

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077579.D
 Acq On : 04 May 2023 15:00
 Operator : JC\MD
 Sample : VN0504WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS02

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:10:06 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	844687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1567809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1396187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	568602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	507784	46.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.140%		
35) Dibromofluoromethane	8.172	113	483784	51.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.680%		
50) Toluene-d8	10.572	98	1852708	51.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.848	95	641412	54.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	196945	18.461	ug/l	99
3) Chloromethane	2.372	50	136171	16.082	ug/l	99
4) Vinyl Chloride	2.525	62	192143	17.035	ug/l	91
5) Bromomethane	2.960	94	174371	17.846	ug/l	99
6) Chloroethane	3.131	64	130257	15.200	ug/l	94
7) Trichlorofluoromethane	3.507	101	330456	19.933	ug/l	99
8) Diethyl Ether	3.972	74	115413	19.158	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.384	101	194785	20.202	ug/l	98
10) Methyl Iodide	4.596	142	240428	20.297	ug/l	95
11) Tert butyl alcohol	5.531	59	142422	80.489	ug/l	98
12) 1,1-Dichloroethene	4.354	96	179726	19.066	ug/l	90
13) Acrolein	4.184	56	98392	55.897	ug/l	99
14) Allyl chloride	5.037	41	156647	14.947	ug/l #	85
15) Acrylonitrile	5.725	53	353615	88.093	ug/l	99
16) Acetone	4.437	43	319794	91.198	ug/l	96
17) Carbon Disulfide	4.725	76	420598	17.559	ug/l	97
18) Methyl Acetate	5.043	43	223053	16.472	ug/l	91
19) Methyl tert-butyl Ether	5.807	73	590109	18.824	ug/l	95
20) Methylene Chloride	5.290	84	211205	18.992	ug/l #	87
21) trans-1,2-Dichloroethene	5.795	96	200303	19.651	ug/l	89
22) Diisopropyl ether	6.684	45	401707	16.701	ug/l	94
23) Vinyl Acetate	6.613	43	1403786	93.452	ug/l	95
24) 1,1-Dichloroethane	6.572	63	306859	18.023	ug/l #	92
25) 2-Butanone	7.489	43	422251	84.899	ug/l	93
26) 2,2-Dichloropropane	7.495	77	316361	19.163	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	239026	19.800	ug/l	92
28) Bromochloromethane	7.819	49	113708	17.489	ug/l #	74
29) Tetrahydrofuran	7.848	42	246330	79.049	ug/l #	85
30) Chloroform	7.972	83	390466	20.350	ug/l	94
31) Cyclohexane	8.260	56	261337	16.737	ug/l #	76
32) 1,1,1-Trichloroethane	8.172	97	372850	21.136	ug/l	94
36) 1,1-Dichloropropene	8.378	75	266760	19.595	ug/l	98
37) Ethyl Acetate	7.566	43	163355	15.791	ug/l	96
38) Carbon Tetrachloride	8.366	117	311774	20.757	ug/l	96
39) Methylcyclohexane	9.601	83	367020	20.462	ug/l	95
40) Benzene	8.613	78	816997	19.700	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	82836	15.374	ug/l #	81
42) 1,2-Dichloroethane	8.672	62	263699	18.512	ug/l	97
43) Isopropyl Acetate	8.689	43	294271	16.443	ug/l #	91
44) Trichloroethene	9.354	130	225765	21.261	ug/l	97
45) 1,2-Dichloropropane	9.625	63	183379	18.876	ug/l	92
46) Dibromomethane	9.713	93	156702	19.879	ug/l	95
47) Bromodichloromethane	9.889	83	303107	19.879	ug/l	97
48) Methyl methacrylate	9.678	41	130198	15.982	ug/l	89
49) 1,4-Dioxane	9.695	88	80087	391.930	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	860713	81.994	ug/l	93
52) Toluene	10.630	92	576915	21.234	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	300423	19.458	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	330181	19.647	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	226781	20.757	ug/l	95
56) Ethyl methacrylate	10.877	69	291923	19.069	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	351743	20.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	438724	84.728	ug/l	94
59) 2-Hexanone	11.195	43	638345	83.659	ug/l	92
60) Dibromochloromethane	11.360	129	236130	20.825	ug/l	99
61) 1,2-Dibromoethane	11.472	107	236974	21.245	ug/l	98
64) Tetrachloroethene	11.107	164	177100	21.190	ug/l	99
65) Chlorobenzene	11.895	112	621277	21.029	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	228144	21.225	ug/l	97
67) Ethyl Benzene	11.966	91	1074584	20.661	ug/l	99
68) m/p-Xylenes	12.071	106	849036	42.003	ug/l	99
69) o-Xylene	12.401	106	431863	21.721	ug/l	97
70) Styrene	12.413	104	673258	21.652	ug/l	99
71) Bromoform	12.583	173	150940	21.463	ug/l #	99
73) Isopropylbenzene	12.695	105	1103443	20.913	ug/l	99
74) N-amyl acetate	12.495	43	233875	14.972	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	304283	18.354	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	215467m	16.296	ug/l	
77) Bromobenzene	12.983	156	239236	20.804	ug/l	92
78) n-propylbenzene	13.036	91	1170794	20.068	ug/l	97
79) 2-Chlorotoluene	13.124	91	734970	20.433	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	871176	22.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	81367	17.386	ug/l	97
82) 4-Chlorotoluene	13.224	91	703316	20.925	ug/l	97
83) tert-Butylbenzene	13.442	119	792796	20.834	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	799463	21.846	ug/l	98
85) sec-Butylbenzene	13.618	105	1090450	20.878	ug/l	100
86) p-Isopropyltoluene	13.730	119	857981	21.350	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	419680	20.521	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	421379	20.868	ug/l	99
89) n-Butylbenzene	14.060	91	630611	20.277	ug/l	97
90) Hexachloroethane	14.336	117	161075	18.142	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	425471	20.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	55342	18.052	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	98467	20.115	ug/l	95
94) Hexachlorobutadiene	15.501	225	86088	21.003	ug/l	98
95) Naphthalene	15.642	128	380437	20.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.848	180	94927	20.565	ug/l	96

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ClientSampleId :
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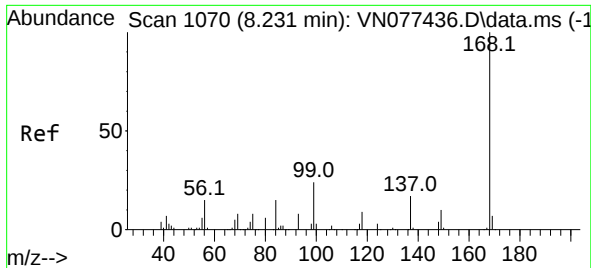
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/05/2023

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



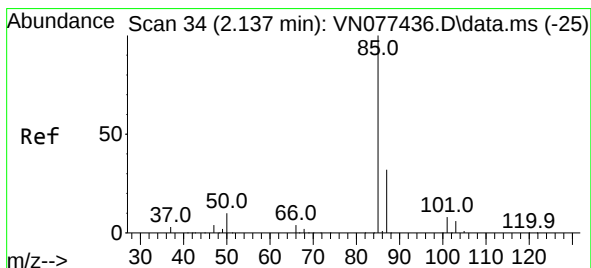
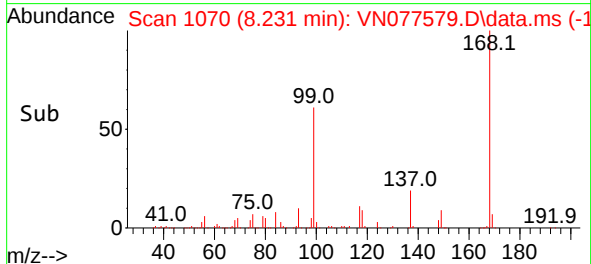
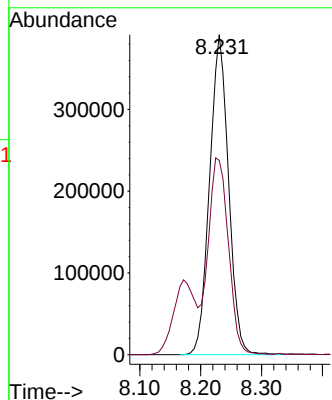
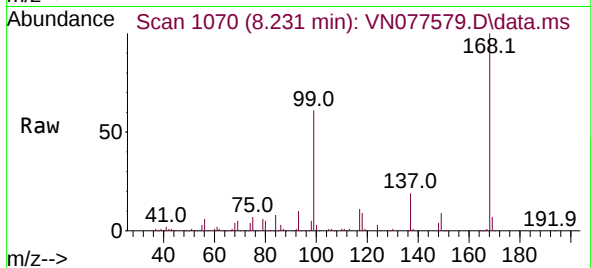
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion:168 Resp: 84468
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6

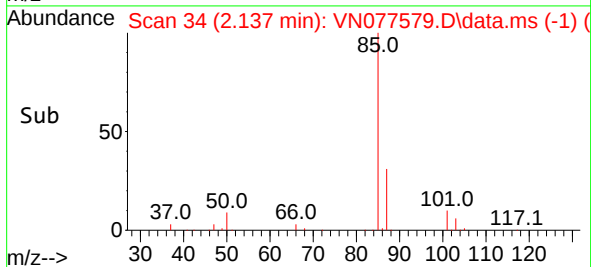
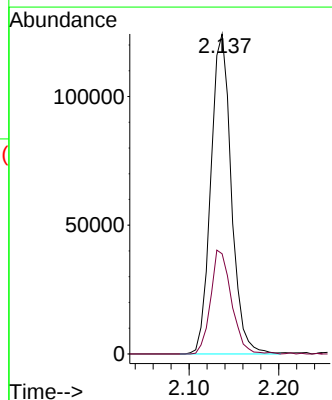
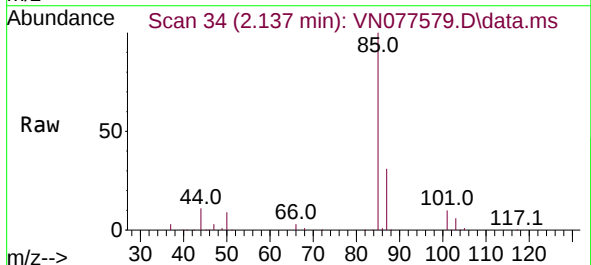
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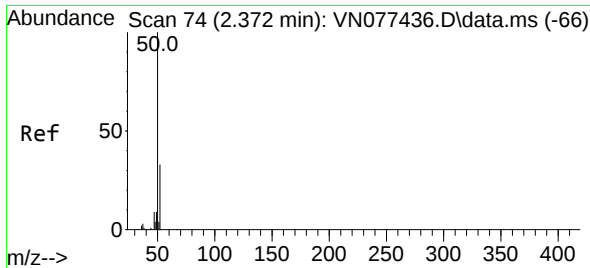
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#2
Dichlorodifluoromethane
Concen: 18.461 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

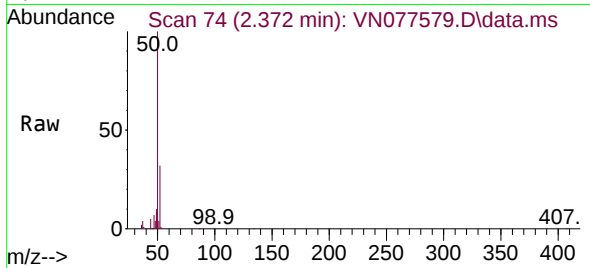
Tgt Ion: 85 Resp: 196945
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 16.082 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

