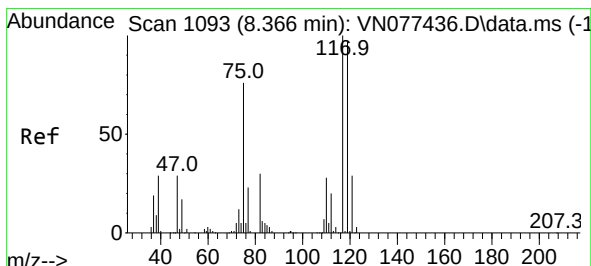
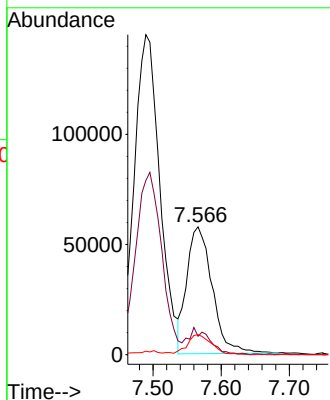
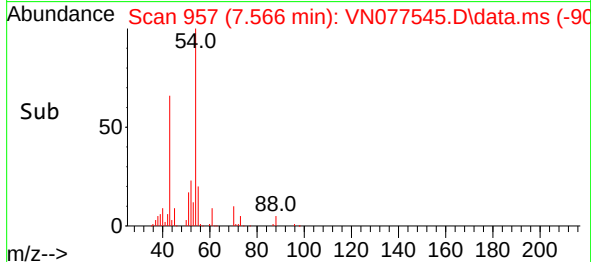
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion: 43 Resp: 148262
Ion Ratio Lower Upper
43 100
61 17.7 13.2 19.8
70 15.0 11.3 16.9

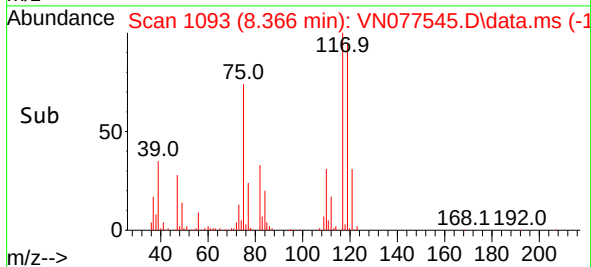
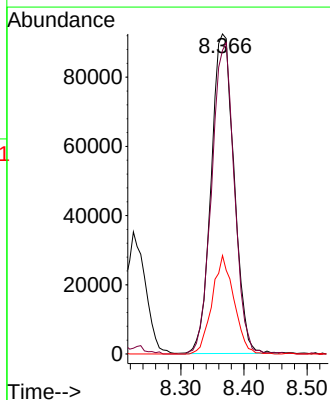
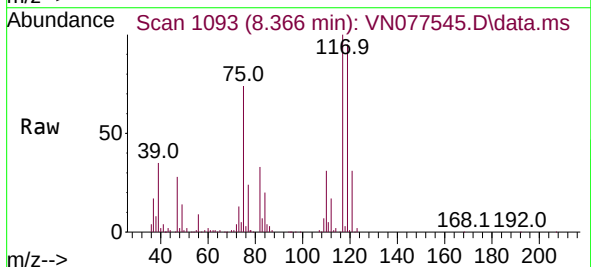
Manual Integrations
APPROVED

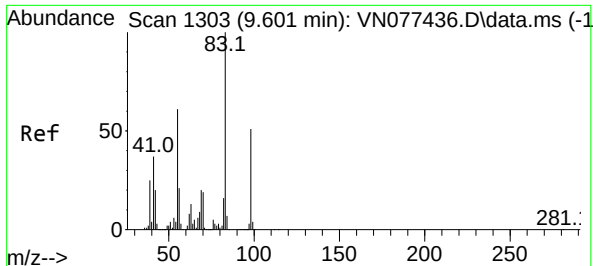
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#38
Carbon Tetrachloride
Concen: 19.228 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Tgt Ion:117 Resp: 232983
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 30.8 23.3 34.9





#39

Methylcyclohexane

Concen: 18.216 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 83 Resp: 26357

Ion Ratio Lower Upper

83 100

55 58.2 49.1 73.7

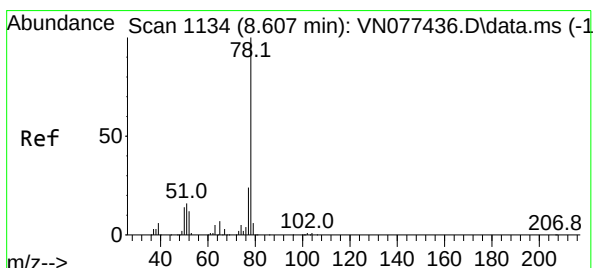
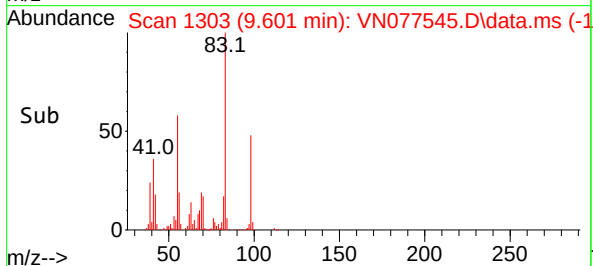
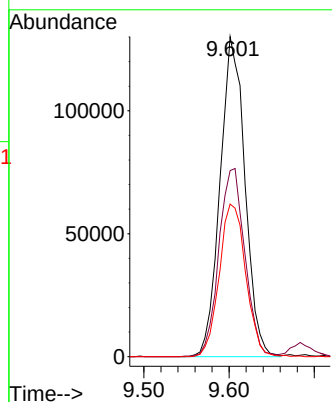
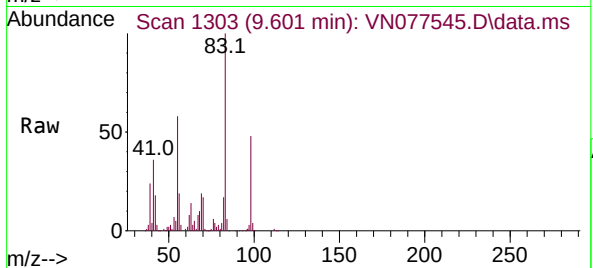
98 47.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 18.975 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077545.D

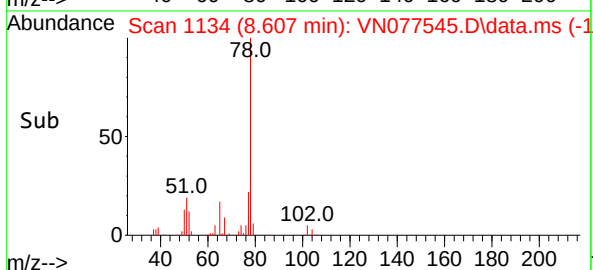
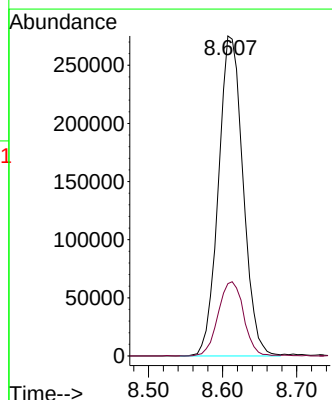
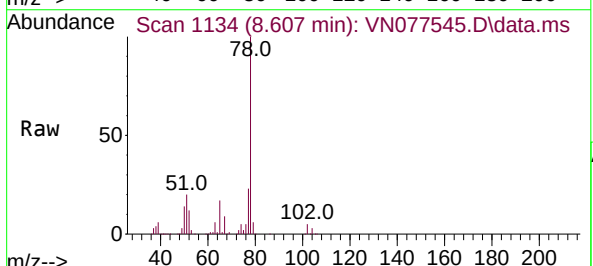
Acq: 01 May 2023 16:14

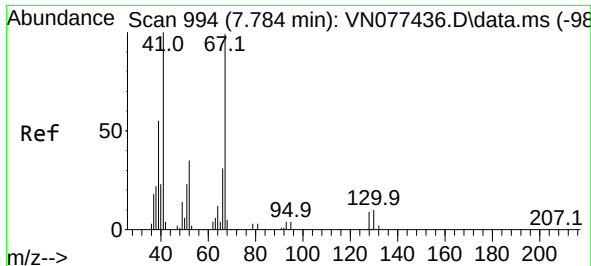
Tgt Ion: 78 Resp: 634814

Ion Ratio Lower Upper

78 100

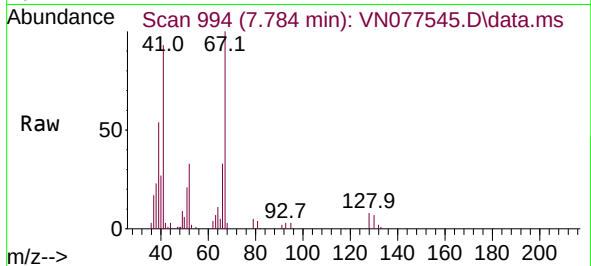
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 18.585 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

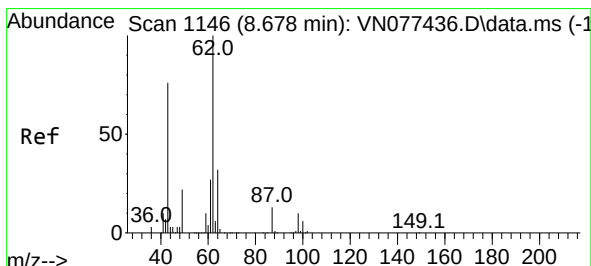
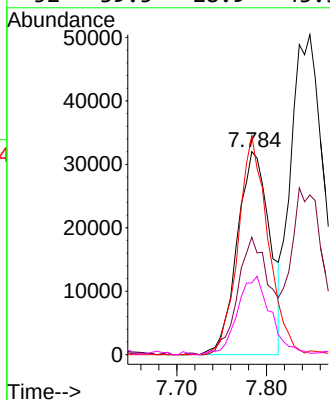
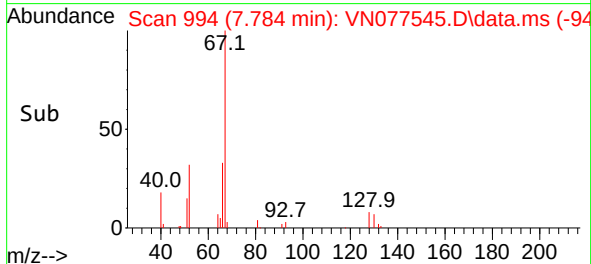
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion:	41	Resp:	80778
Ion Ratio	100	Lower	Upper
39	56.6	42.6	64.0
67	98.8	77.5	116.3
52	39.5	28.9	43.3

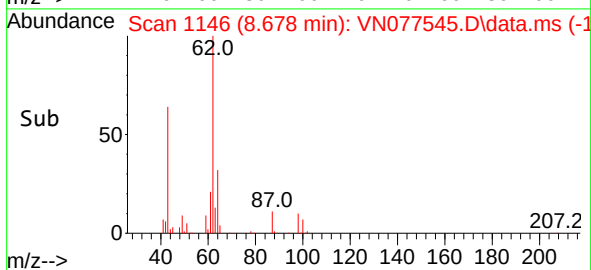
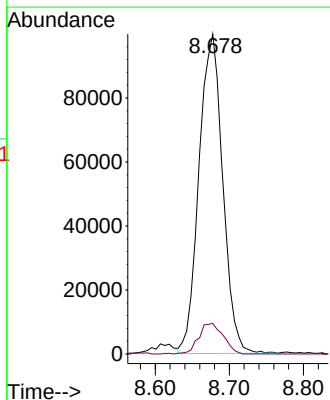
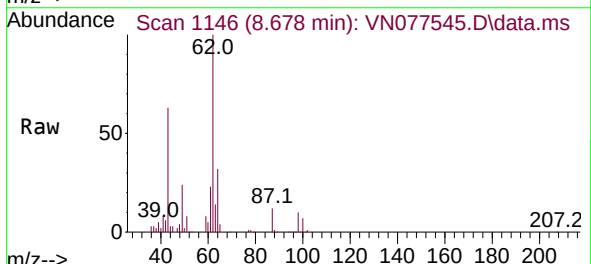
Manual Integrations
APPROVED

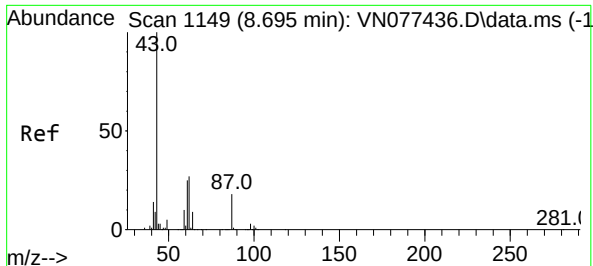
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 19.355 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

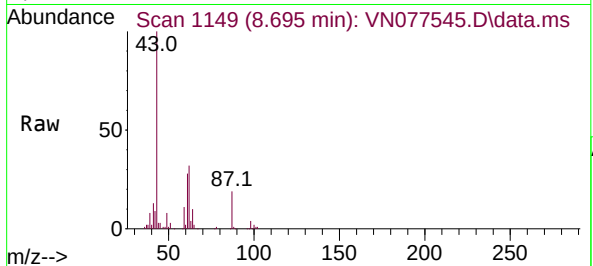
Tgt Ion:	62	Resp:	222397
Ion Ratio	100	Lower	Upper
98	9.9	0.0	19.8





#43
Isopropyl Acetate
Concen: 18.248 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

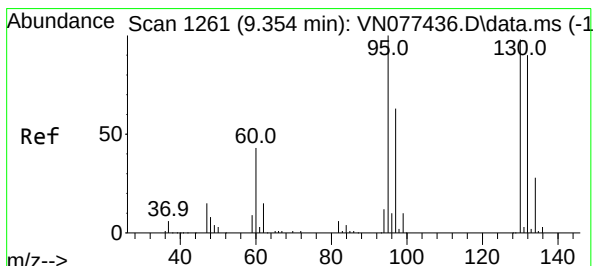
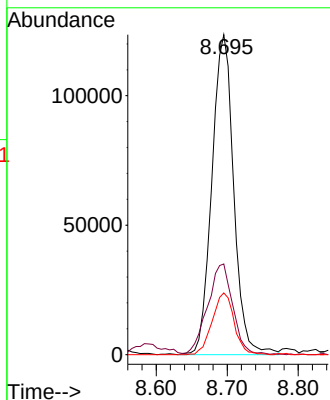
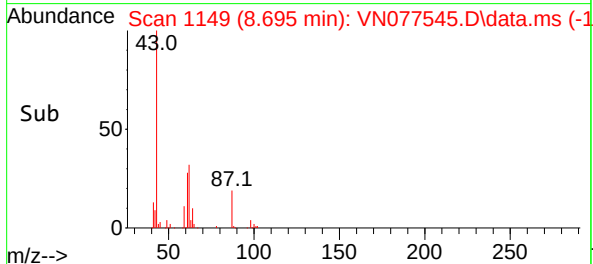
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



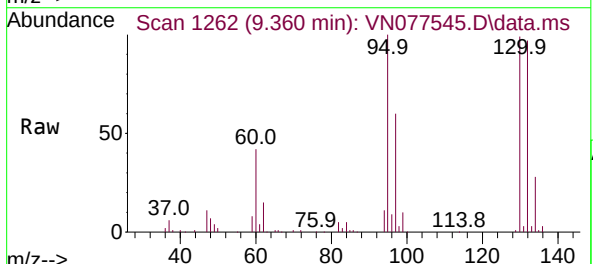
Tgt Ion: 43 Resp: 26343
Ion Ratio Lower Upper
43 100
61 32.9 24.7 37.1
87 19.3 14.6 21.8

Manual Integrations
APPROVED

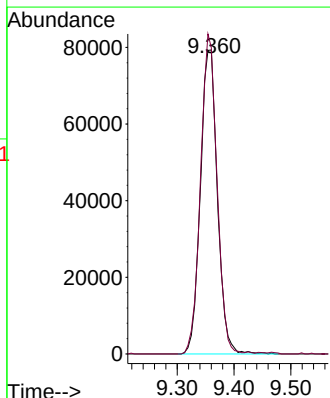
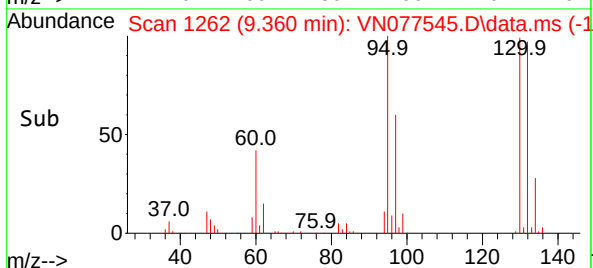
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

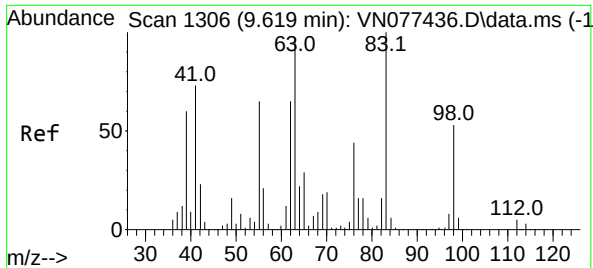


#44
Trichloroethene
Concen: 19.261 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion:130 Resp: 164987
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.368 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 63 Resp: 151784

Ion Ratio Lower Upper

63 100

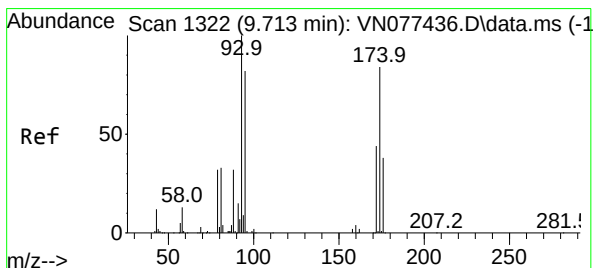
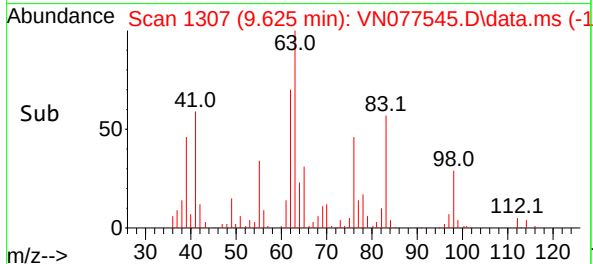
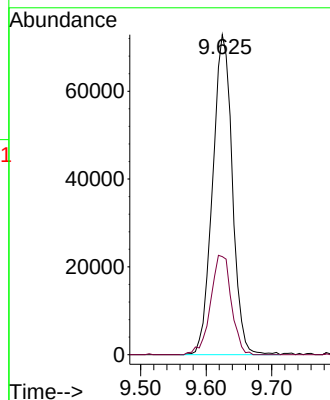
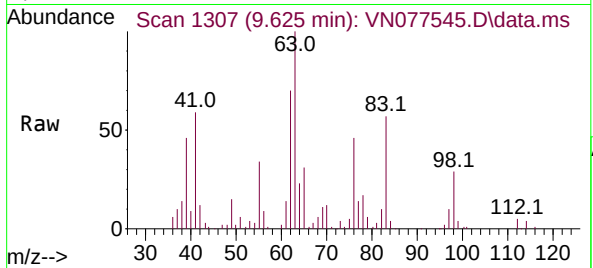
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 18.914 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

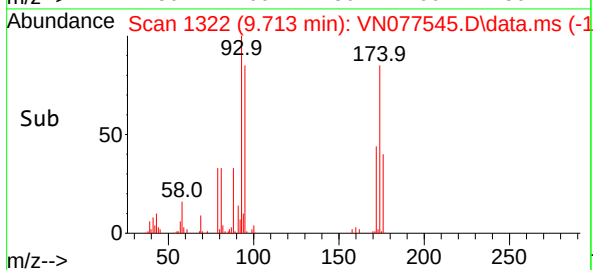
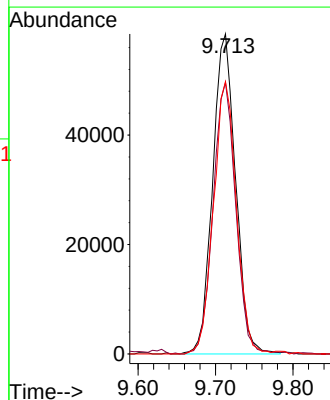
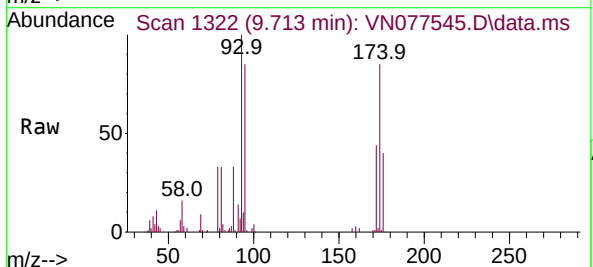
Tgt Ion: 93 Resp: 120273

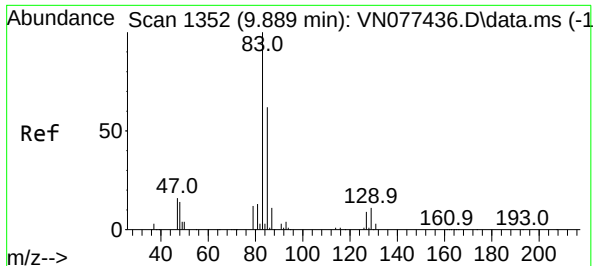
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

174 85.0 65.6 98.4





#47

Bromodichloromethane

Concen: 19.349 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 83 Resp: 23798

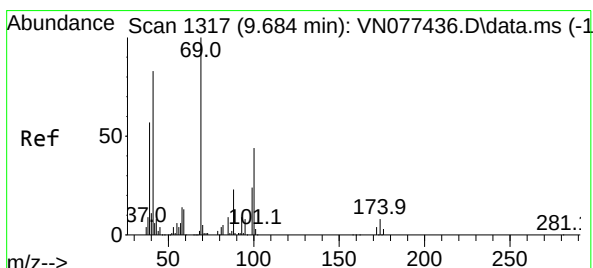
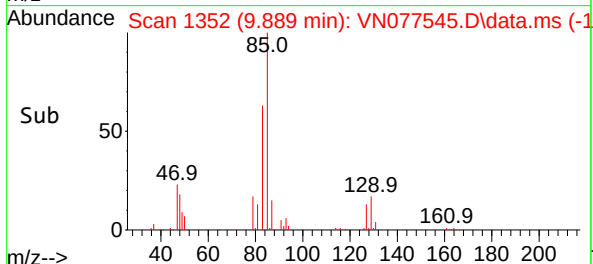
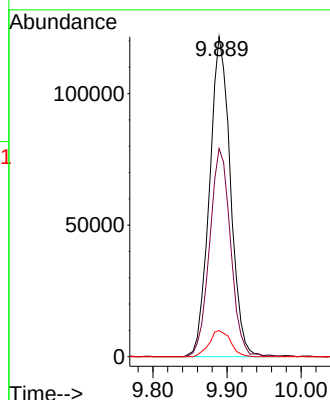
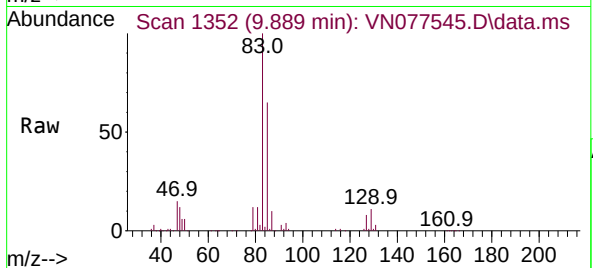
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.6	74.4
127	8.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#48

Methyl methacrylate

Concen: 17.550 ug/l

RT: 9.683 min Scan# 1317

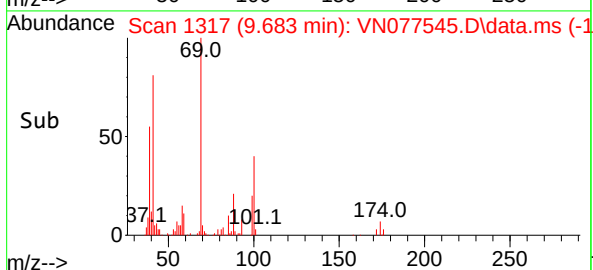
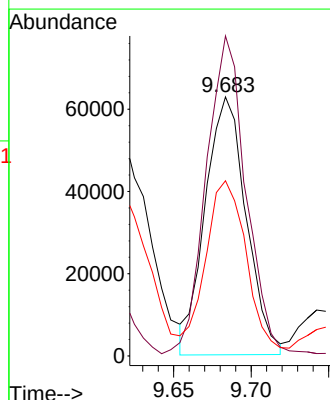
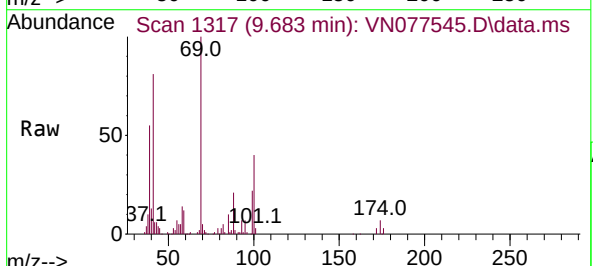
Delta R.T. -0.000 min

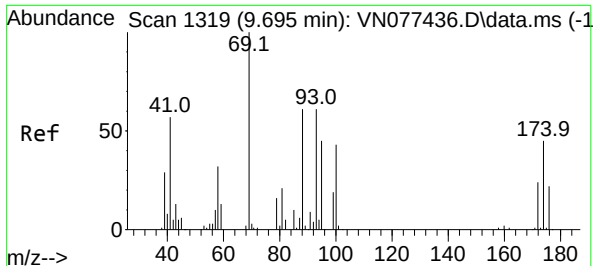
Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion: 41 Resp: 115333

Ion	Ratio	Lower	Upper
41	100		
69	119.5	90.4	135.6
39	68.3	54.6	81.8





#49

1,4-Dioxane

Concen: 388.746 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077545.D

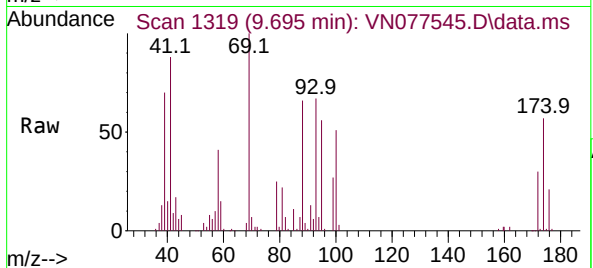
Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02



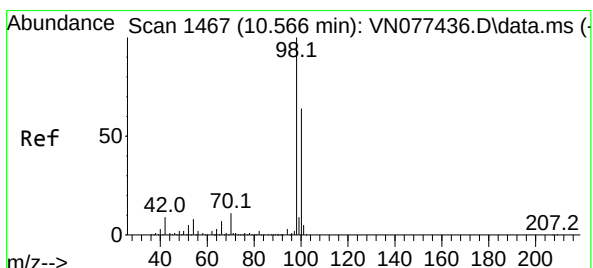
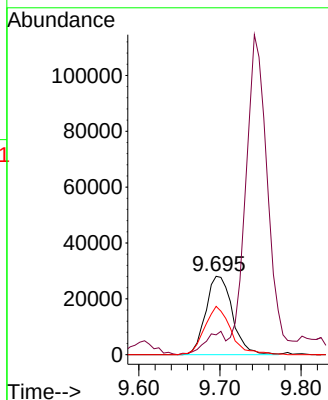
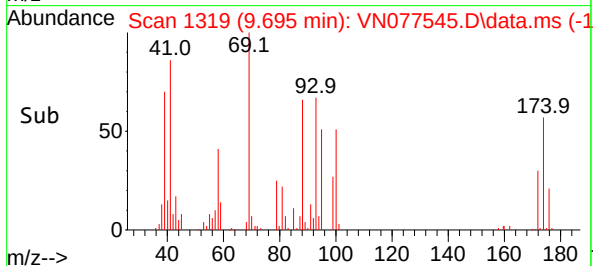
Tgt Ion:	88	Resp:	64079
Ion Ratio	Lower	Upper	
88	100		
43	22.0	17.0	25.6
58	60.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#50

Toluene-d8

Concen: 48.317 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077545.D

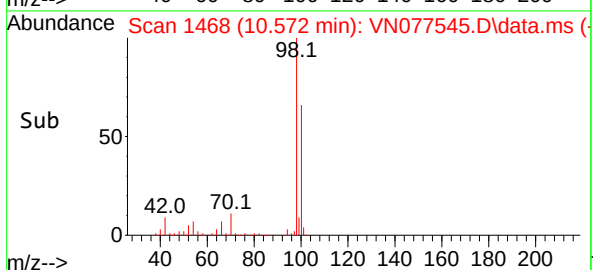
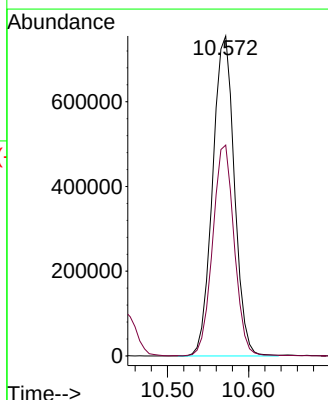
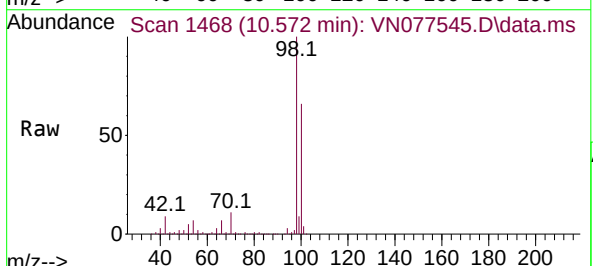
Acq: 01 May 2023 16:14

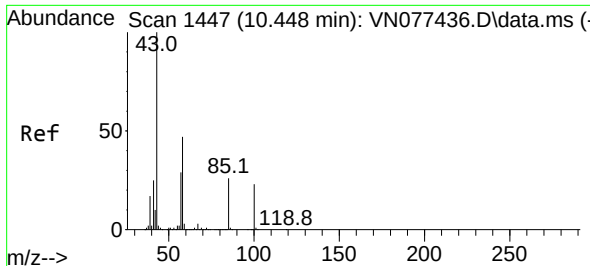
Tgt Ion: 98 Resp: 1407622

Ion Ratio Lower Upper

98 100

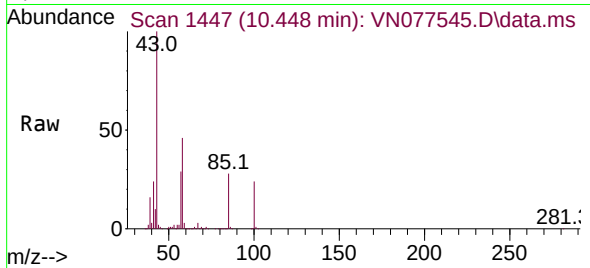
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.558 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

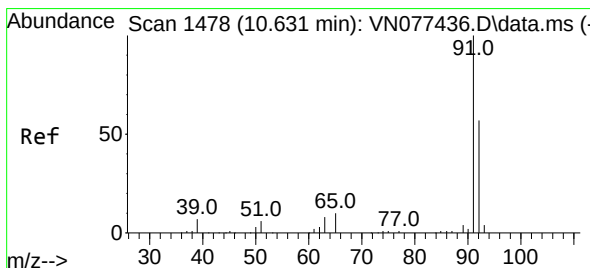
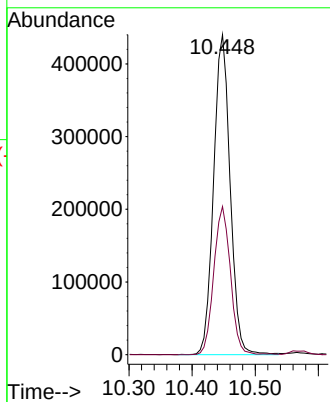
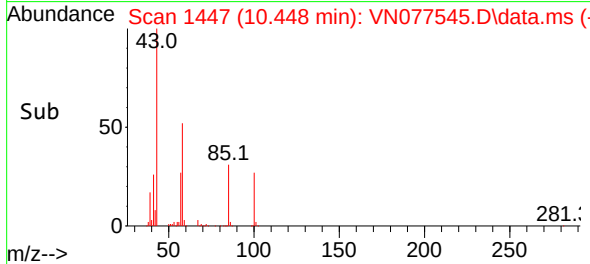
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