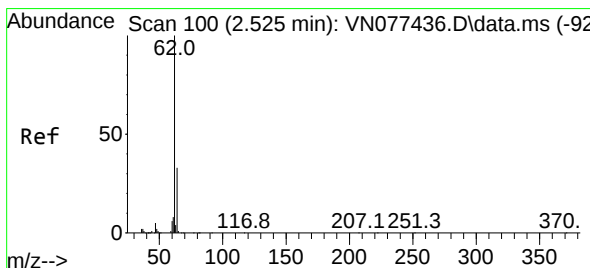
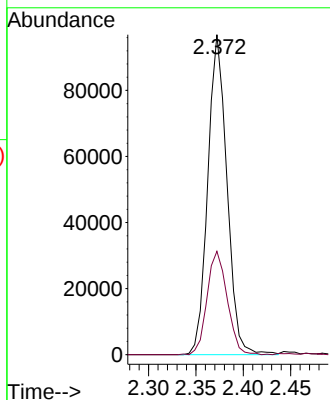
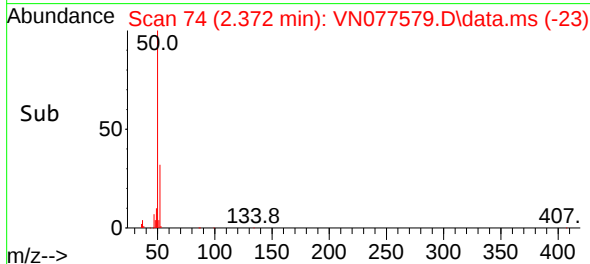
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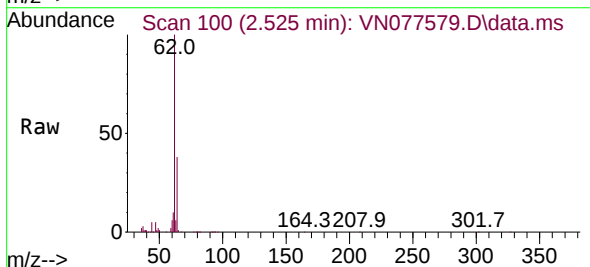
Tgt Ion: 50 Resp: 13617
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

Manual Integrations
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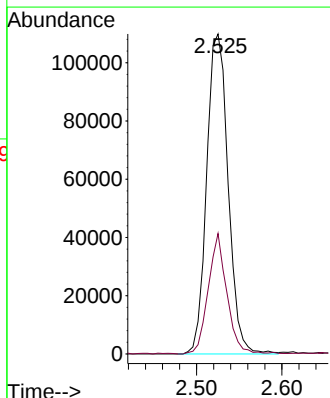
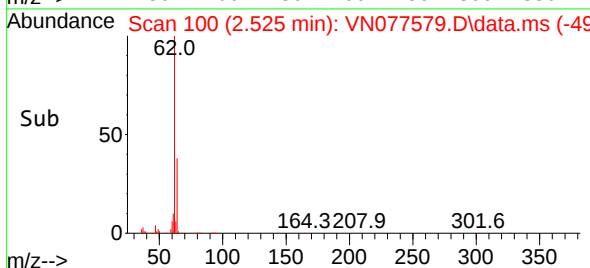
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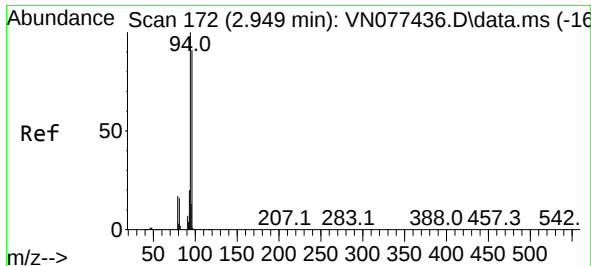


#4
Vinyl Chloride
Concen: 17.035 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



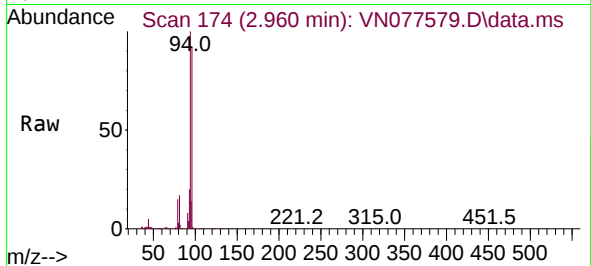
Tgt Ion: 62 Resp: 192143
Ion Ratio Lower Upper
62 100
64 37.7 26.2 39.2





#5
Bromomethane
Concen: 17.846 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

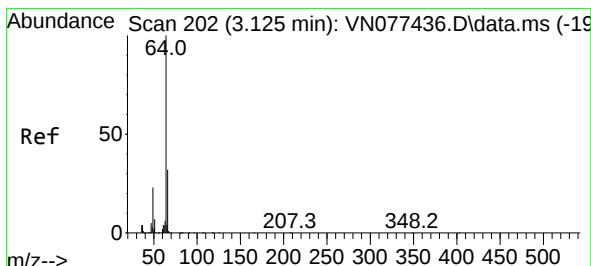
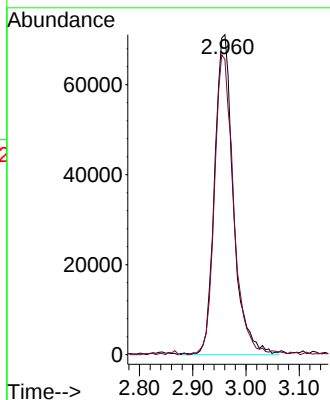
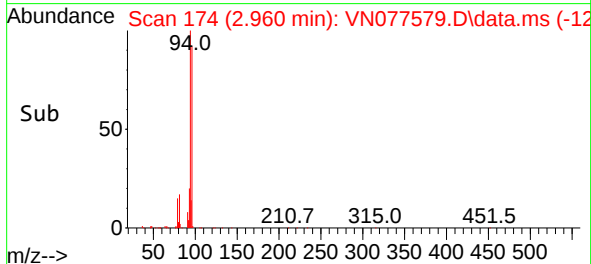
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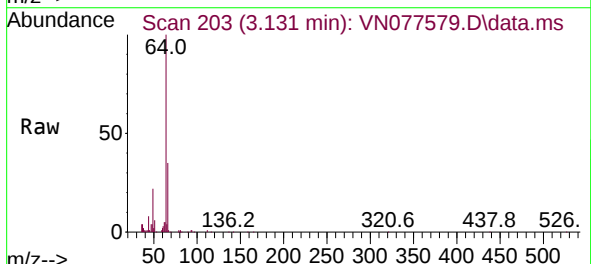
Tgt Ion: 94 Resp: 17437
Ion Ratio Lower Upper
94 100
96 92.0 73.1 109.7

Manual Integrations
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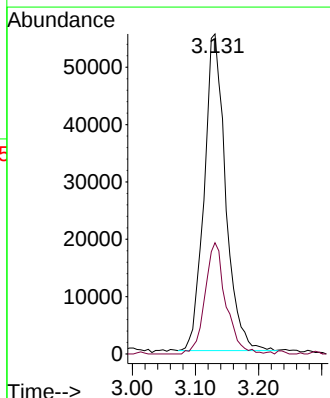
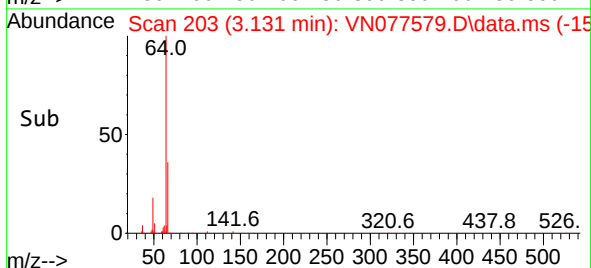
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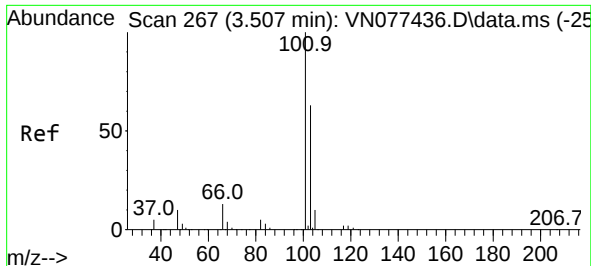


#6
Chloroethane
Concen: 15.200 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



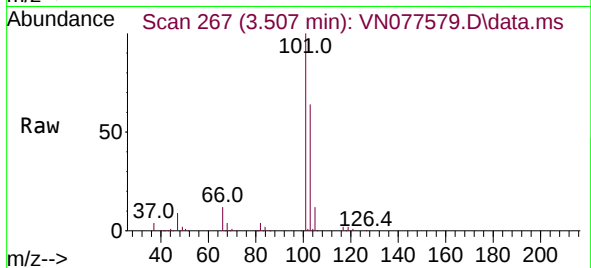
Tgt Ion: 64 Resp: 130257
Ion Ratio Lower Upper
64 100
66 35.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.933 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

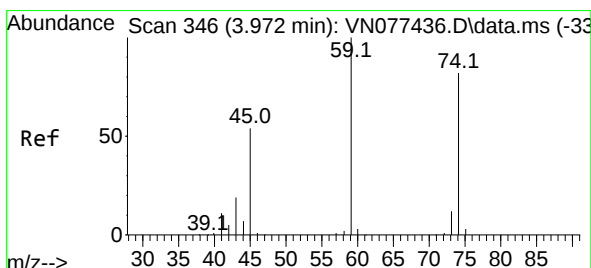
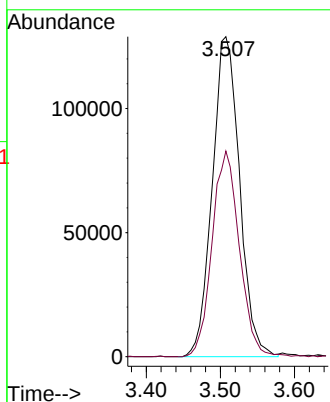
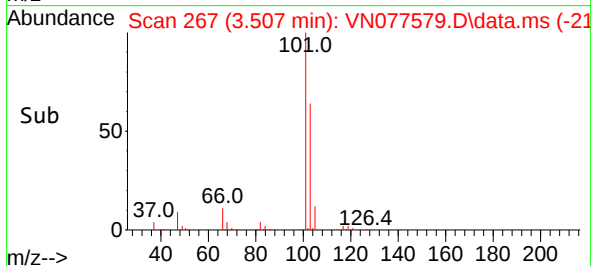
Instrument :
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Tgt Ion:101 Resp: 330450
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

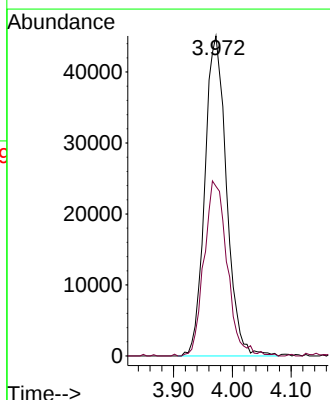
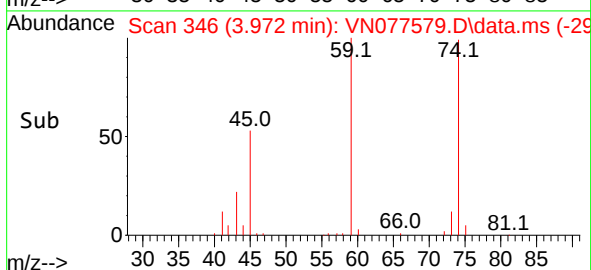
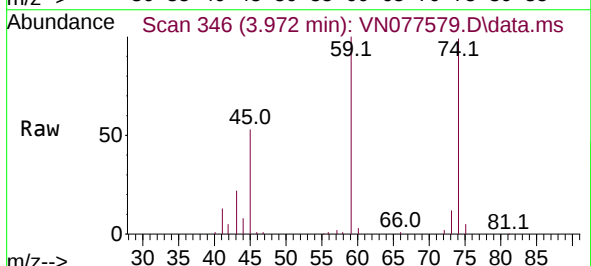
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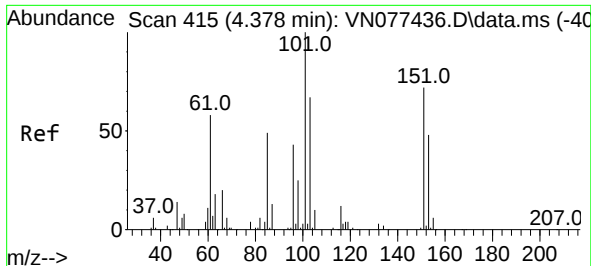
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#8
 Diethyl Ether
 Concen: 19.158 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

Tgt Ion: 74 Resp: 115413
 Ion Ratio Lower Upper
 74 100
 45 57.8 34.4 103.3





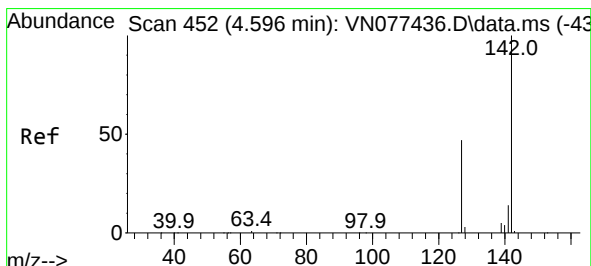
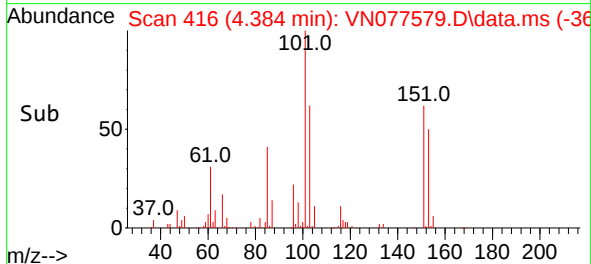
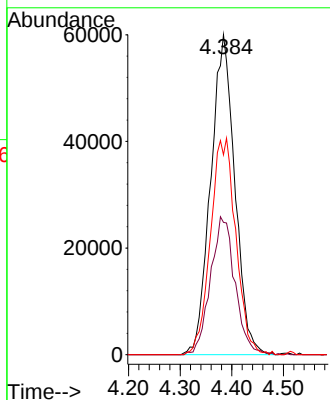
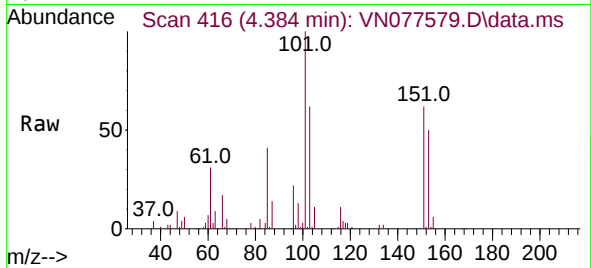
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.202 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion:101 Resp: 19478
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 71.1 57.6 86.4

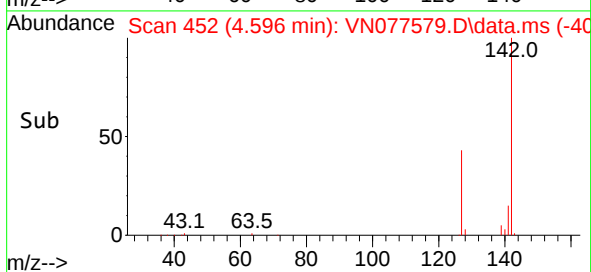
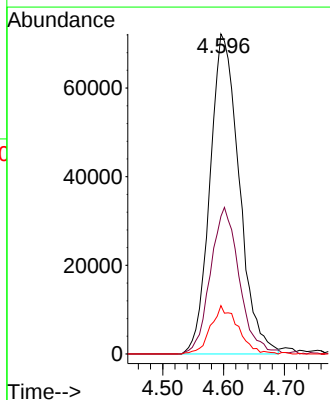
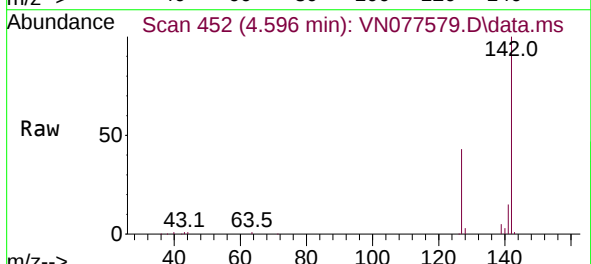
Manual Integrations
APPROVED

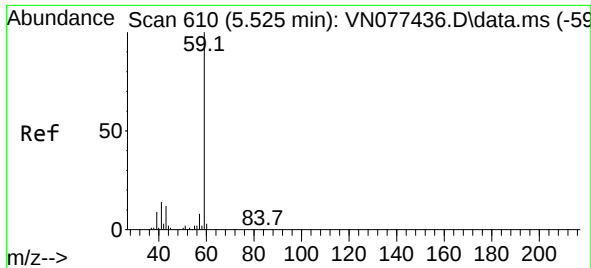
Reviewed By :John Carbone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#10
Methyl Iodide
Concen: 20.297 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion:142 Resp: 240428
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 15.1 11.4 17.0





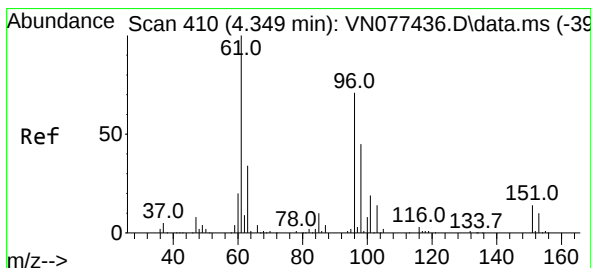
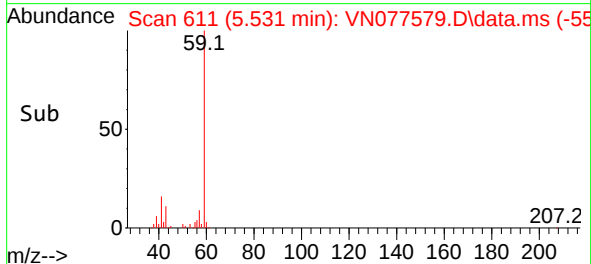
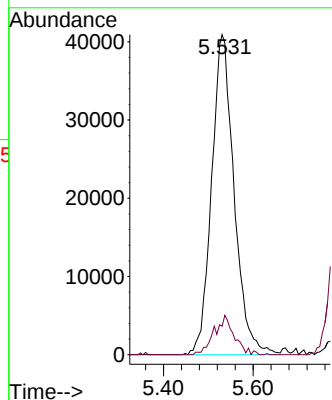
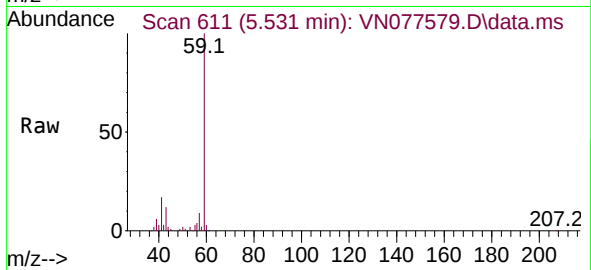
#11
Tert butyl alcohol
Concen: 80.489 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion: 59 Resp: 14242
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

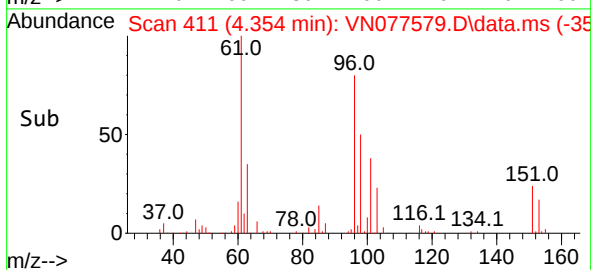
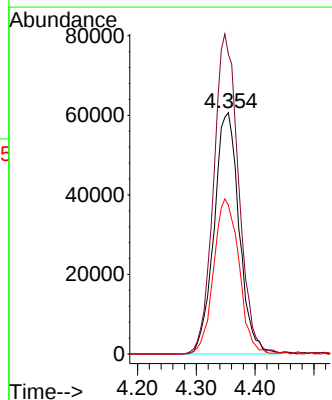
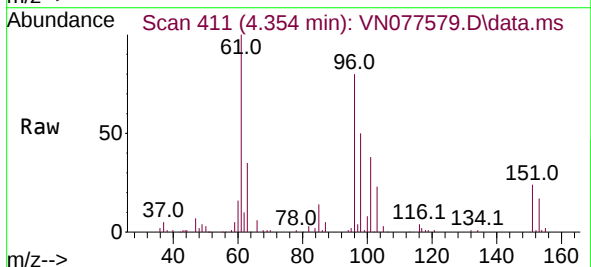
Manual Integrations
APPROVED

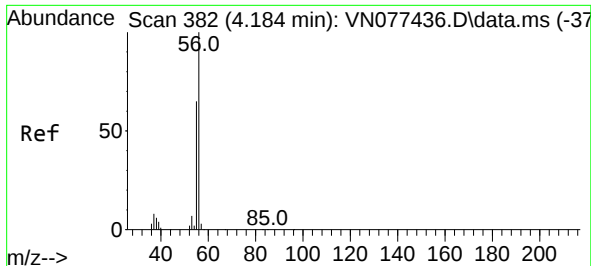
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#12
1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

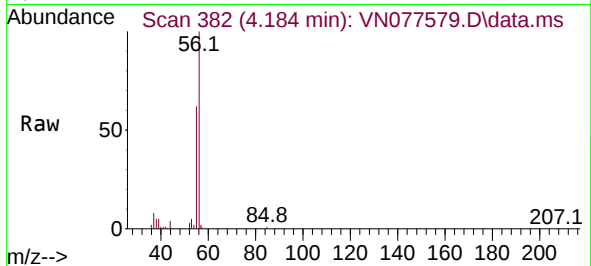
Tgt Ion: 96 Resp: 179726
Ion Ratio Lower Upper
96 100
61 124.3 112.7 169.1
98 61.8 51.2 76.8





#13
Acrolein
Concen: 55.897 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

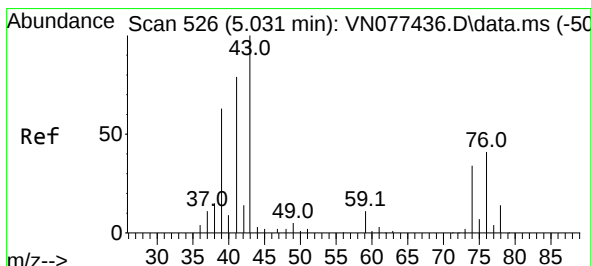
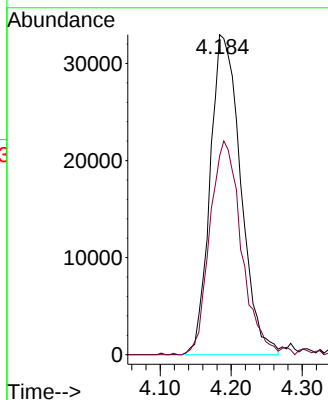
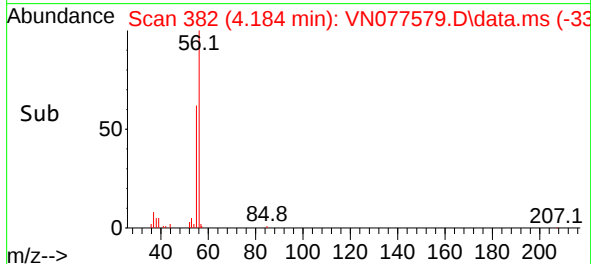
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



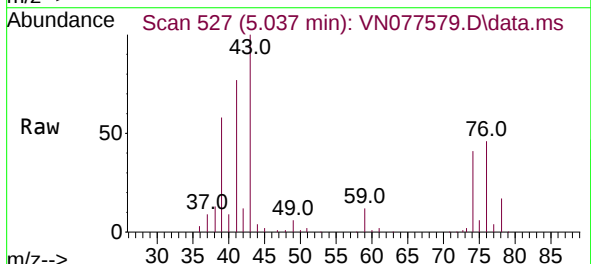
Tgt Ion: 56 Resp: 98392
Ion Ratio Lower Upper
56 100
55 68.8 54.5 81.7