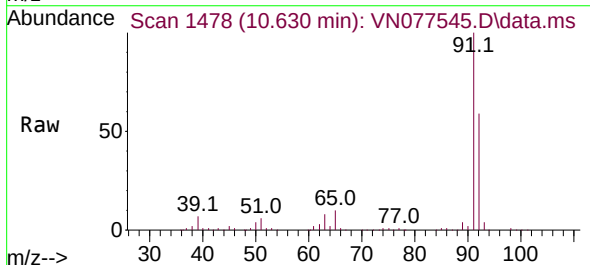
Tgt Ion: 43 Resp: 800704
Ion Ratio Lower Upper
43 100
58 46.6 36.6 54.8

Manual Integrations
APPROVED

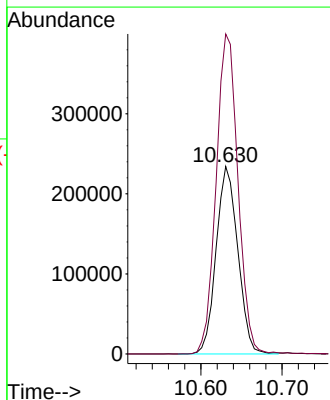
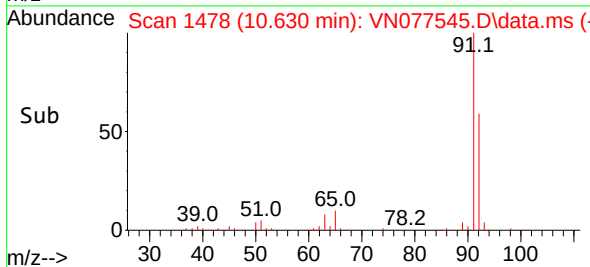
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

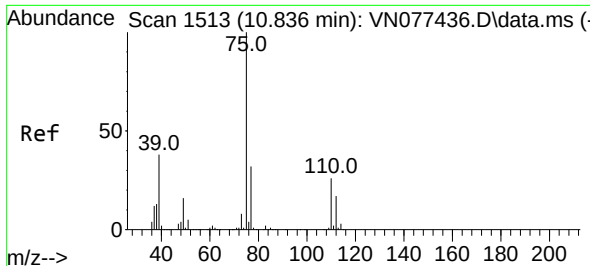


#52
Toluene
Concen: 19.868 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



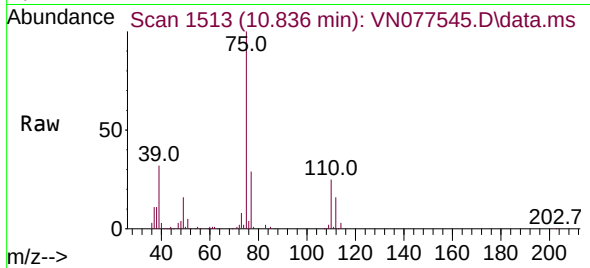
Tgt Ion: 92 Resp: 435436
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.283 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

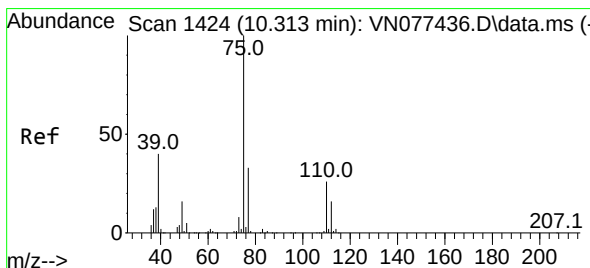
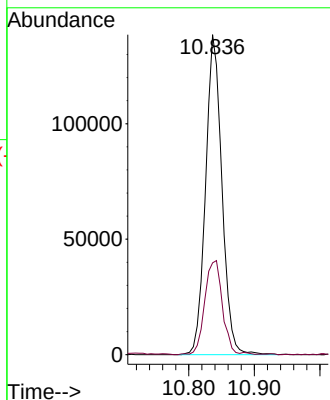
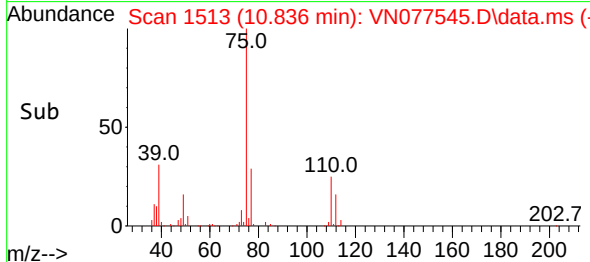
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



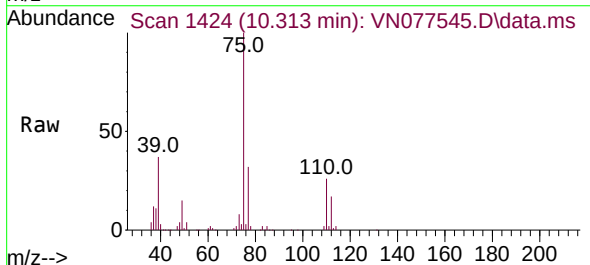
Tgt Ion: 75 Resp: 24016
Ion Ratio Lower Upper
75 100
77 28.7 25.4 38.0

Manual Integrations
APPROVED

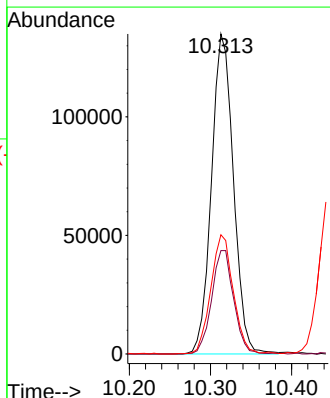
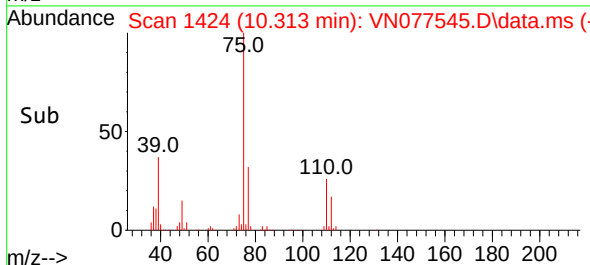
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

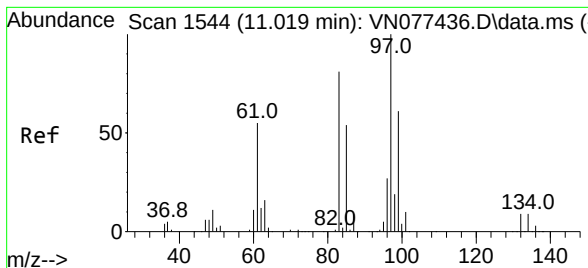


#54
cis-1,3-Dichloropropene
Concen: 18.730 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



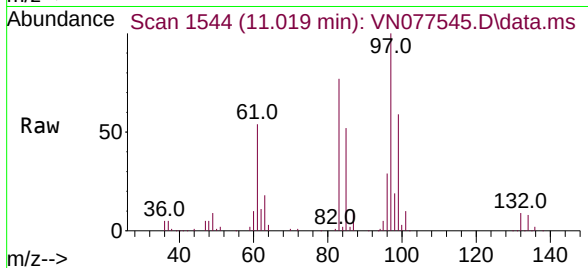
Tgt Ion: 75 Resp: 253923
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
39 37.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.003 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

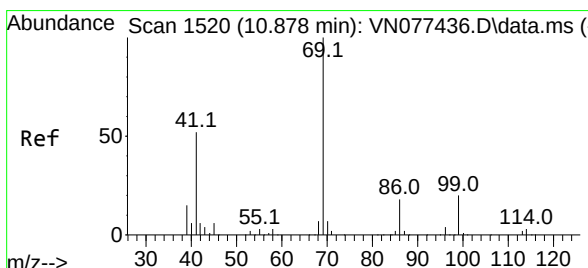
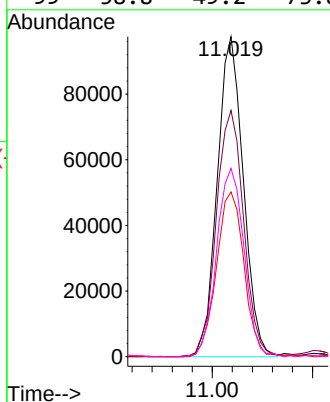
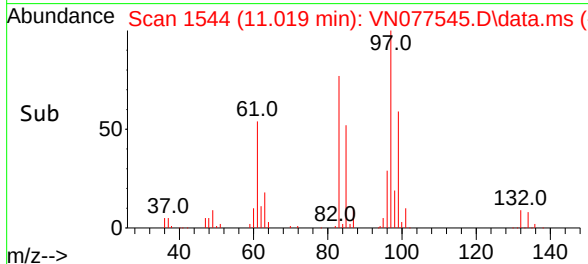


Tgt Ion: 97 Resp: 176295

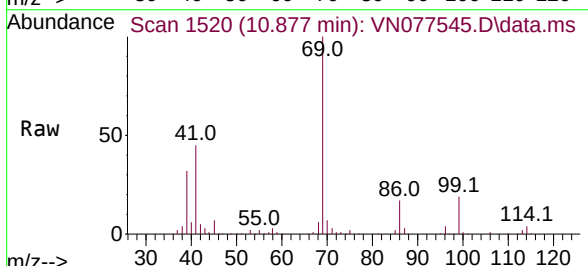
Ion	Ratio	Lower	Upper
97	100		
83	76.9	65.1	97.7
85	51.5	43.4	65.2
99	58.8	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

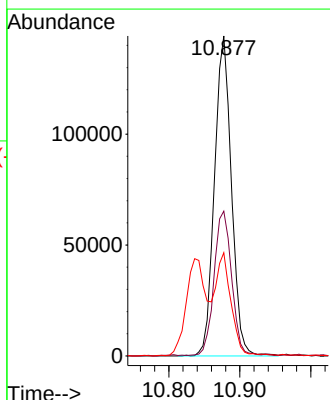
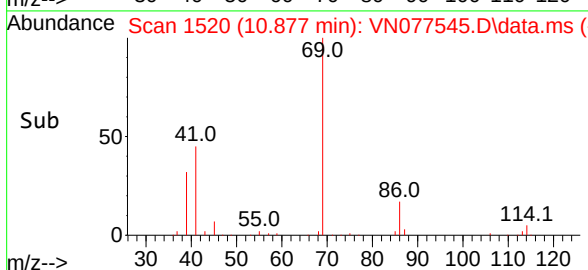


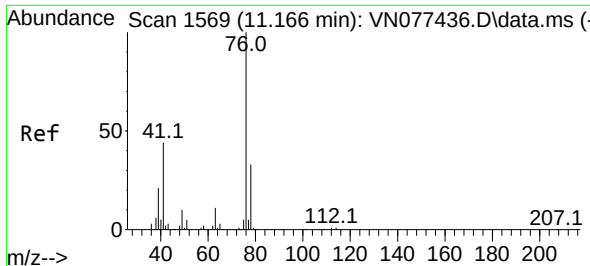
#56
Ethyl methacrylate
Concen: 19.353 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 69 Resp: 238995

Ion	Ratio	Lower	Upper
69	100		
41	46.5	39.6	59.4
39	28.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.900 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 76 Resp: 27936

Ion Ratio Lower Upper

76 100

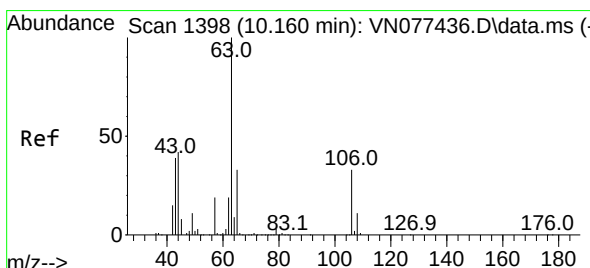
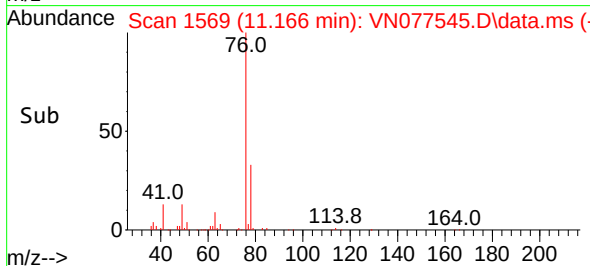
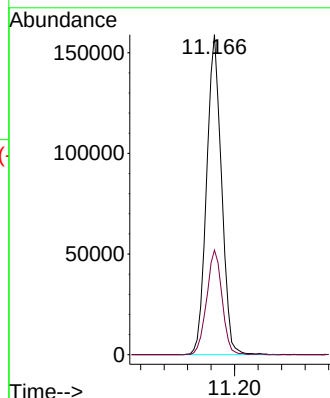
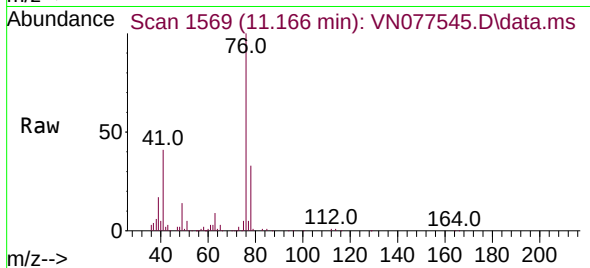
78 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 78.709 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077545.D

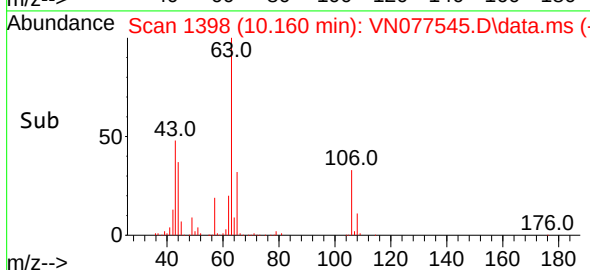
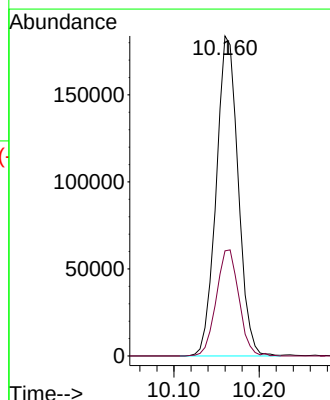
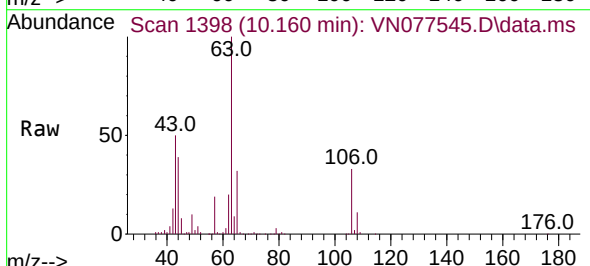
Acq: 01 May 2023 16:14

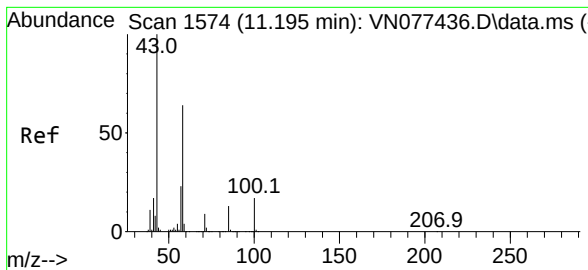
Tgt Ion: 63 Resp: 328767

Ion Ratio Lower Upper

63 100

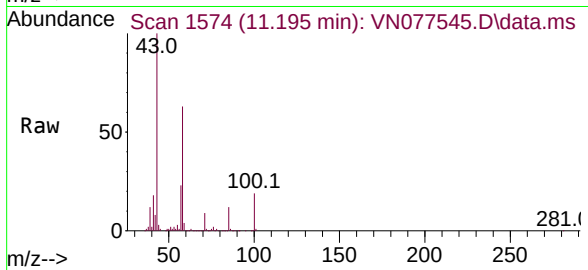
106 34.2 26.2 39.4





#59
2-Hexanone
Concen: 97.233 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