Manual Integrations
APPROVED

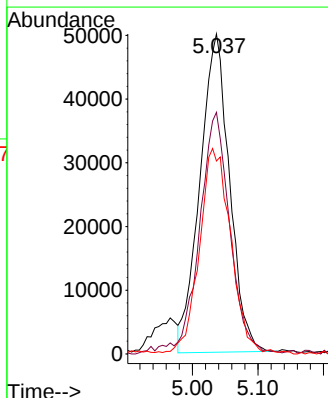
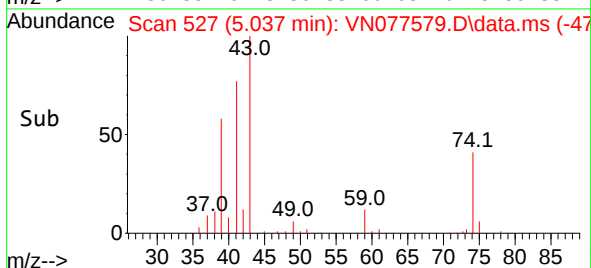
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

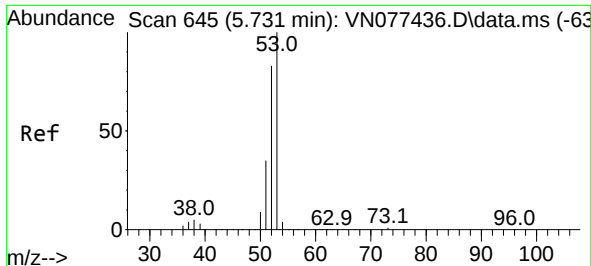


#14
Allyl chloride
Concen: 14.947 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



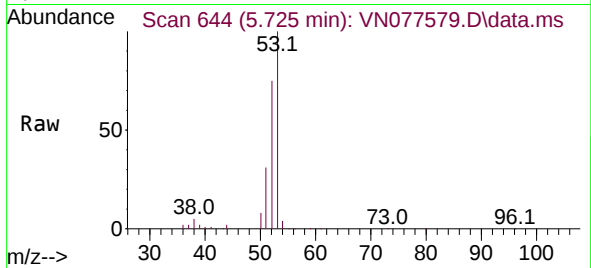
Tgt Ion: 41 Resp: 156647
Ion Ratio Lower Upper
41 100
39 78.8 58.8 88.2
76 67.3 39.1 58.7#





#15
Acrylonitrile
Concen: 88.093 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

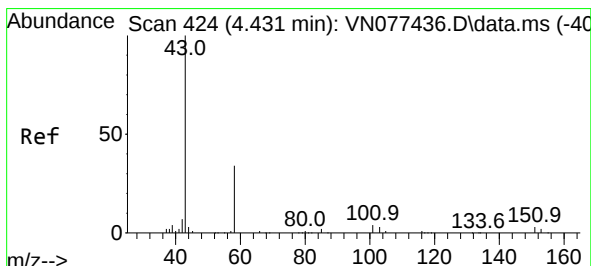
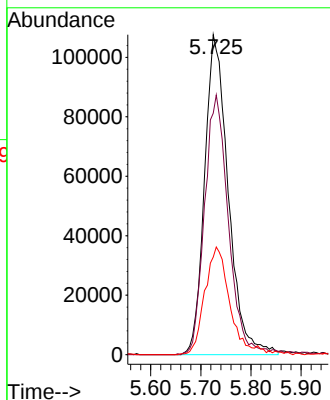
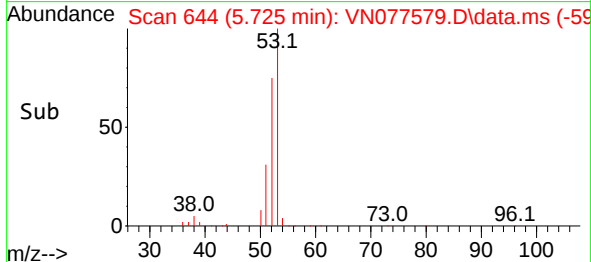
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



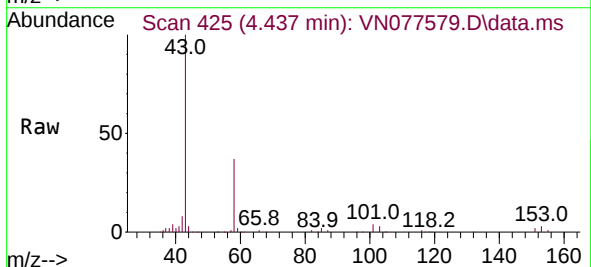
Tgt Ion: 53 Resp: 35361
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 34.6 28.9 43.3

Manual Integrations
APPROVED

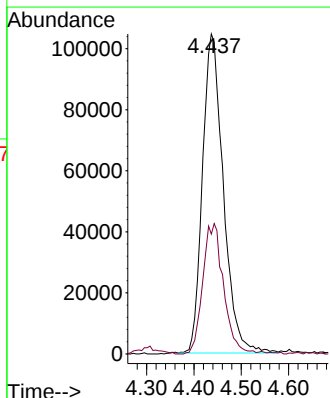
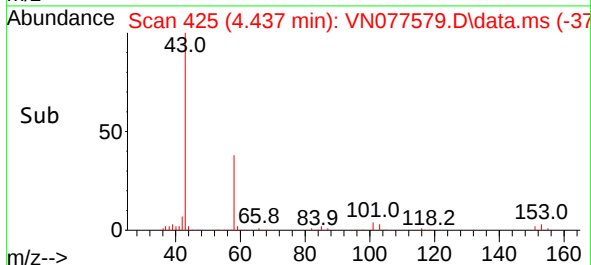
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

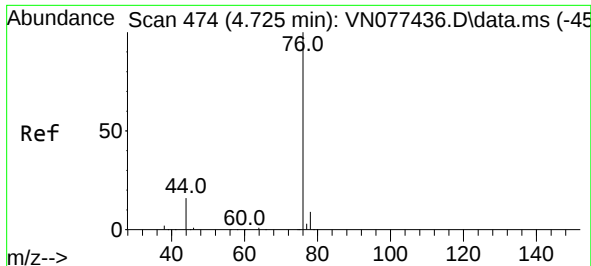


#16
Acetone
Concen: 91.198 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



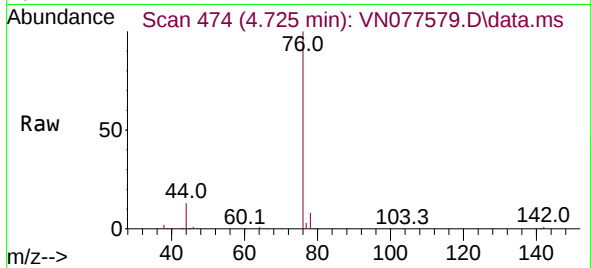
Tgt Ion: 43 Resp: 319794
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0





#17
Carbon Disulfide
Concen: 17.559 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

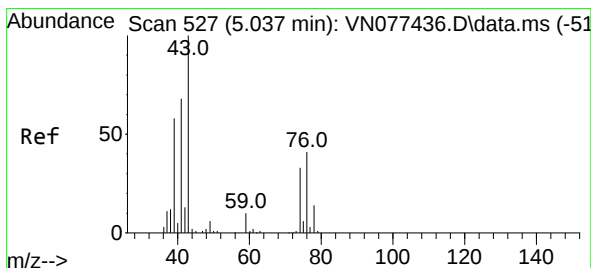
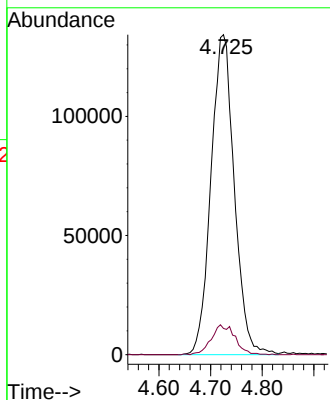
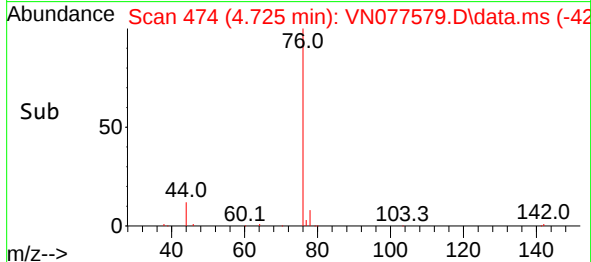
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



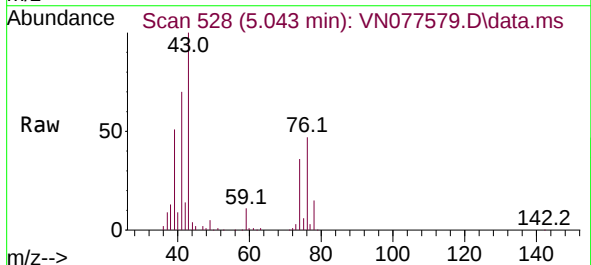
Tgt Ion: 76 Resp: 420598
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

Manual Integrations
APPROVED

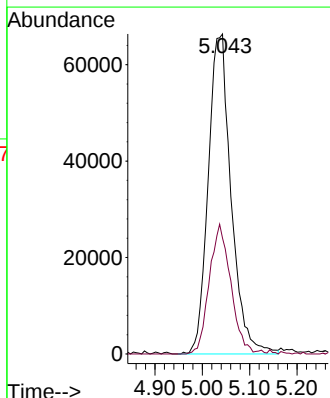
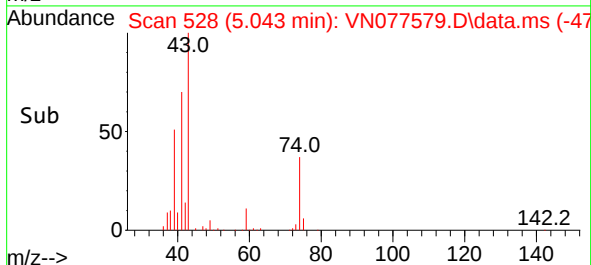
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

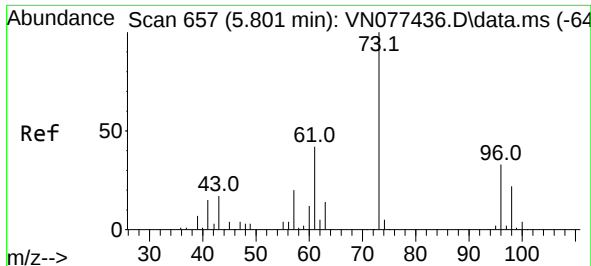


#18
Methyl Acetate
Concen: 16.472 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion: 43 Resp: 223053
Ion Ratio Lower Upper
43 100
74 37.9 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 18.824 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 73 Resp: 590109

Ion Ratio Lower Upper

73 100

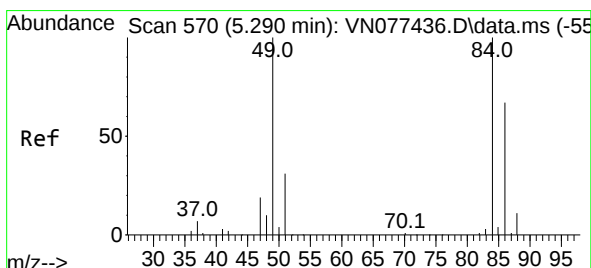
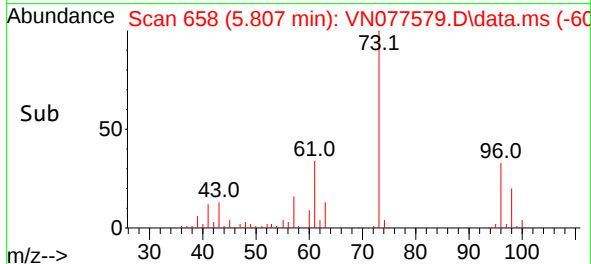
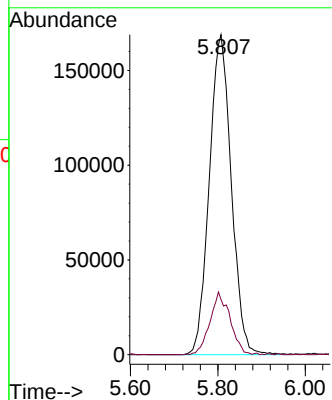
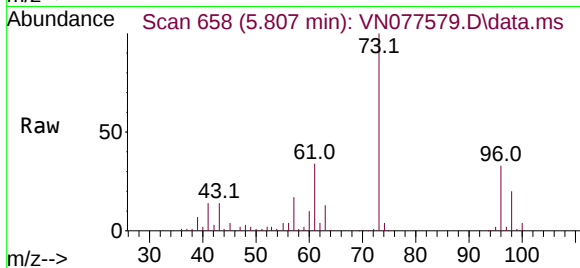
57 17.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#20

Methylene Chloride

Concen: 18.992 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion: 84 Resp: 211205

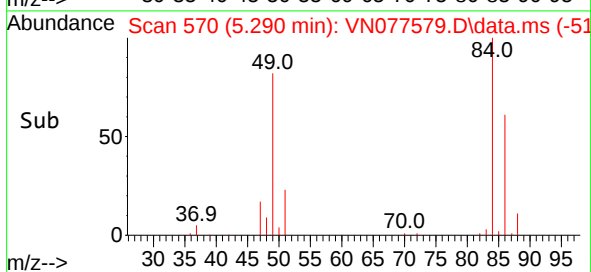
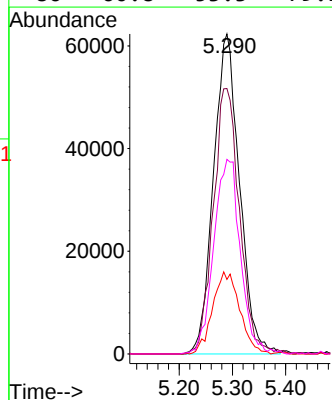
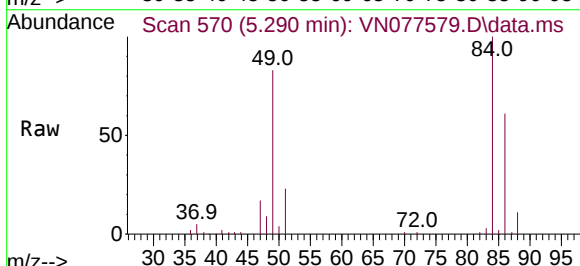
Ion Ratio Lower Upper

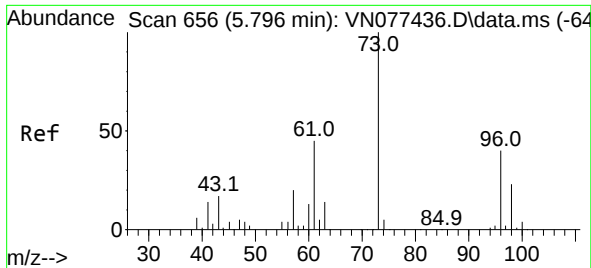
84 100

49 82.9 79.7 119.5

51 23.3 25.2 37.8#

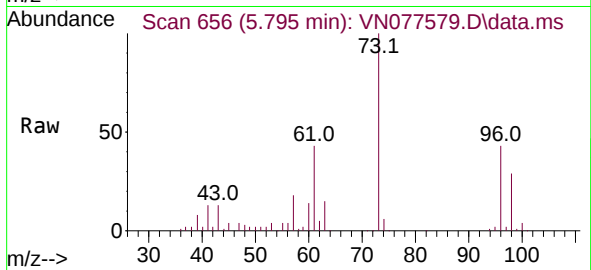
86 60.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.651 ug/l
RT: 5.795 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

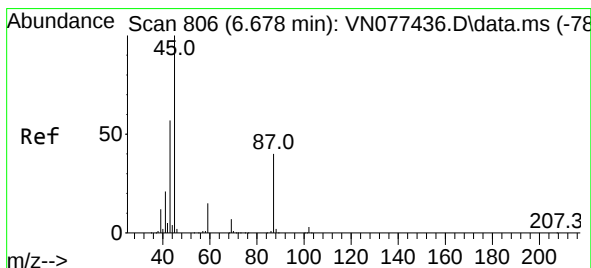
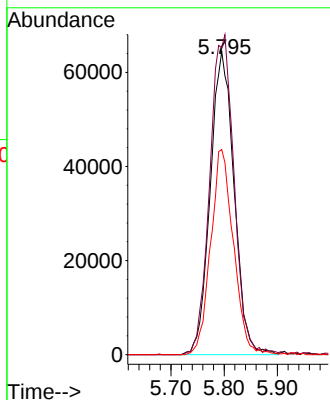
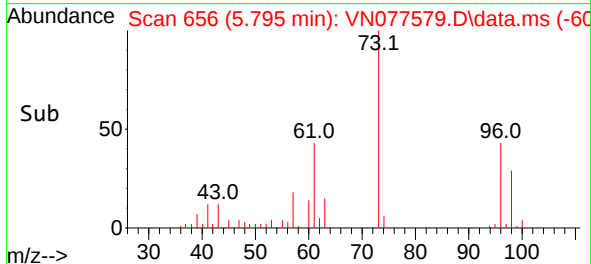
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



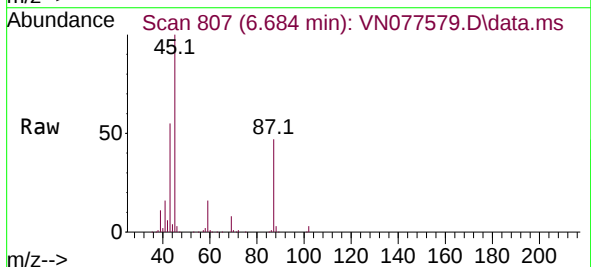
Tgt Ion: 96 Resp: 20030
Ion Ratio Lower Upper
96 100
61 101.2 90.1 135.1
98 67.6 46.4 69.6

Manual Integrations
APPROVED

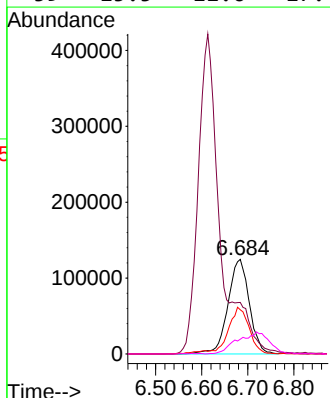
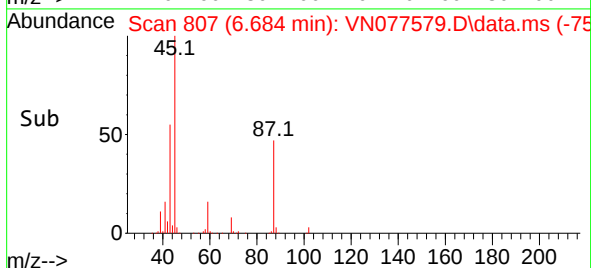
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

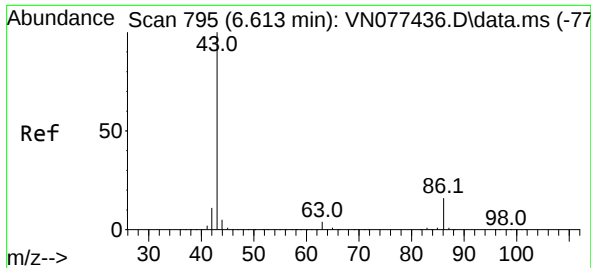


#22
Diisopropyl ether
Concen: 16.701 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



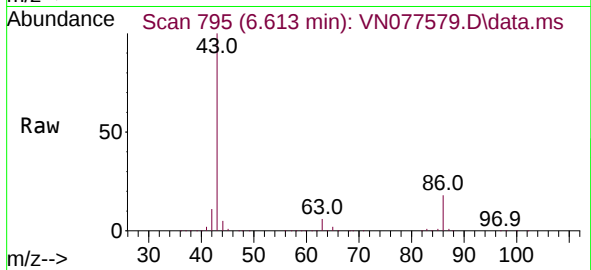
Tgt Ion: 45 Resp: 401707
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 46.5 31.8 47.8
59 15.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 93.452 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

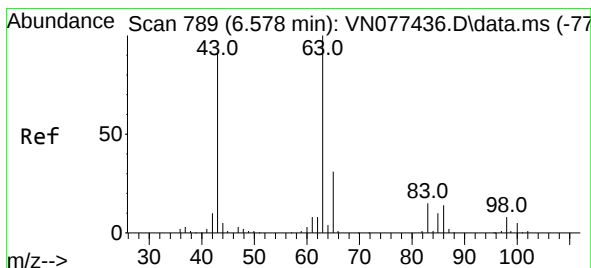
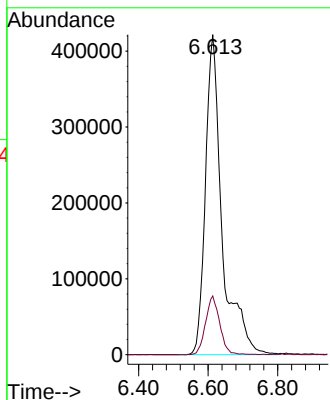
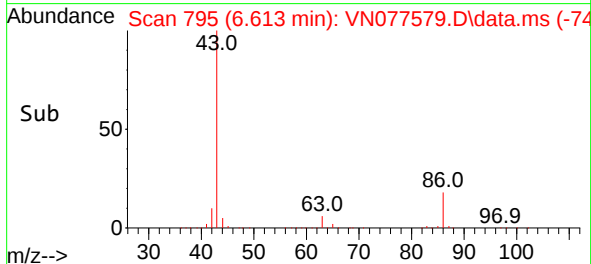
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS02



Tgt Ion: 43 Resp: 140378
 Ion Ratio Lower Upper
 43 100
 86 18.3 13.0 19.6

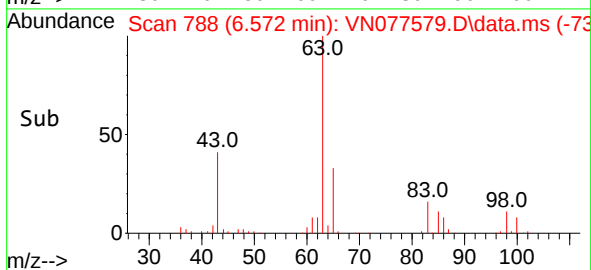
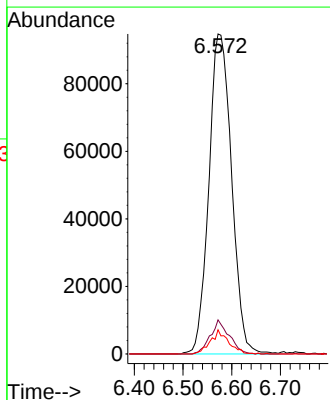
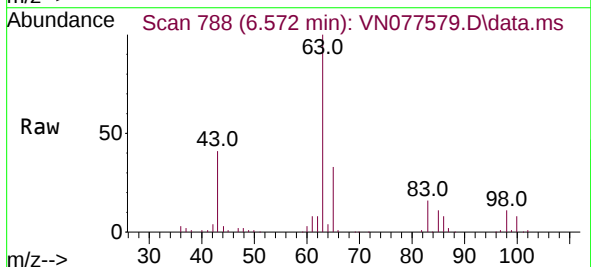
Manual Integrations
 APPROVED