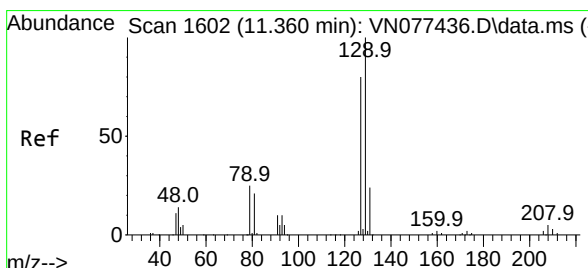
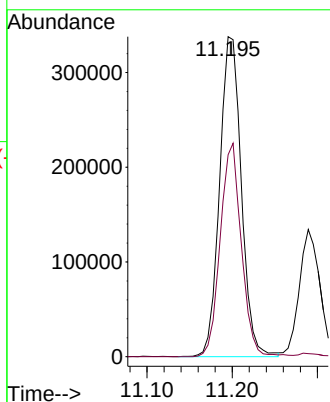
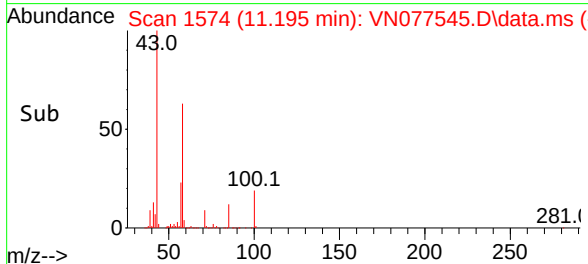
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion: 43 Resp: 59848
Ion Ratio Lower Upper
43 100
58 64.8 31.7 95.1

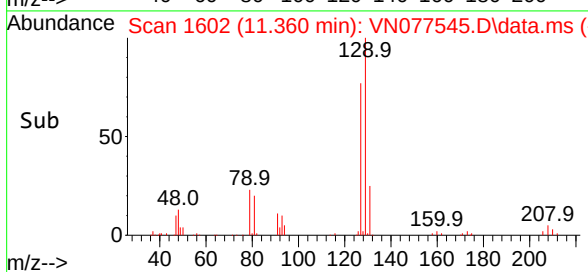
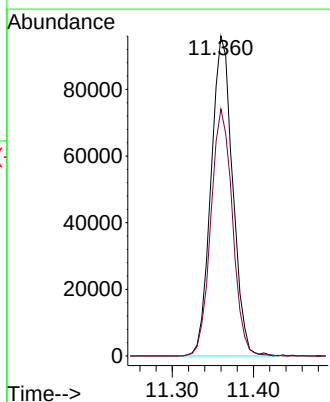
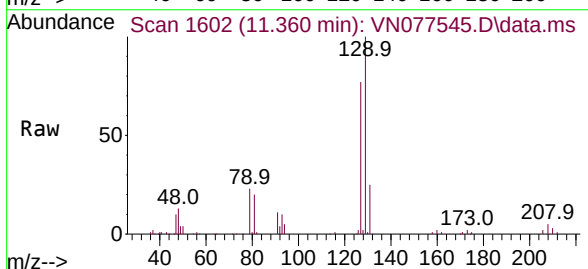
Manual Integrations
APPROVED

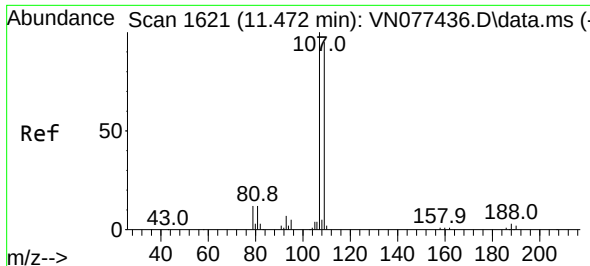
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 19.393 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

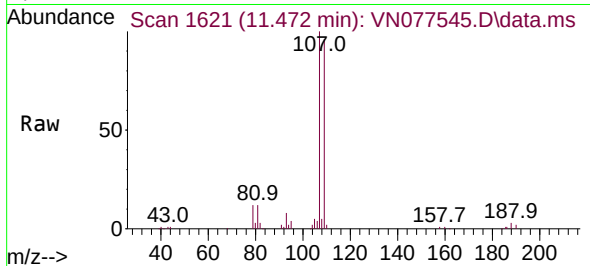
Tgt Ion:129 Resp: 177384
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.464 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

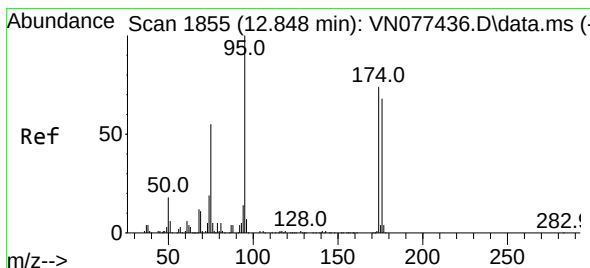
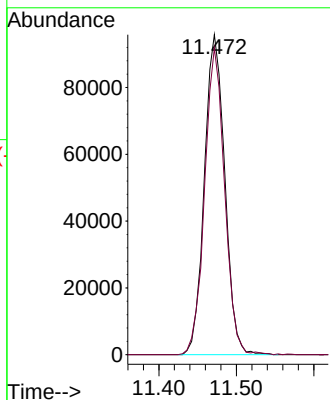
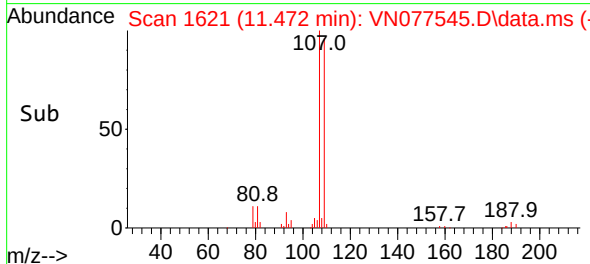
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



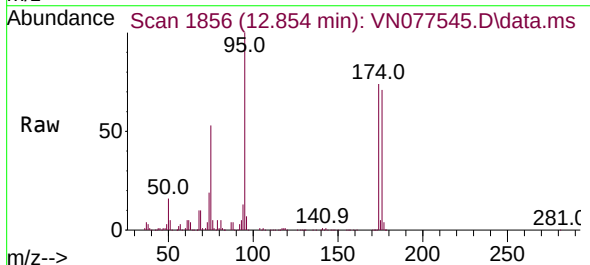
Tgt Ion:107 Resp: 175130
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

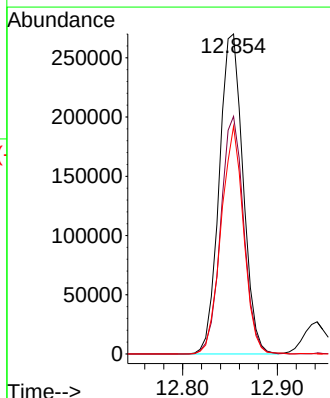
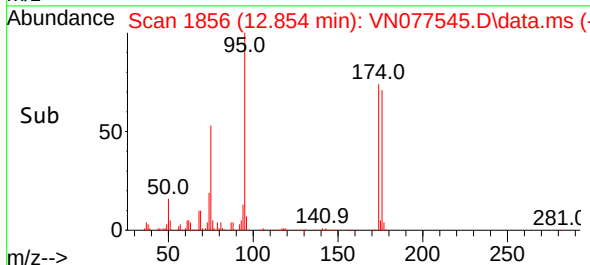
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

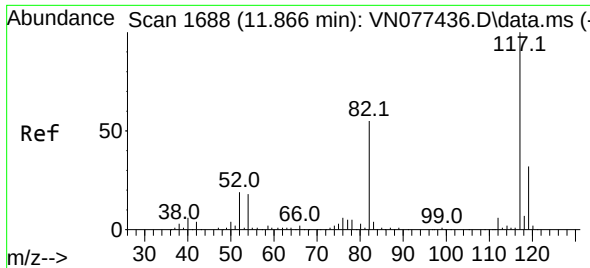


#62
4-Bromofluorobenzene
Concen: 49.503 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 95 Resp: 471848
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 67.1 0.0 135.8





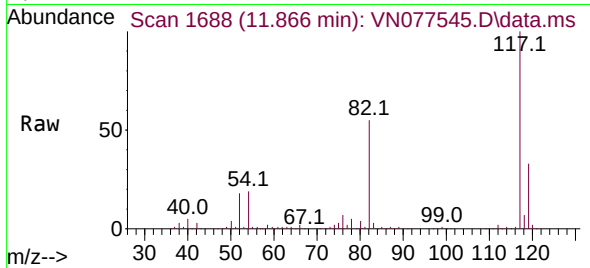
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02



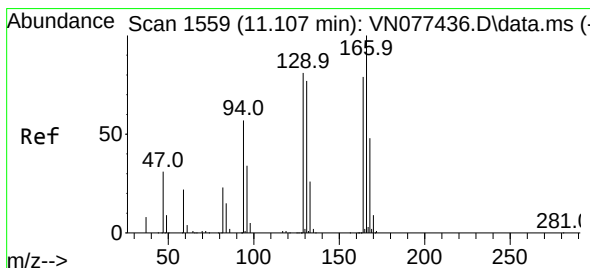
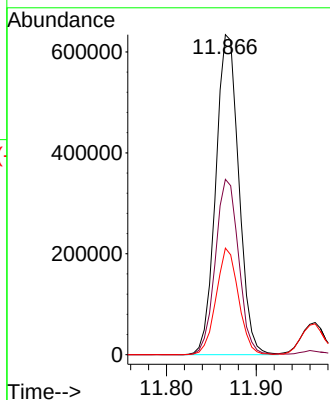
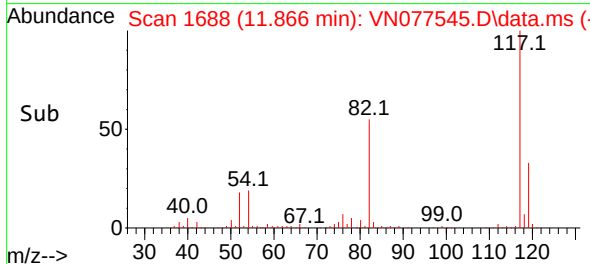
Tgt Ion:117 Resp: 1131000
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 33.3 25.6 38.4

Manual Integrations

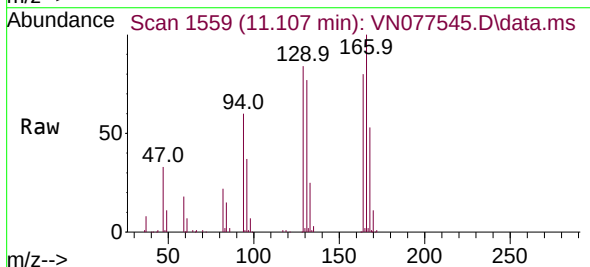
APPROVED

Reviewed By :John Carlone 05/02/2023

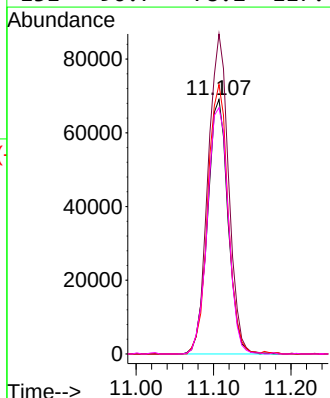
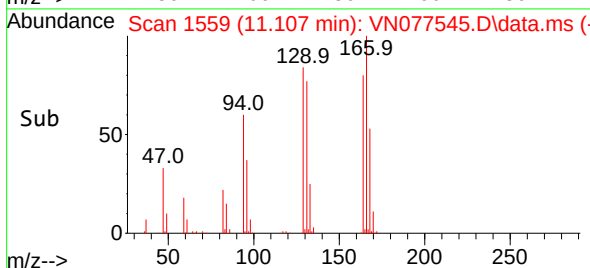
Supervised By :Mahesh Dadoda 05/03/2023

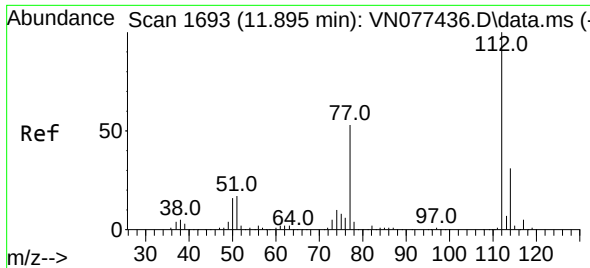


#64
Tetrachloroethene
Concen: 18.590 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



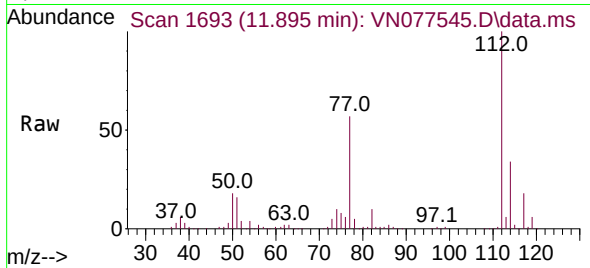
Tgt Ion:164 Resp: 125858
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 105.9 82.4 123.6
131 96.7 78.2 117.4





#65
Chlorobenzene
Concen: 18.830 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

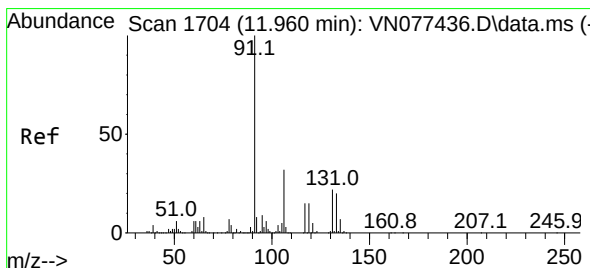
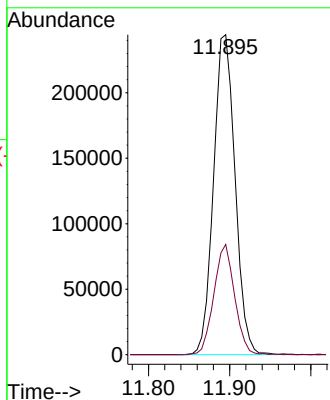
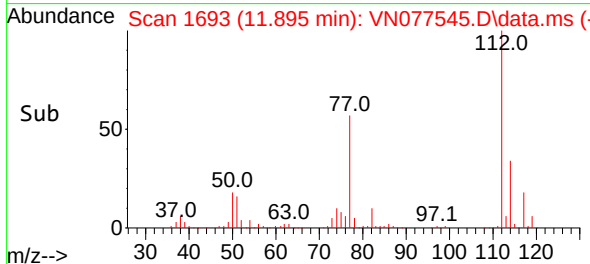
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



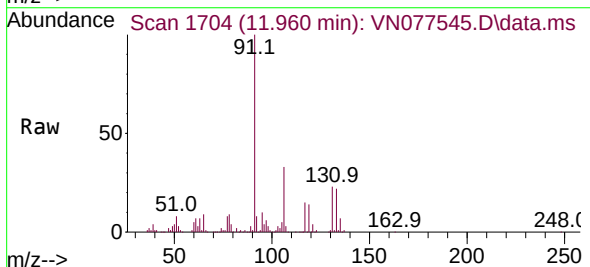
Tgt Ion:112 Resp: 450660
Ion Ratio Lower Upper
112 100
114 34.5 25.0 37.4

Manual Integrations
APPROVED

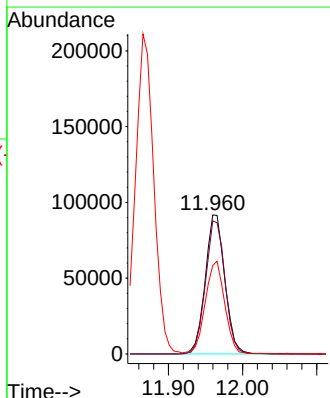
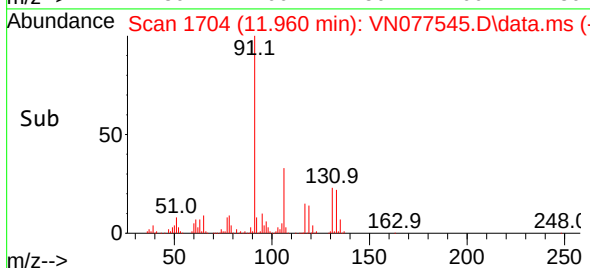
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

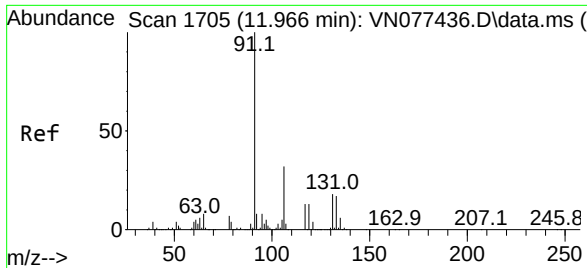


#66
1,1,1,2-Tetrachloroethane
Concen: 19.329 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



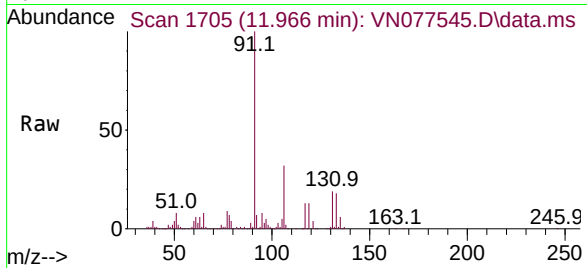
Tgt Ion:131 Resp: 168308
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 19.458 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

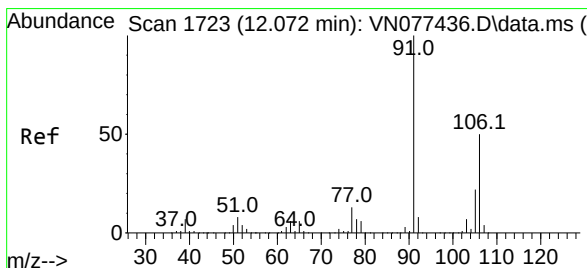
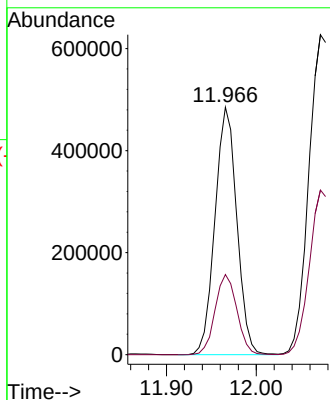
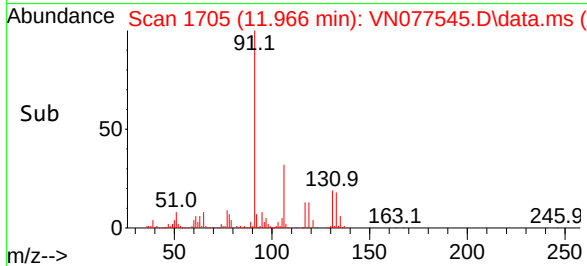
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



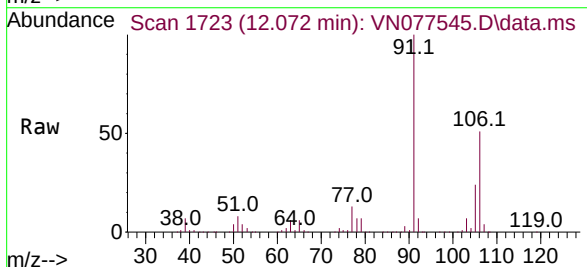
Tgt Ion: 91 Resp: 819794
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

Manual Integrations
APPROVED

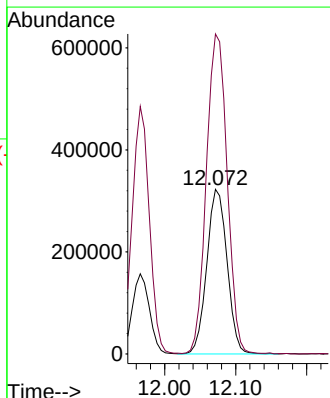
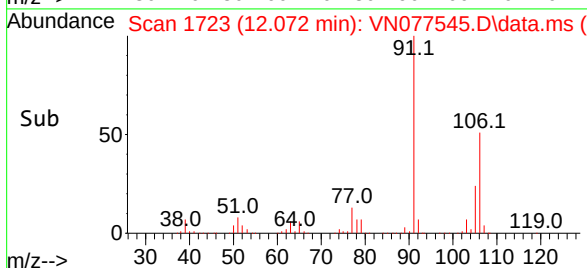
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

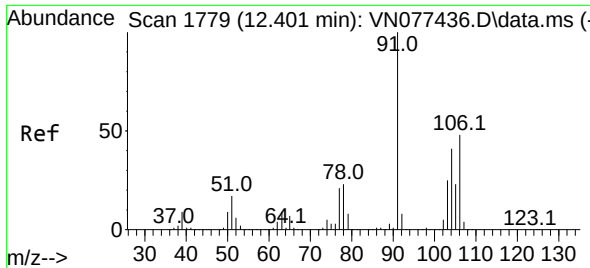


#68
m/p-Xylenes
Concen: 39.104 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion:106 Resp: 640309
Ion Ratio Lower Upper
106 100
91 199.0 159.6 239.4





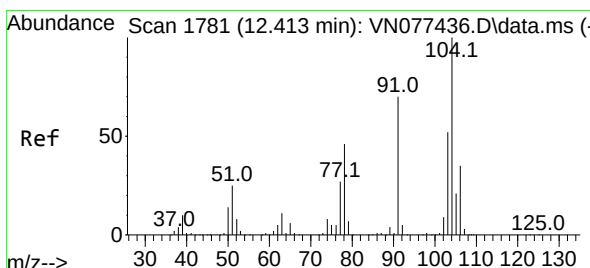
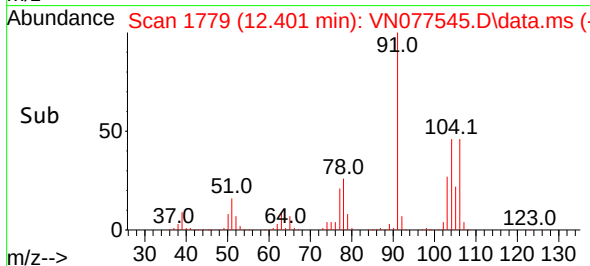
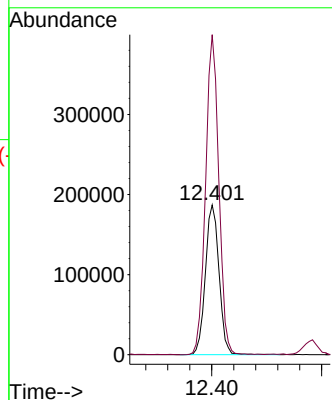
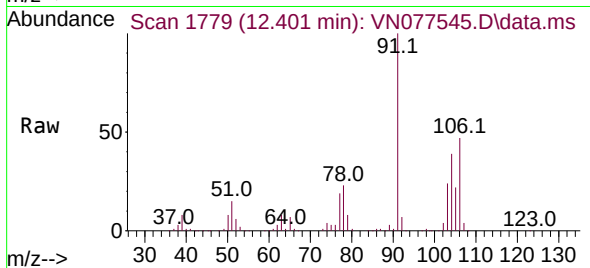
#69
o-Xylene
Concen: 19.980 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion:106 Resp: 32179
Ion Ratio Lower Upper
106 100
91 207.3 105.2 315.5

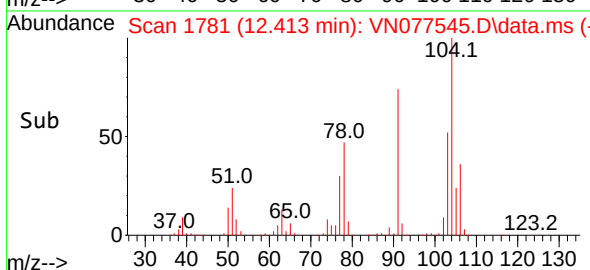
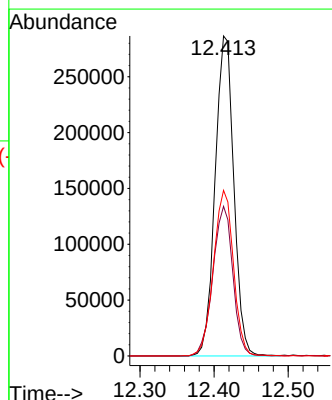
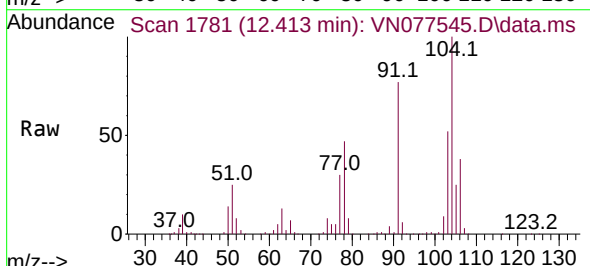
Manual Integrations
APPROVED

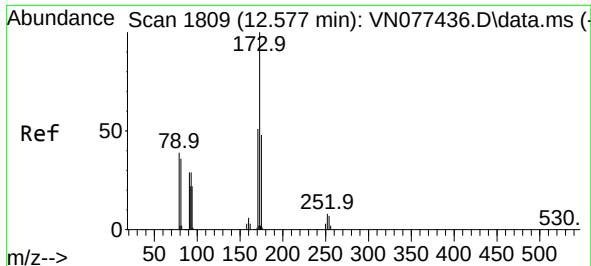
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 19.931 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

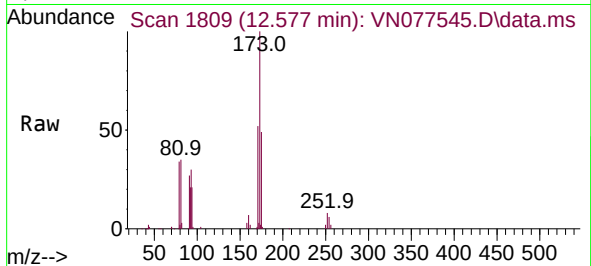
Tgt Ion:104 Resp: 502030
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 19.580 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

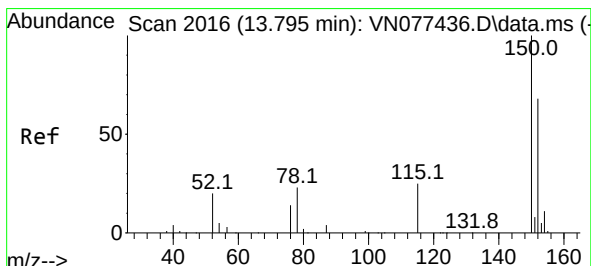
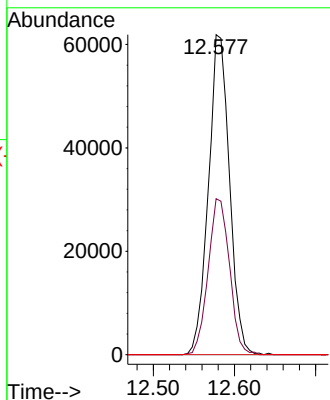
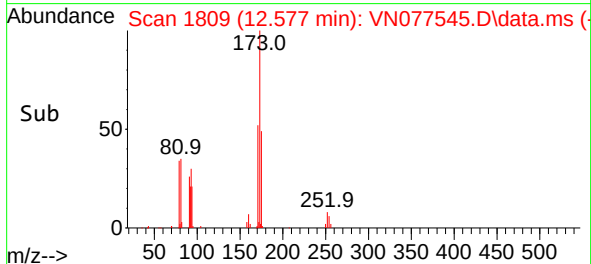
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



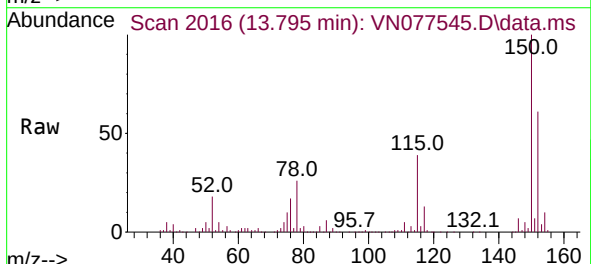
Tgt Ion:173 Resp: 111544
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

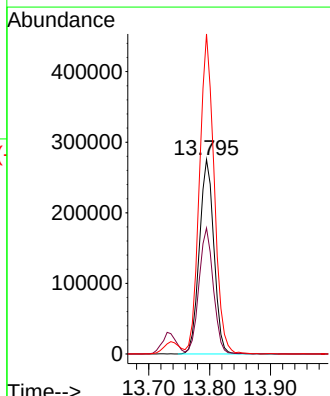
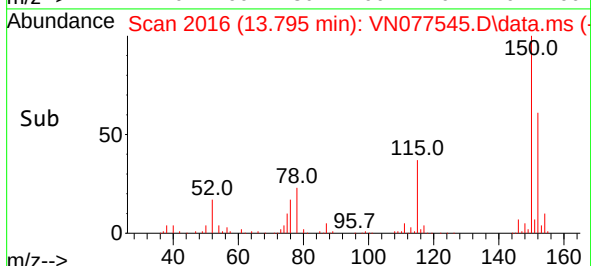
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

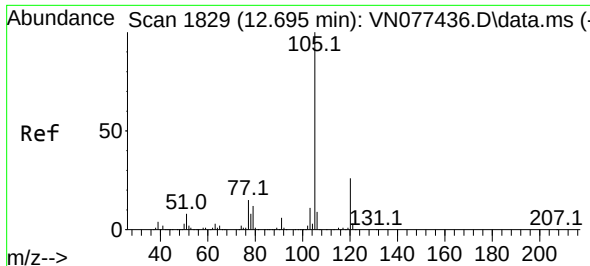


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



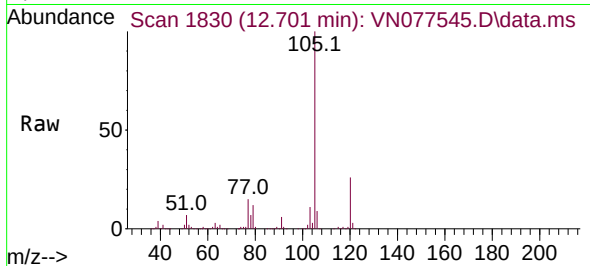
Tgt Ion:152 Resp: 457029
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 166.4 0.0 355.8





#73
Isopropylbenzene
Concen: 19.384 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

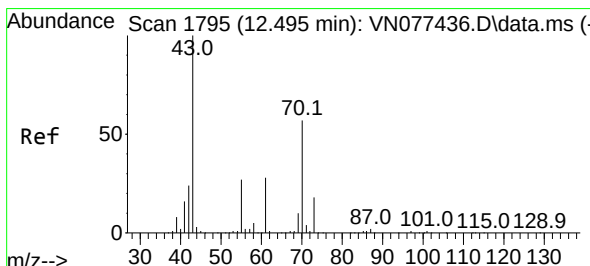
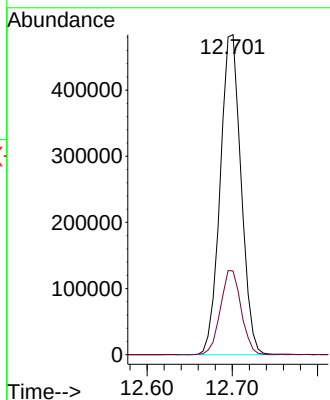
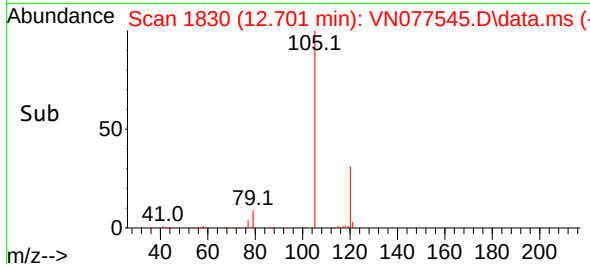
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