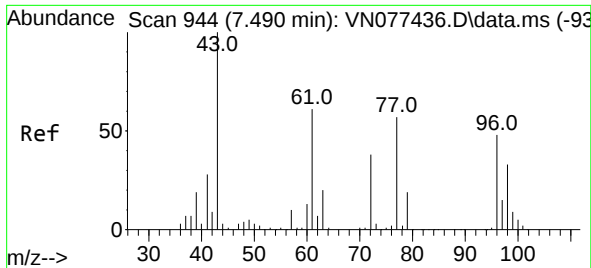
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#24
 1,1-Dichloroethane
 Concen: 18.023 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

Tgt Ion: 63 Resp: 306859
 Ion Ratio Lower Upper
 63 100
 98 10.7 3.9 11.7
 100 7.5 2.5 7.4





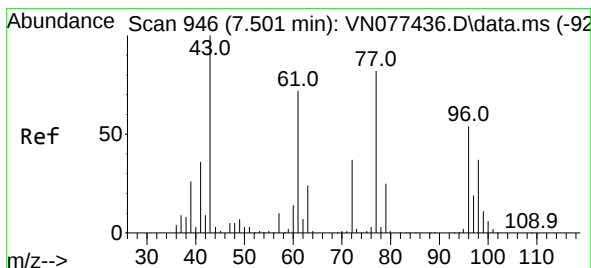
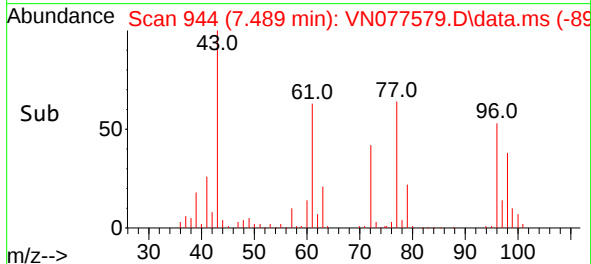
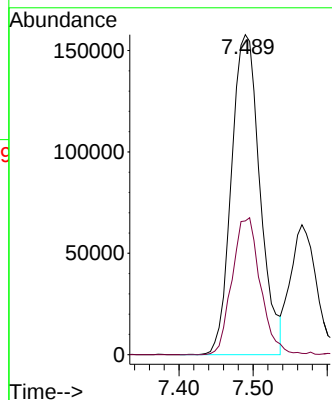
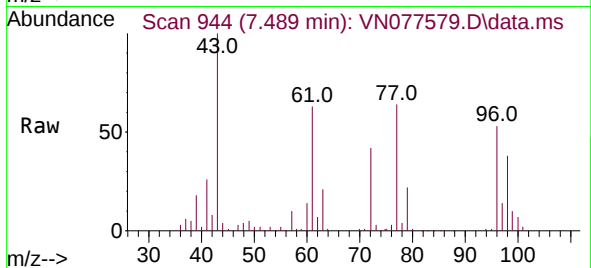
#25
2-Butanone
Concen: 84.899 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion: 43 Resp: 42225
Ion Ratio Lower Upper
43 100
72 41.8 30.2 45.2

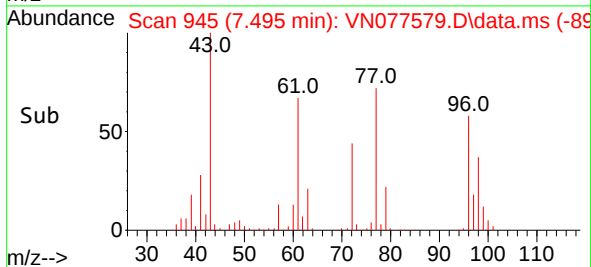
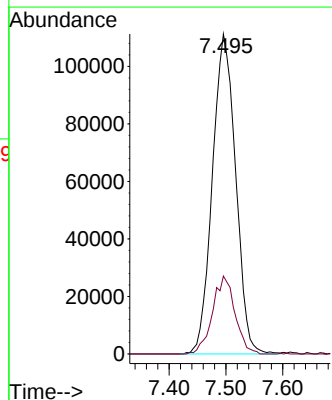
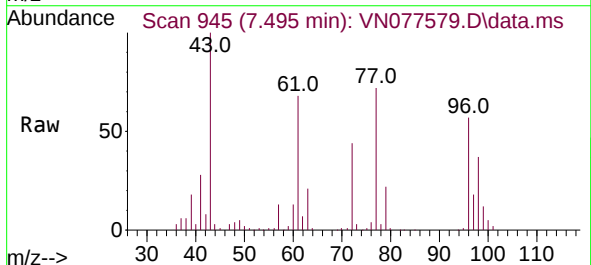
Manual Integrations
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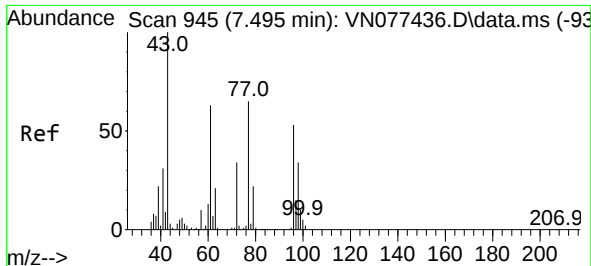
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#26
2,2-Dichloropropane
Concen: 19.163 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion: 77 Resp: 316361
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.800 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077579.D

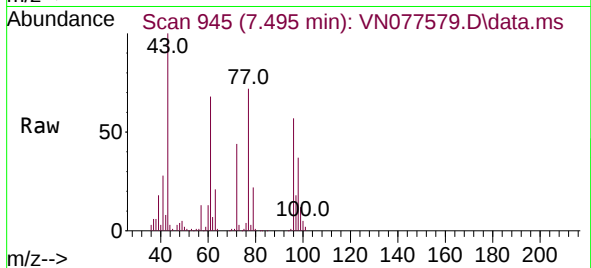
Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02



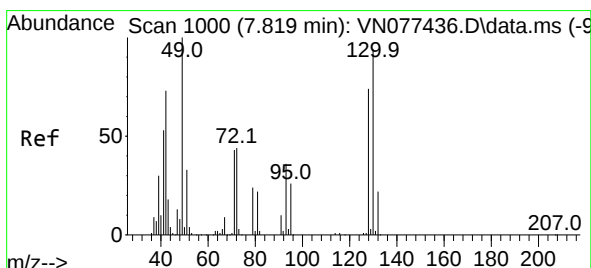
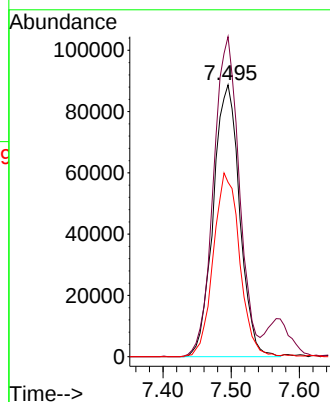
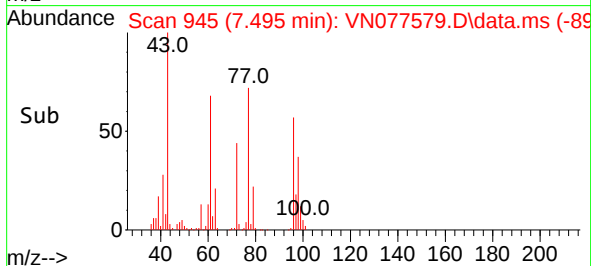
Tgt Ion:	96	Resp:	239020
Ion	Ratio	Lower	Upper
96	100		
61	115.2	0.0	255.2
98	67.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#28

Bromochloromethane

Concen: 17.489 ug/l

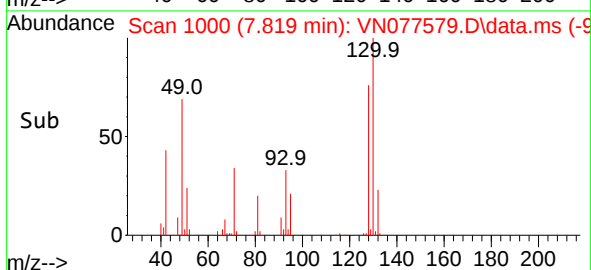
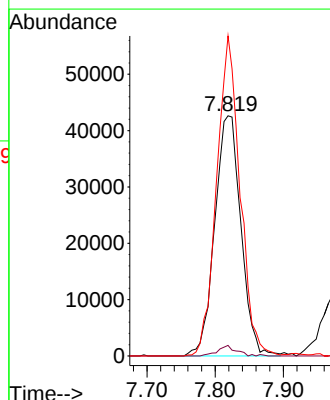
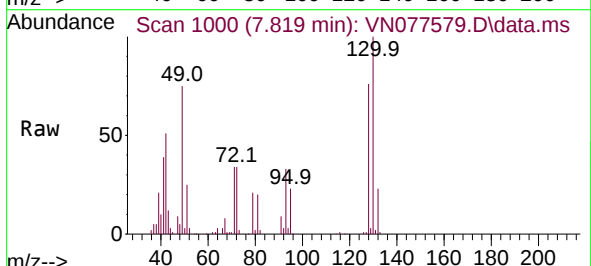
RT: 7.819 min Scan# 1000

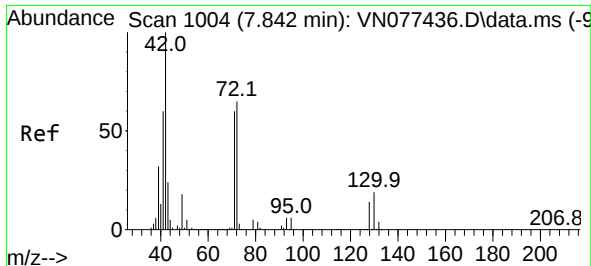
Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion:	49	Resp:	113708
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.8
130	119.4	75.3	112.9#





#29

Tetrahydrofuran

Concen: 79.049 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077579.D

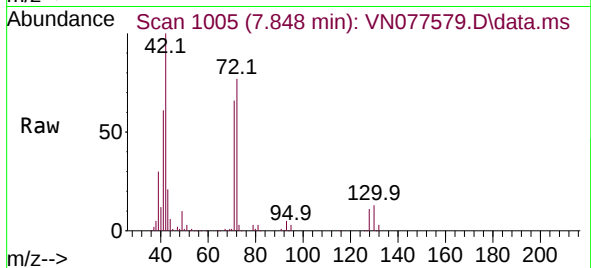
Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02



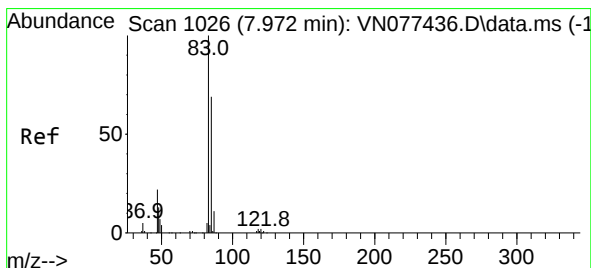
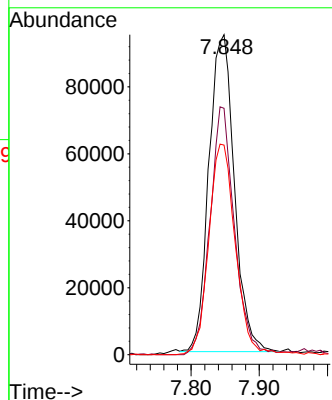
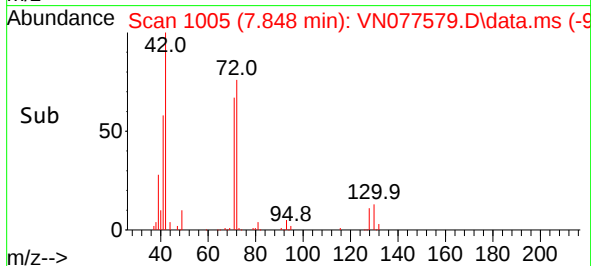
Tgt Ion:	42	Resp:	246330
Ion Ratio	Lower	Upper	
42	100		
72	75.1	49.8	74.6
71	69.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#30