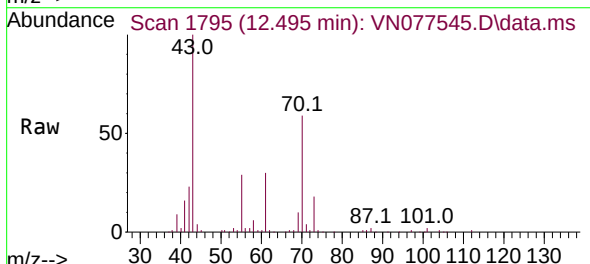
Tgt Ion:105 Resp: 822092
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations
APPROVED

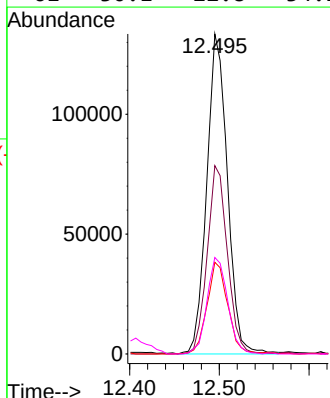
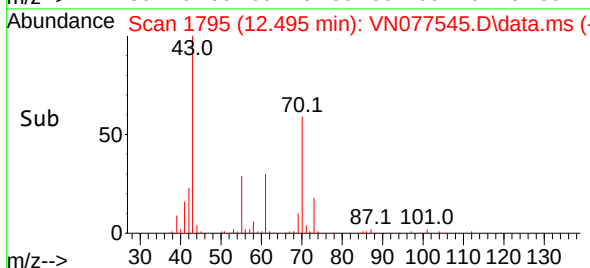
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

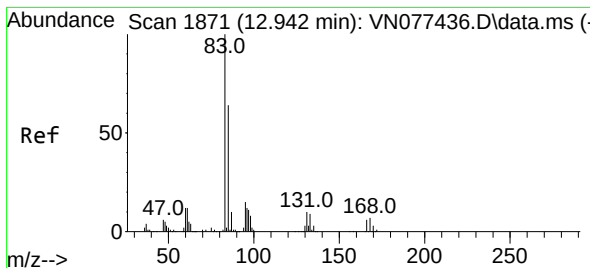


#74
N-ethyl acetate
Concen: 17.031 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 43 Resp: 213835
Ion Ratio Lower Upper
43 100
70 57.6 43.4 65.2
55 28.7 21.4 32.0
61 30.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.931 ug/l

RT: 12.936 min Scan# 1870

Delta R.T. -0.006 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 83 Resp: 252259

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

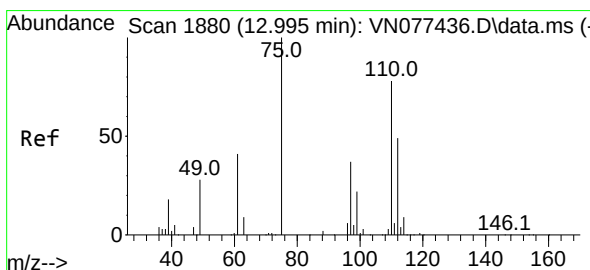
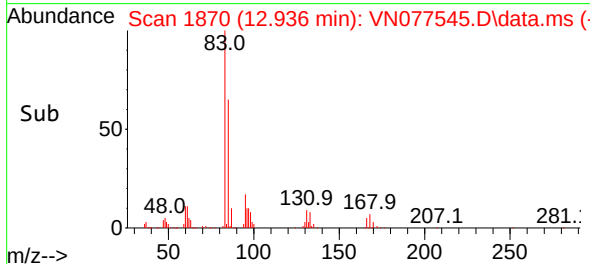
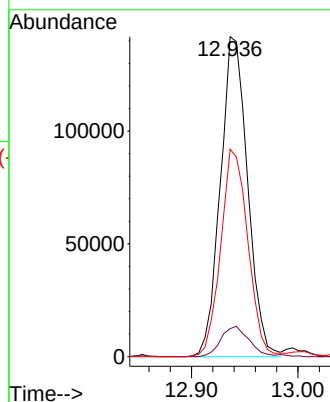
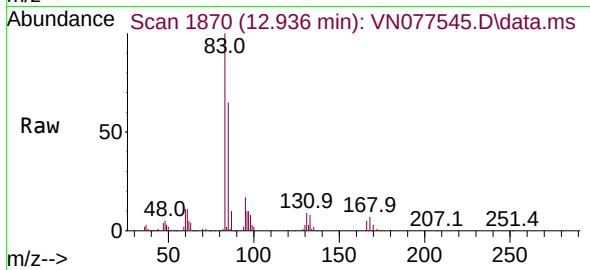
85 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#76

1,2,3-Trichloropropane

Concen: 20.058 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077545.D

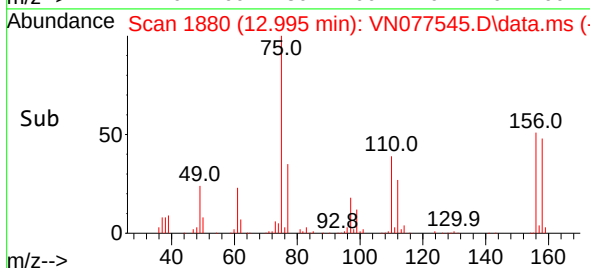
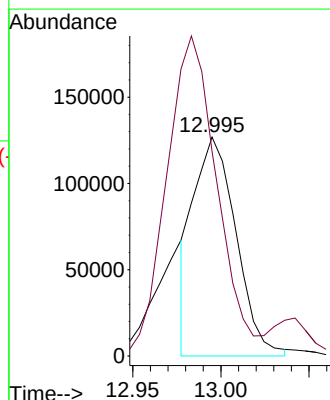
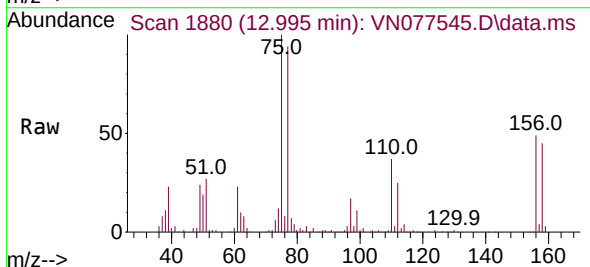
Acq: 01 May 2023 16:14

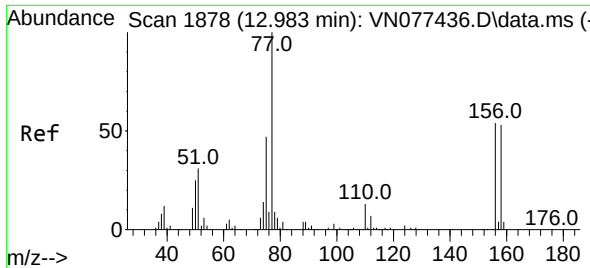
Tgt Ion: 75 Resp: 213170

Ion Ratio Lower Upper

75 100

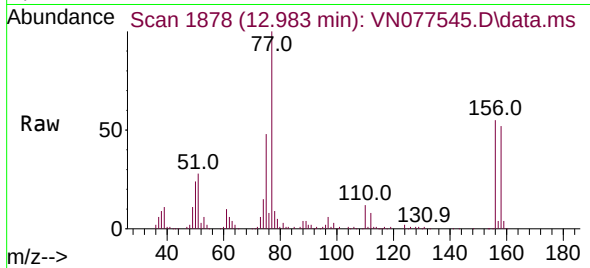
77 171.9 84.5 253.5





#77
Bromobenzene
Concen: 18.913 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

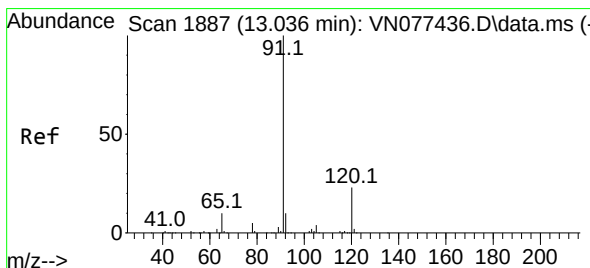
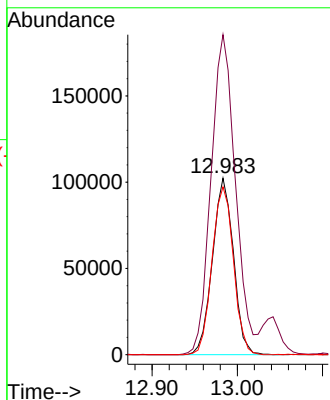
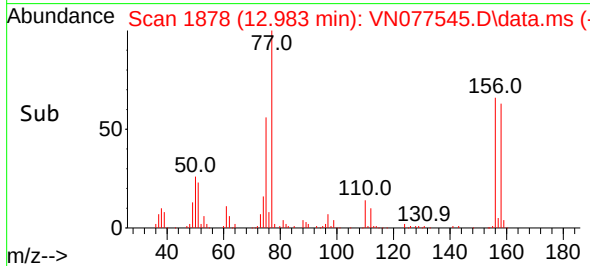
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



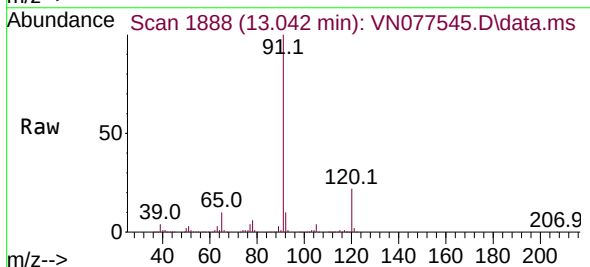
Tgt Ion: 156 Resp: 174810
Ion Ratio Lower Upper
156 100
77 209.6 107.7 323.3
158 96.8 48.4 145.3

Manual Integrations
APPROVED

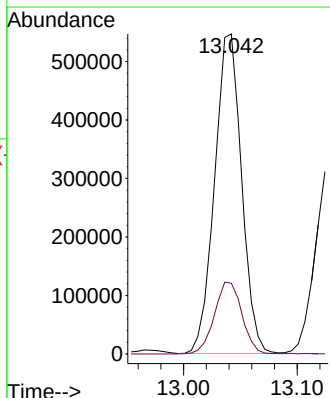
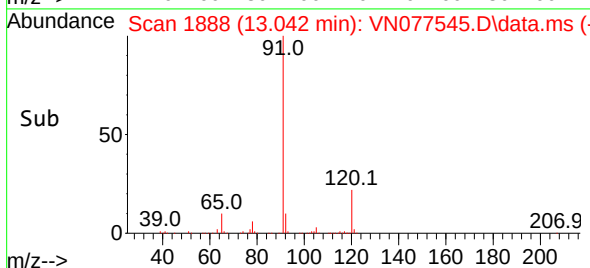
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

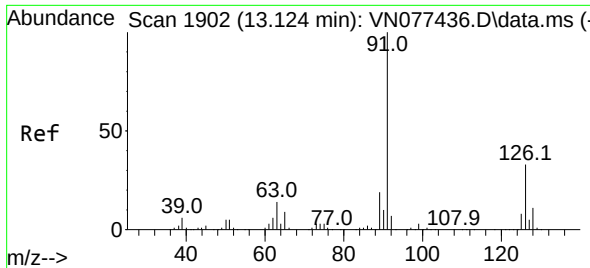


#78
n-propylbenzene
Concen: 19.214 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14



Tgt Ion: 91 Resp: 901007
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





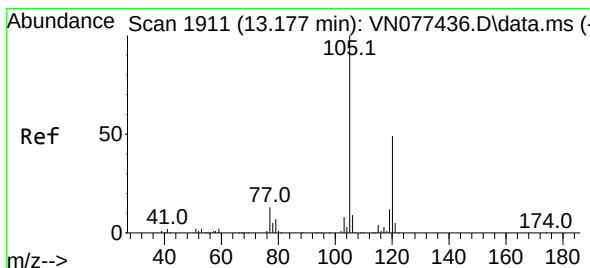
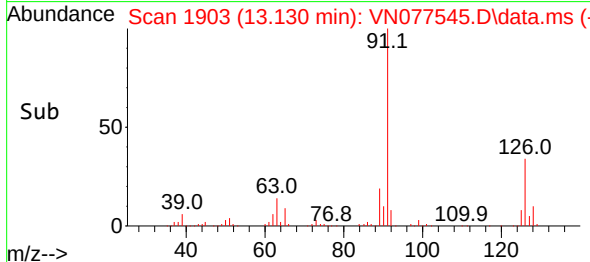
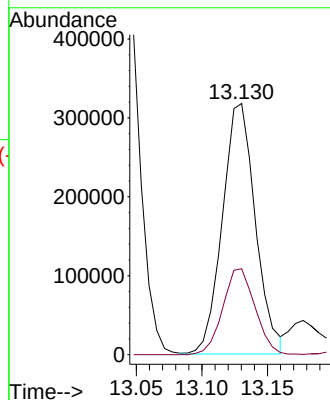
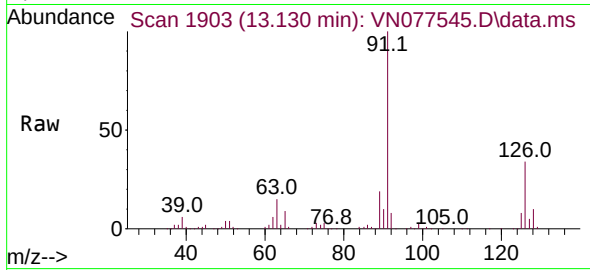
#79
2-Chlorotoluene
Concen: 19.231 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion: 91 Resp: 556010
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

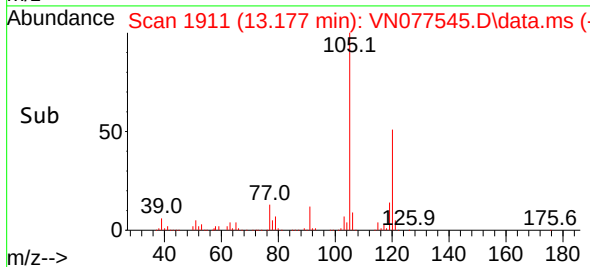
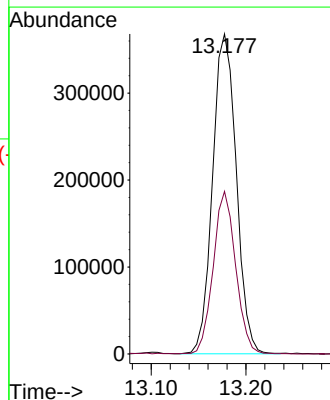
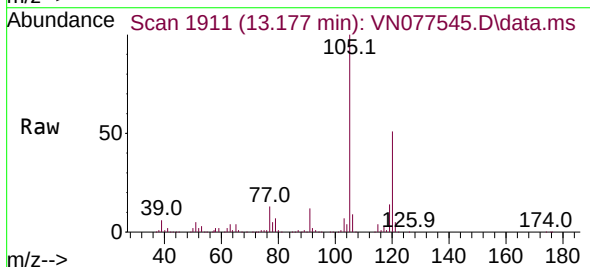
Manual Integrations
APPROVED

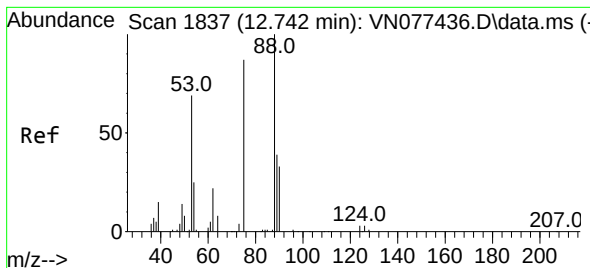
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.286 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

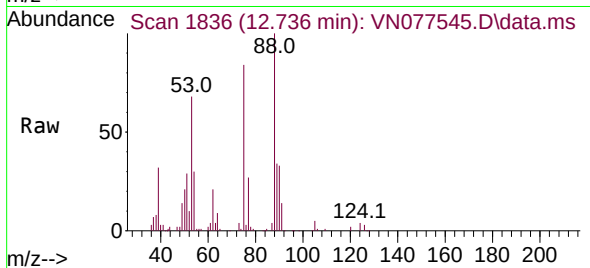
Tgt Ion:105 Resp: 638927
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.842 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

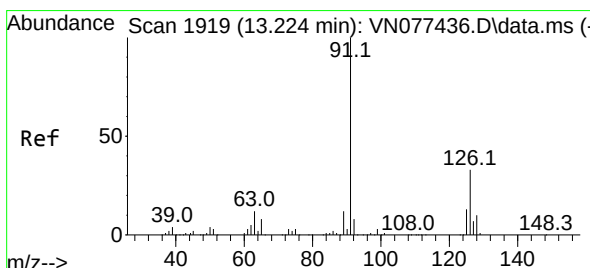
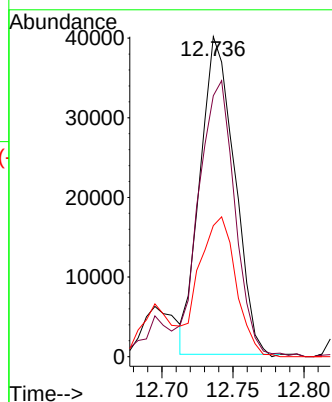
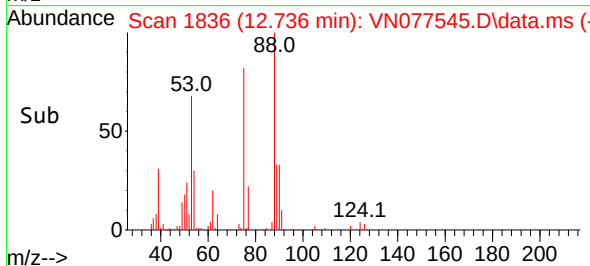
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion: 75 Resp: 6711
Ion Ratio Lower Upper
75 100
53 92.0 67.4 101.2
89 47.5 38.8 58.2

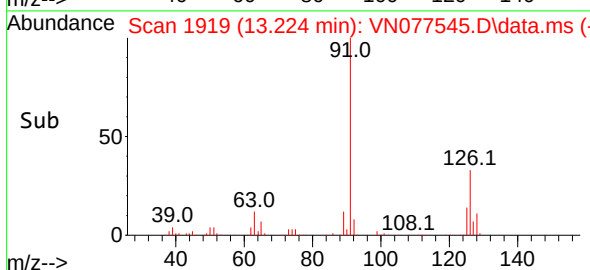
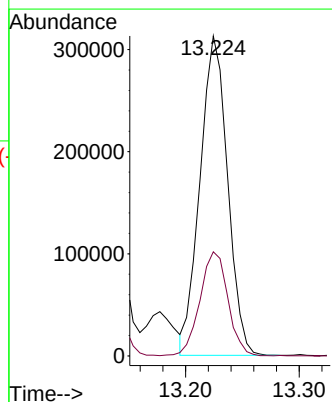
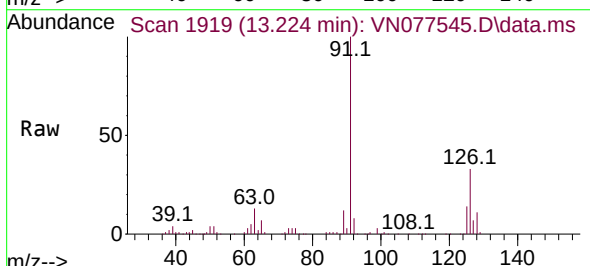
Manual Integrations
APPROVED

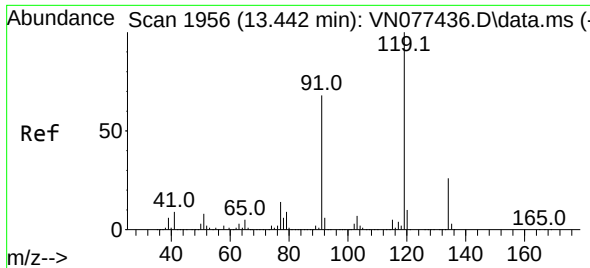
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 19.499 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Tgt Ion: 91 Resp: 526781
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





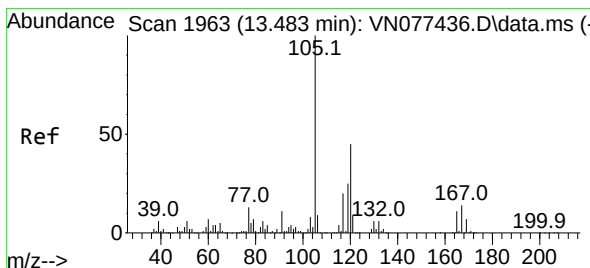
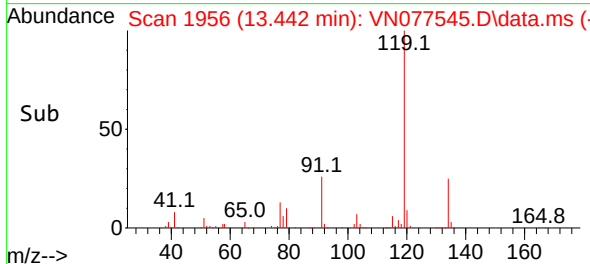
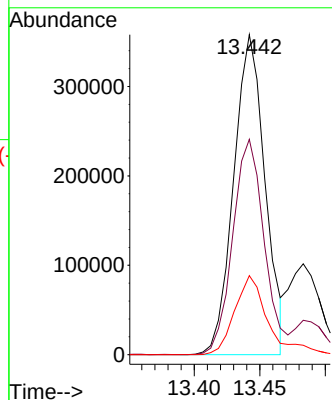
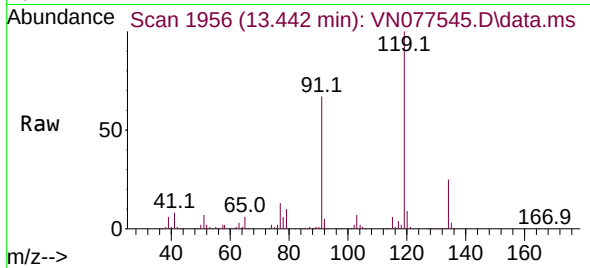
#83
tert-Butylbenzene
Concen: 19.458 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02

Tgt Ion:119 Resp: 595129
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 26.4 13.2 39.6

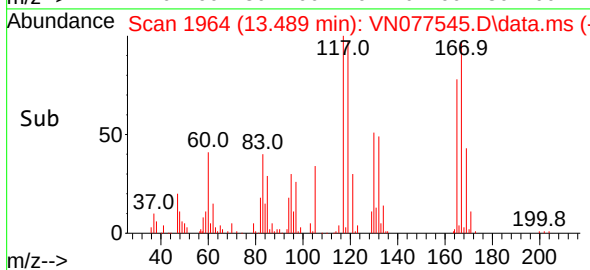
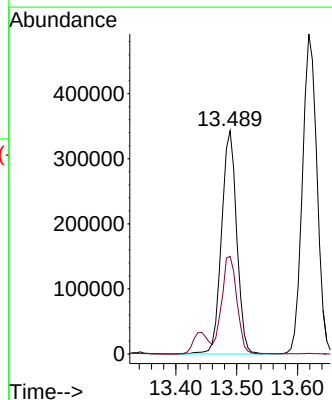
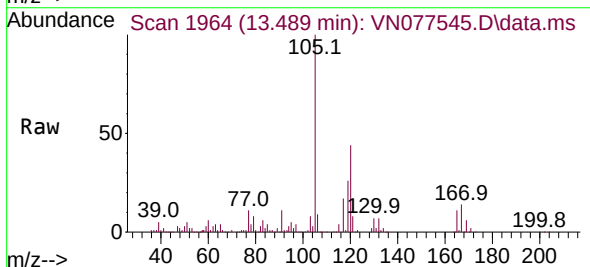
Manual Integrations
APPROVED

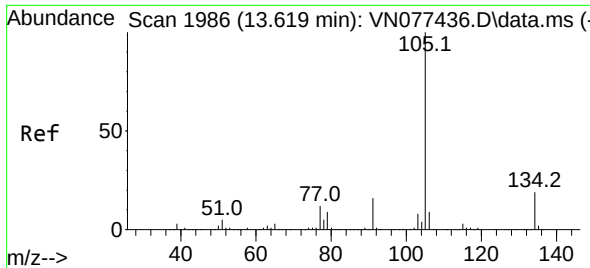
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.180 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

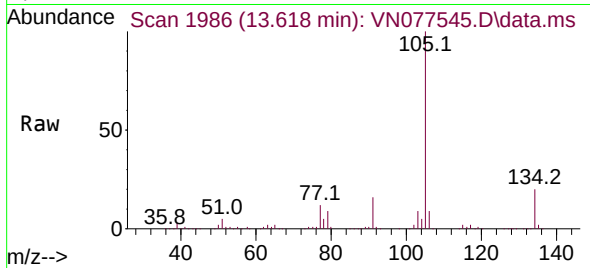
Tgt Ion:105 Resp: 593583
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.415 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077545.D
 Acq: 01 May 2023 16:14

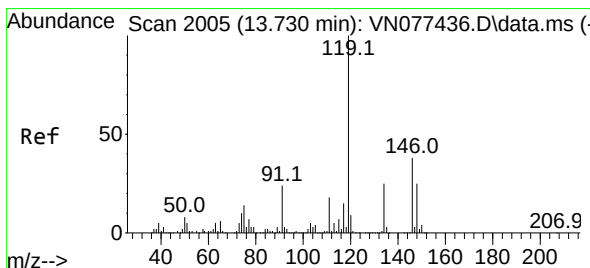
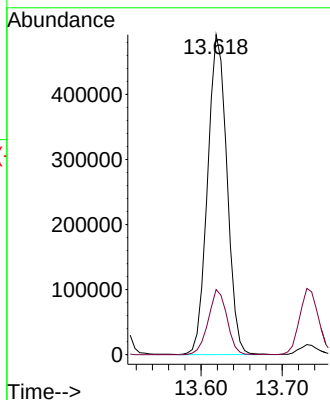
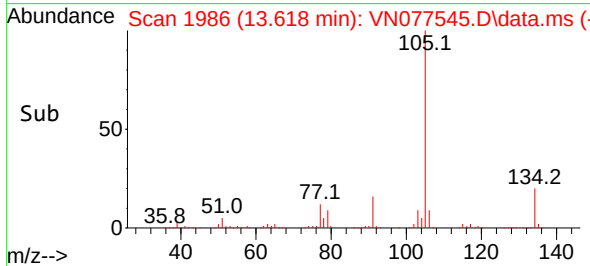
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBSD02



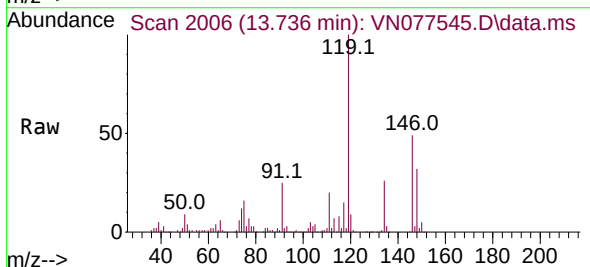
Tgt Ion:105 Resp: 815090
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

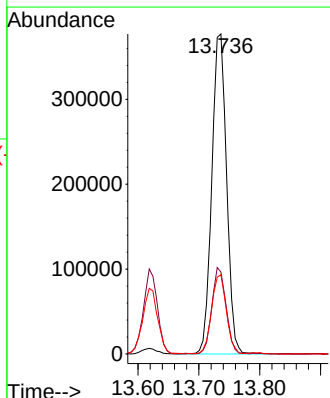
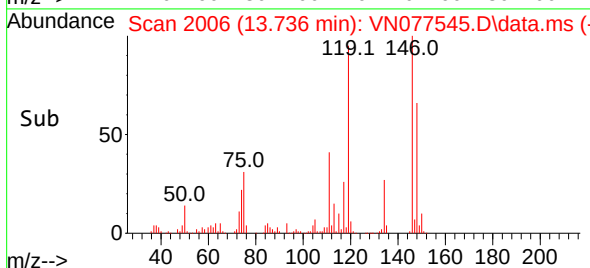
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

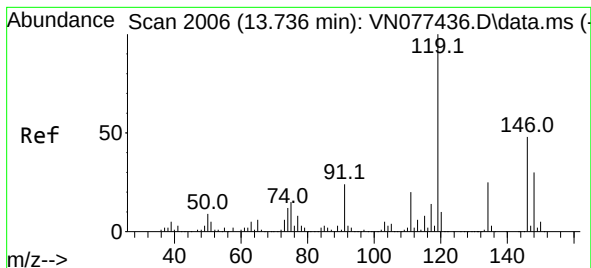


#86
 p-Isopropyltoluene
 Concen: 19.693 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077545.D
 Acq: 01 May 2023 16:14



Tgt Ion:119 Resp: 636118
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.991 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

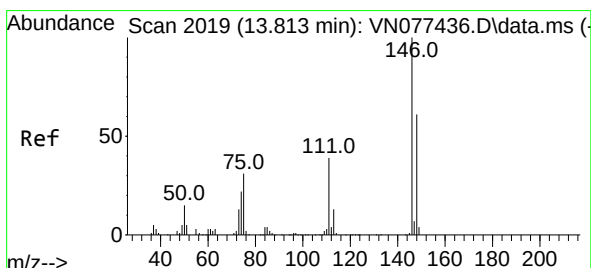
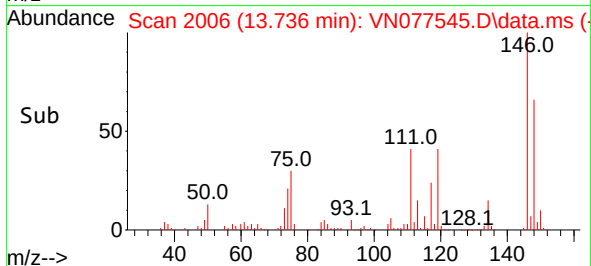
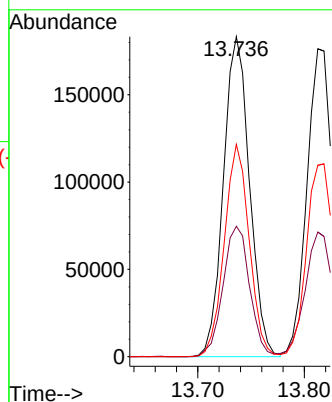
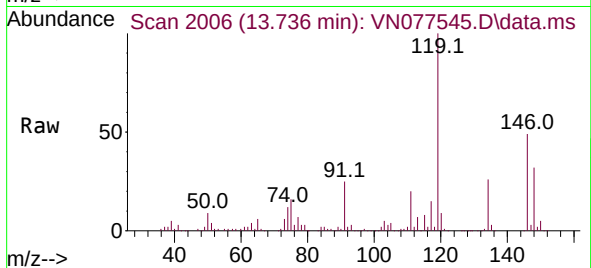
Tgt Ion:146 Resp: 31217
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 18.815 ug/l

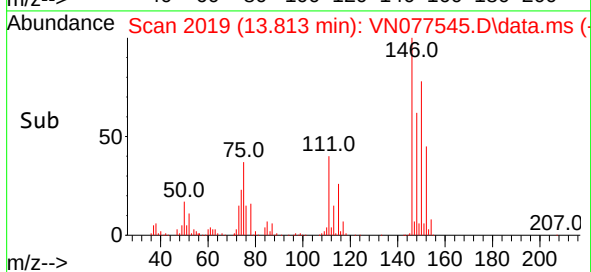
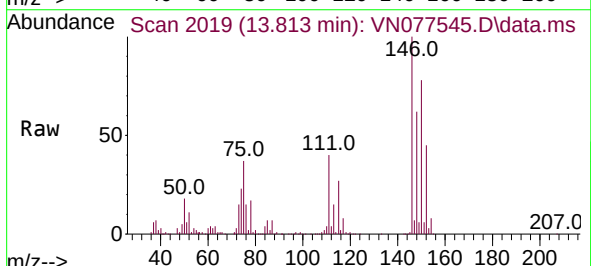
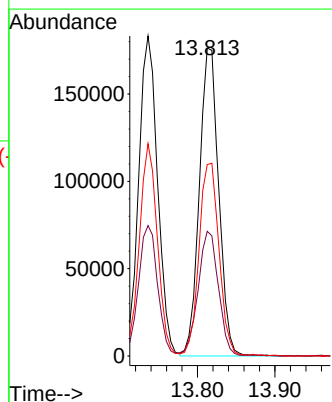
RT: 13.813 min Scan# 2019