Chloroform

Concen: 20.350 ug/l

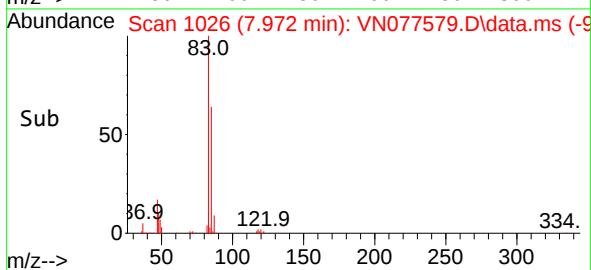
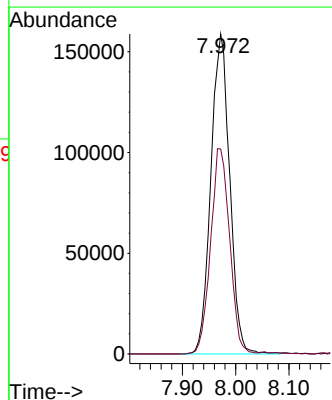
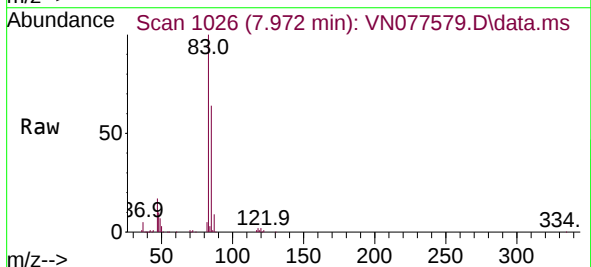
RT: 7.972 min Scan# 1026

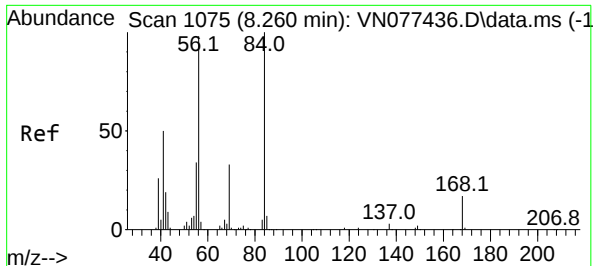
Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

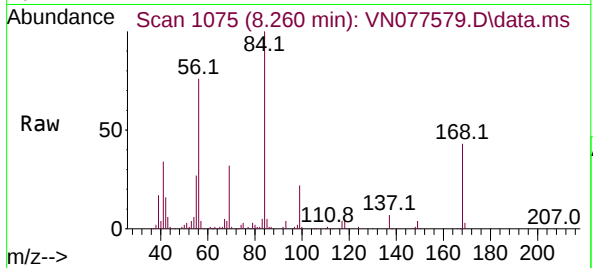
Tgt Ion:	83	Resp:	390466
Ion Ratio	Lower	Upper	
83	100		
85	64.0	55.4	83.0





#31
Cyclohexane
Concen: 16.737 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

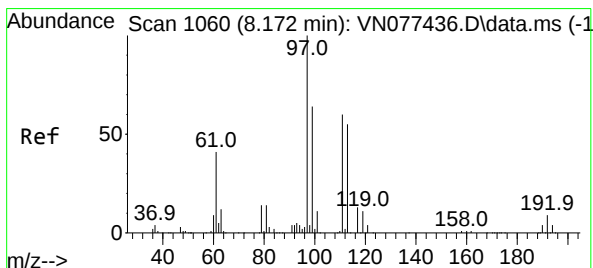
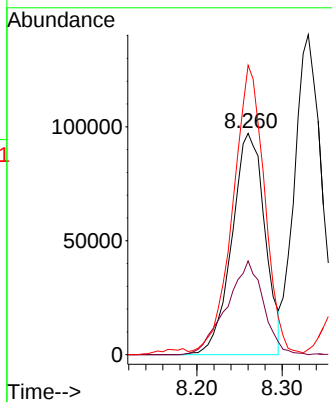
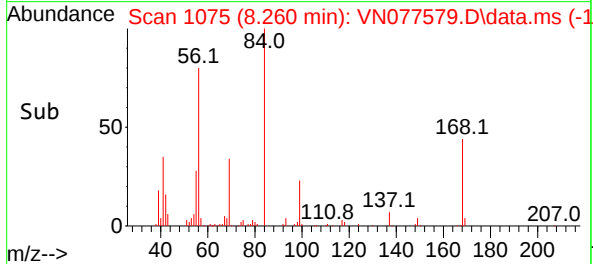
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion: 56 Resp: 26133
Ion Ratio Lower Upper
56 100
69 42.3 26.8 40.2
84 128.8 81.8 122.6

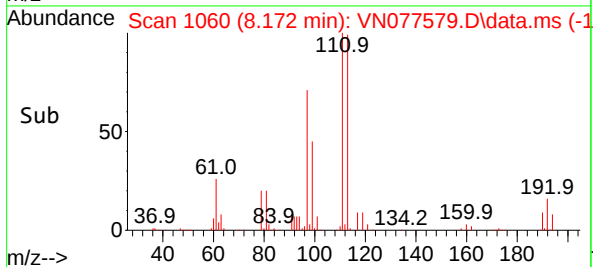
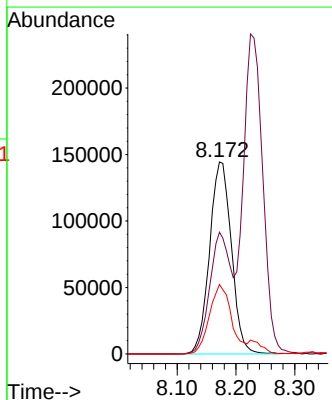
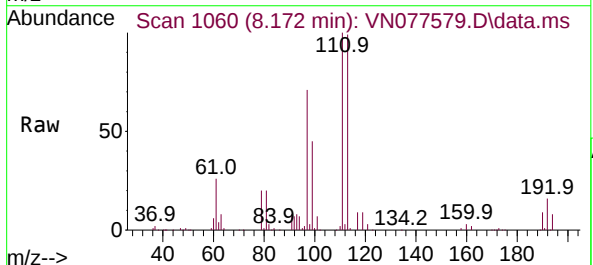
Manual Integrations
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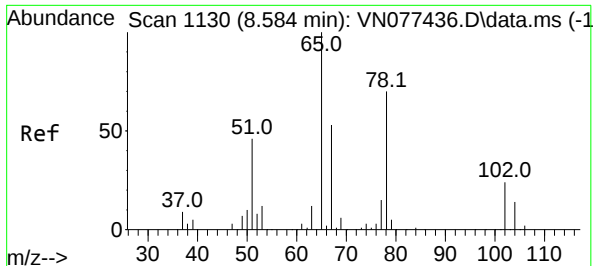
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#32
1,1,1-Trichloroethane
Concen: 21.136 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion: 97 Resp: 372850
Ion Ratio Lower Upper
97 100
99 60.2 50.3 75.5
61 36.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.069 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 65 Resp: 507784

Ion Ratio Lower Upper

65 100

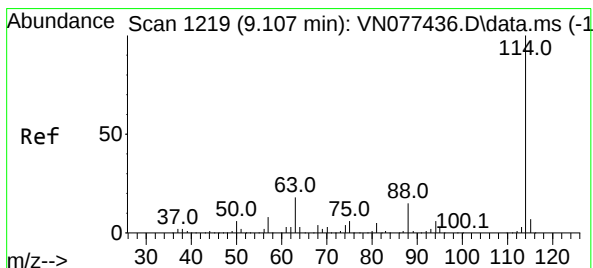
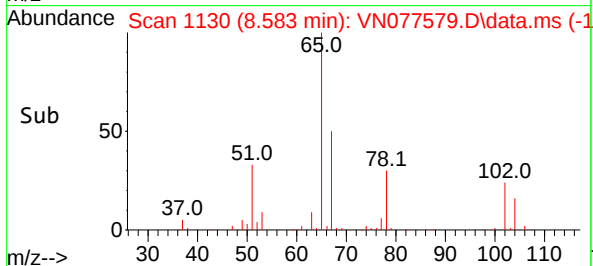
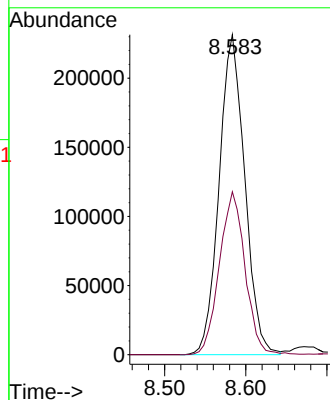
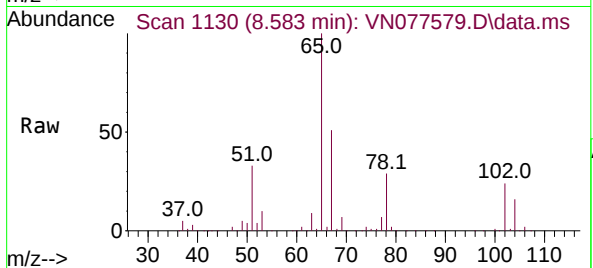
67 51.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

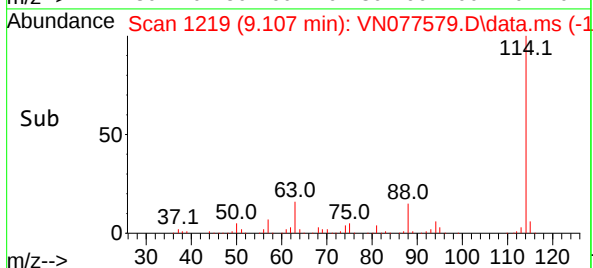
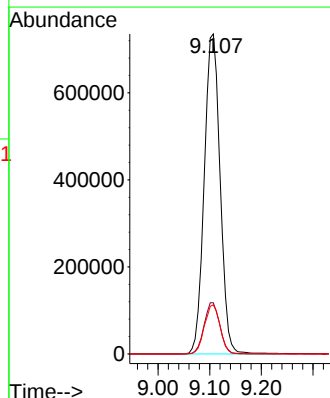
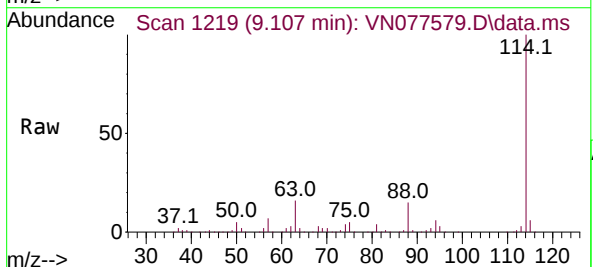
Tgt Ion:114 Resp: 1567809

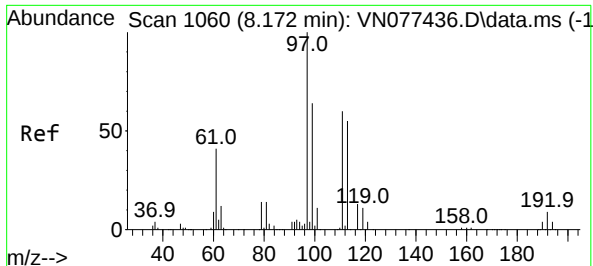
Ion Ratio Lower Upper

114 100

63 16.0 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.340 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 113 Resp: 483784