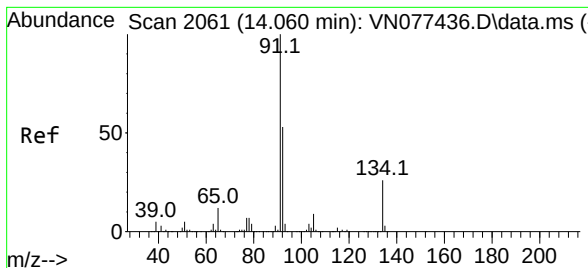
Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion:146 Resp: 305373
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 19.047 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion: 91 Resp: 476118

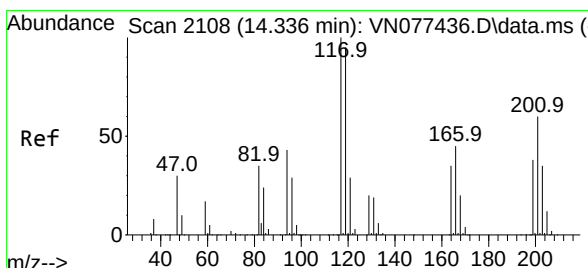
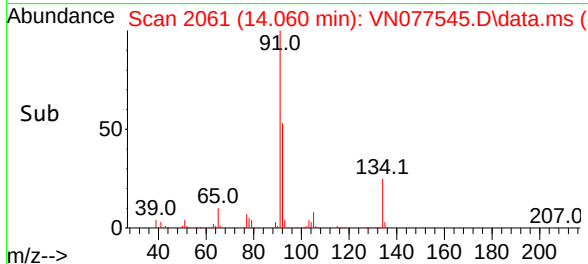
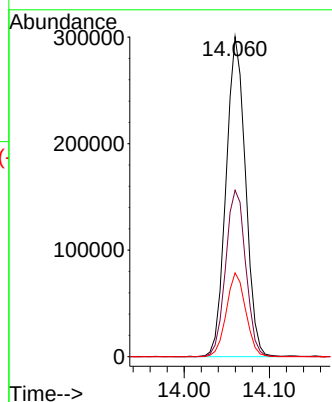
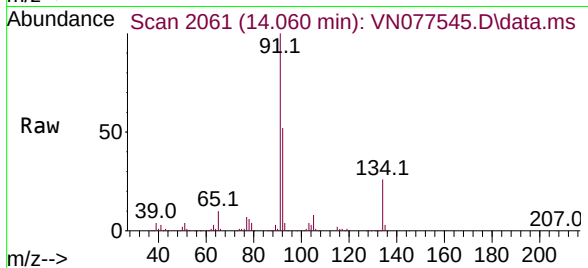
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.4	79.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#90

Hexachloroethane

Concen: 17.479 ug/l

RT: 14.336 min Scan# 2108

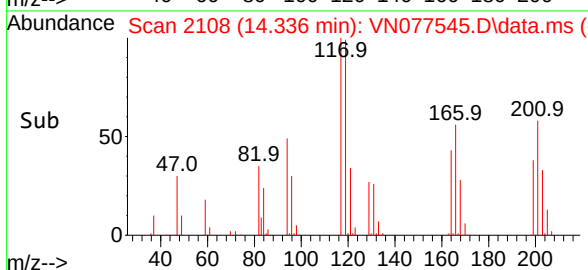
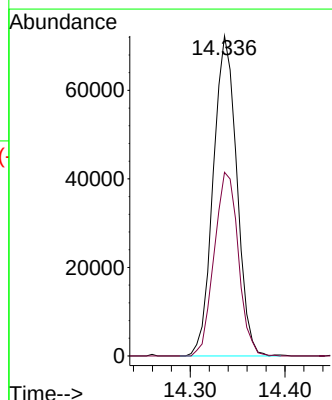
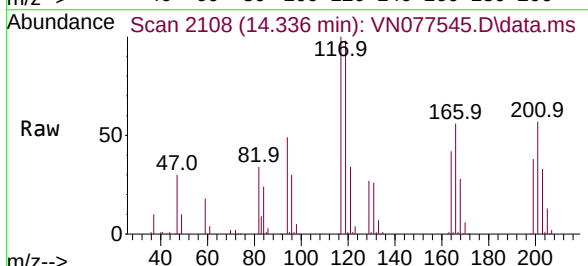
Delta R.T. -0.000 min

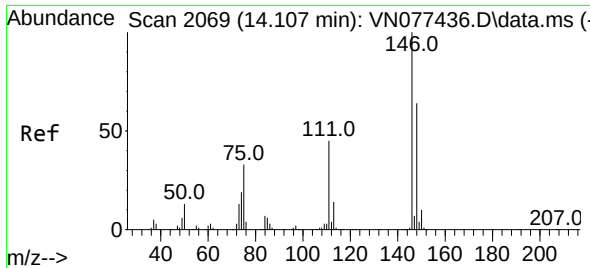
Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion:117 Resp: 124730

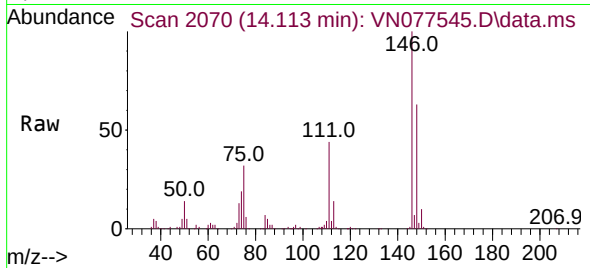
Ion	Ratio	Lower	Upper
117	100		
201	58.9	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.798 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

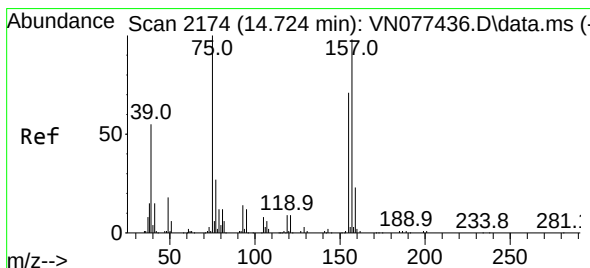
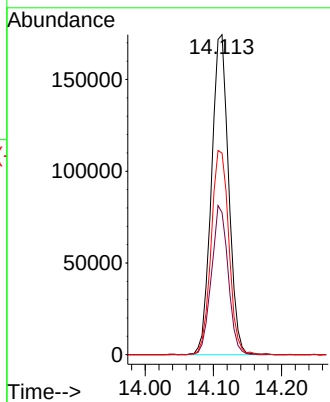
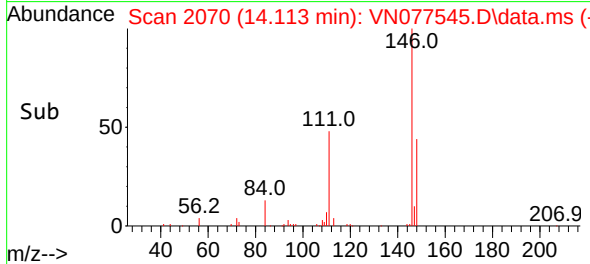
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBSD02



Tgt Ion:146 Resp: 306474
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 65.6 31.8 95.3

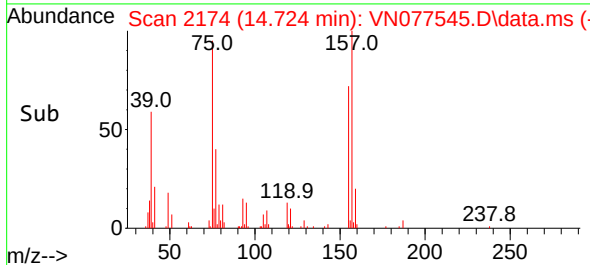
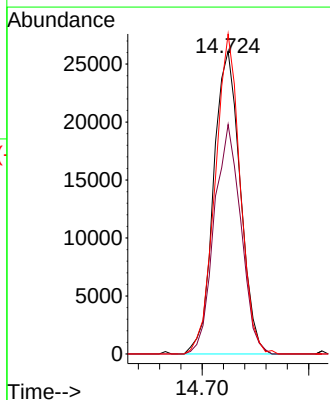
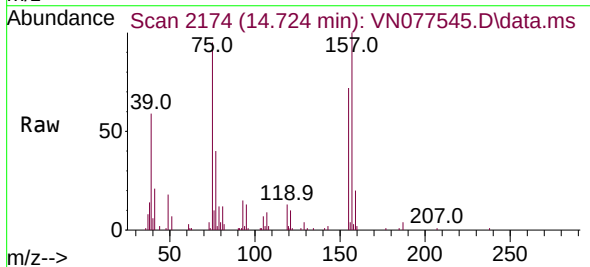
Manual Integrations
APPROVED

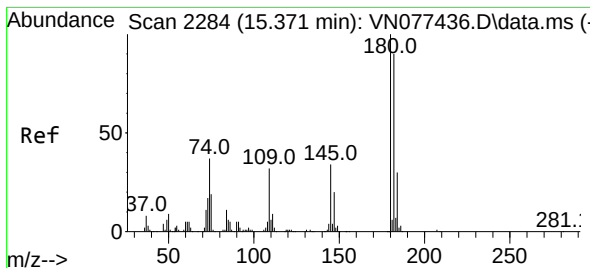
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.394 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077545.D
Acq: 01 May 2023 16:14

Tgt Ion: 75 Resp: 45326
Ion Ratio Lower Upper
75 100
155 75.9 39.1 117.2
157 99.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.110 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

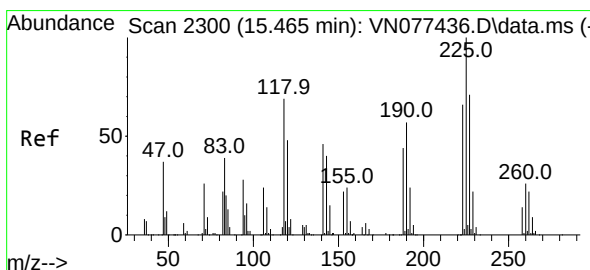
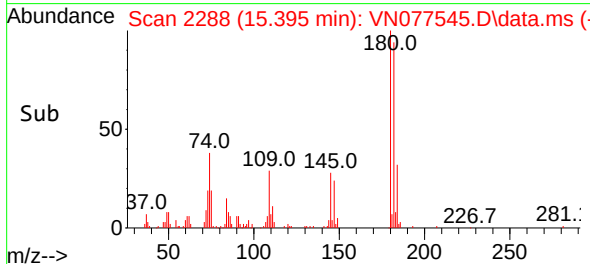
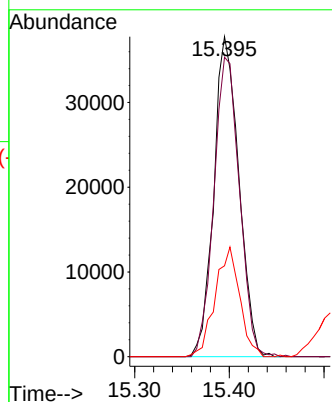
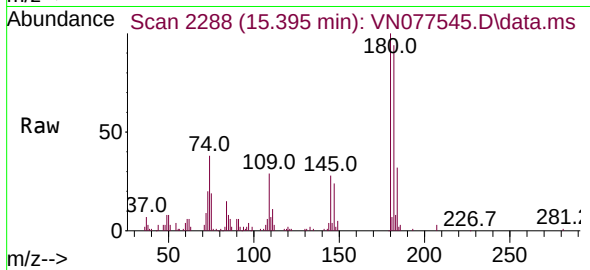
Tgt Ion:180	Resp:	69502
Ion Ratio	Lower	Upper
180	100	
182	95.4	46.1 138.2
145	33.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#94

Hexachlorobutadiene

Concen: 19.485 ug/l

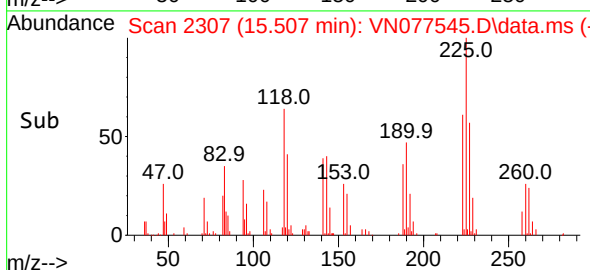
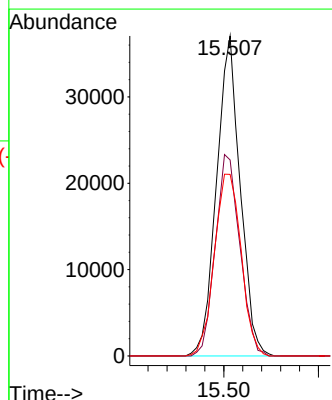
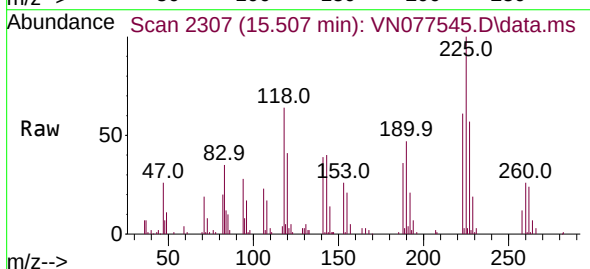
RT: 15.507 min Scan# 2307

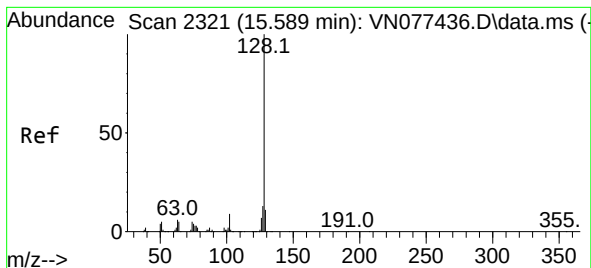
Delta R.T. 0.042 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion:225	Resp:	64194
Ion Ratio	Lower	Upper
225	100	
223	65.2	31.3 93.8
227	64.3	31.9 95.9





#95

Naphthalene

Concen: 17.798 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.059 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBSD02

Tgt Ion:128 Resp: 24976

Ion Ratio Lower Upper

128 100

127 12.0 10.0 15.0

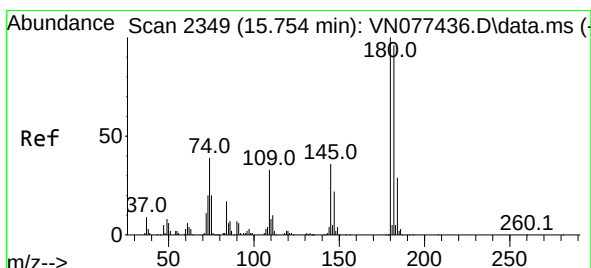
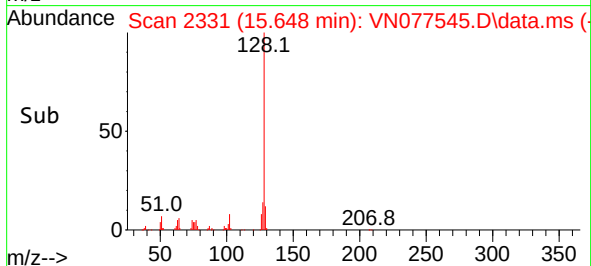
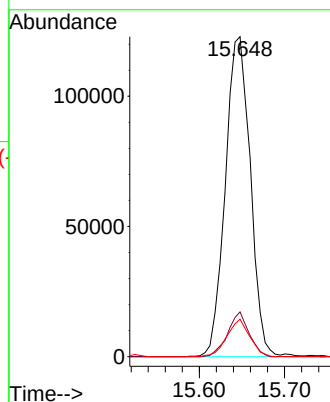
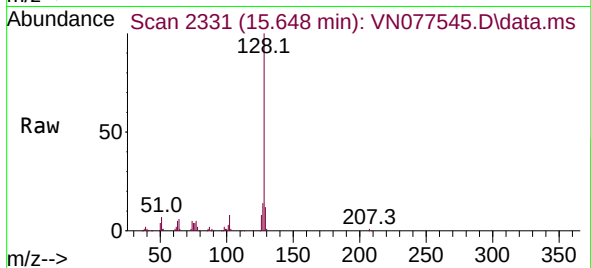
129 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.667 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.094 min

Lab File: VN077545.D

Acq: 01 May 2023 16:14

Tgt Ion:180 Resp: 63346

Ion Ratio Lower Upper

180 100

182 99.3 46.2 138.6

145 37.6 17.5 52.6