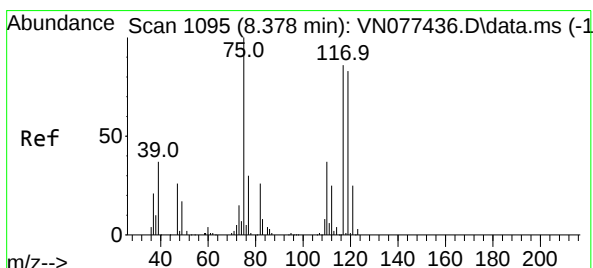
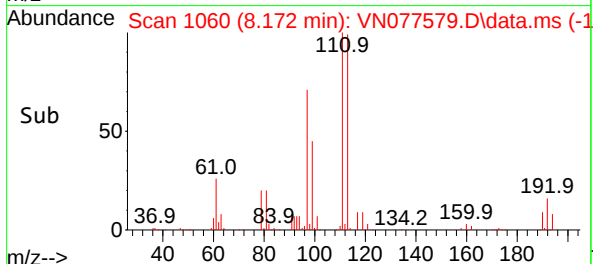
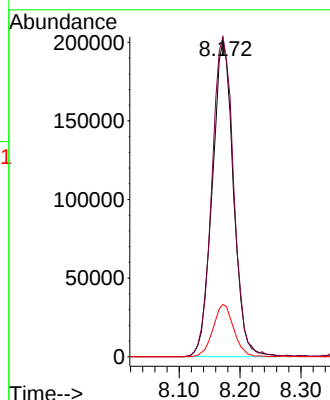
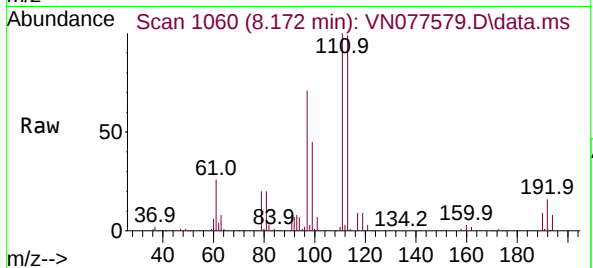
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	123.8
192	16.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/05/2023

Supervised By : Mahesh Dadoda 05/05/2023



#36

1,1-Dichloropropene

Concen: 19.595 ug/l

RT: 8.378 min Scan# 1095

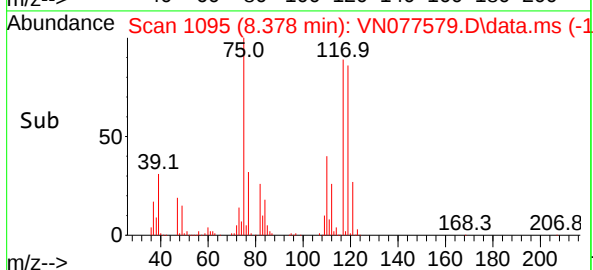
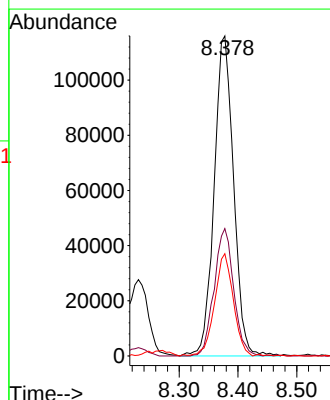
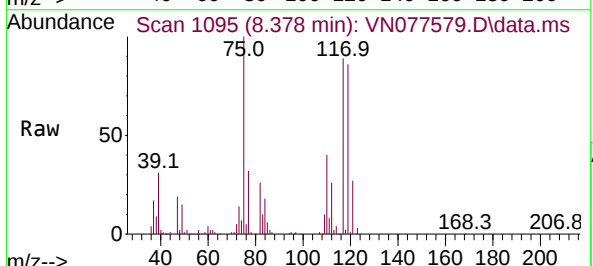
Delta R.T. -0.000 min

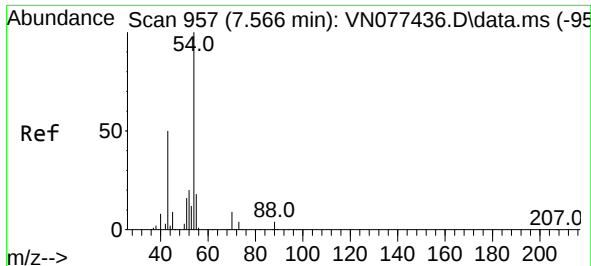
Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion: 75 Resp: 266760

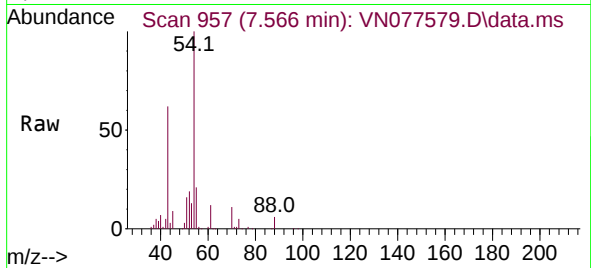
Ion	Ratio	Lower	Upper
75	100		
110	40.0	19.1	57.3
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 15.791 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

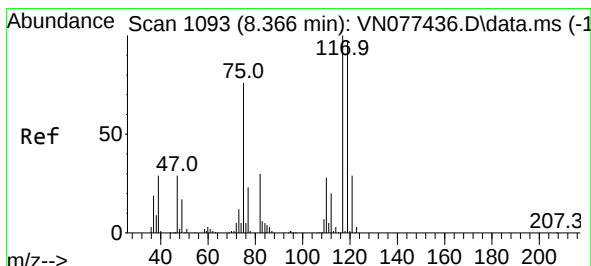
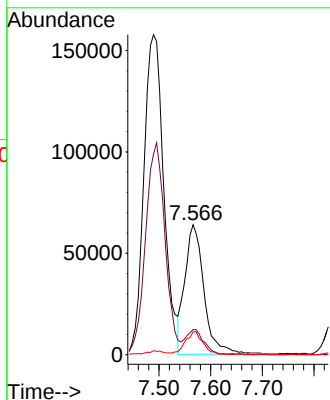
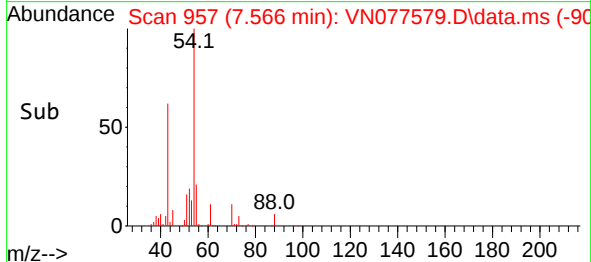
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion: 43 Resp: 16335
Ion Ratio Lower Upper
43 100
61 17.7 13.2 19.8
70 16.6 11.3 16.9

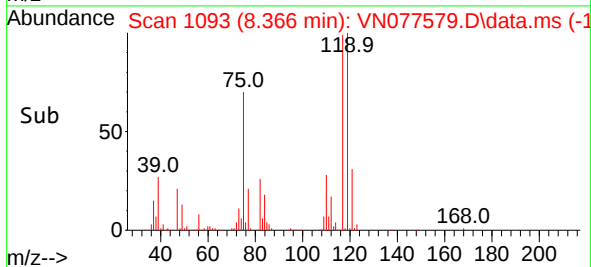
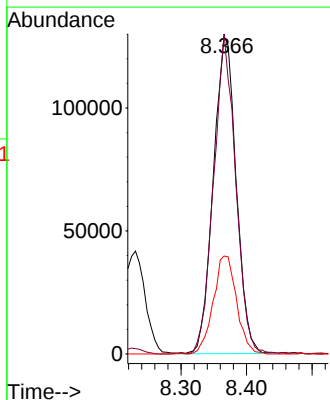
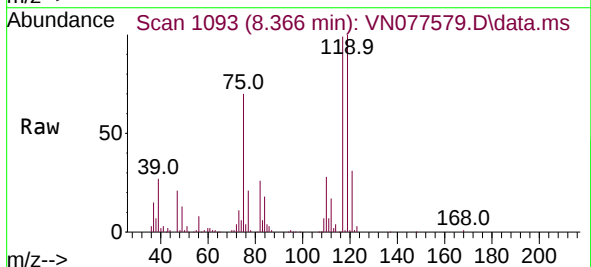
Manual Integrations
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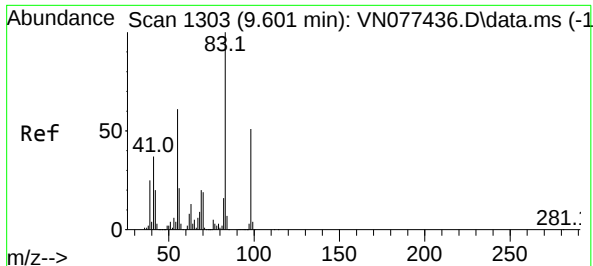
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#38
Carbon Tetrachloride
Concen: 20.757 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion:117 Resp: 311774
Ion Ratio Lower Upper
117 100
119 100.7 77.3 115.9
121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 20.462 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

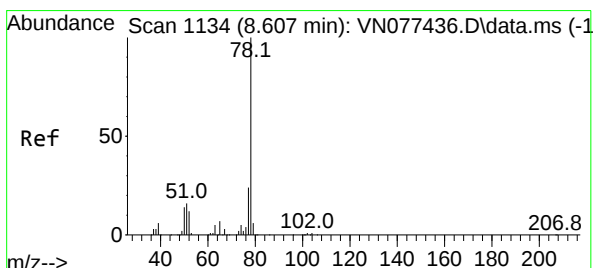
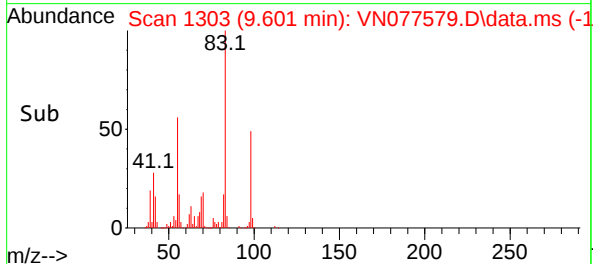
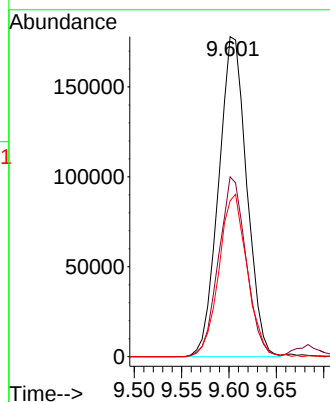
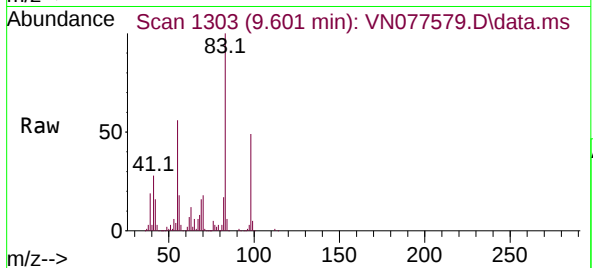
Tgt Ion:	83	Resp:	367020
Ion	Ratio	Lower	Upper
83	100		
55	56.2	49.1	73.7
98	48.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#40

Benzene

Concen: 19.700 ug/l

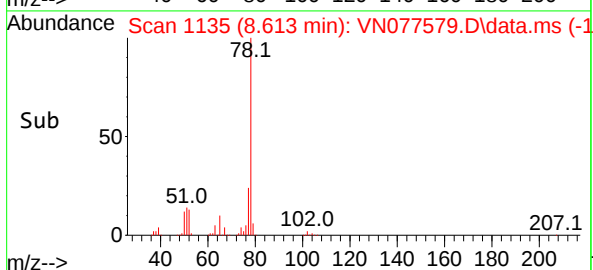
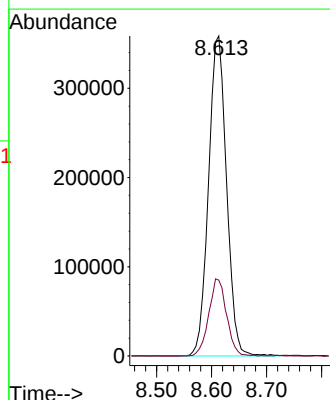
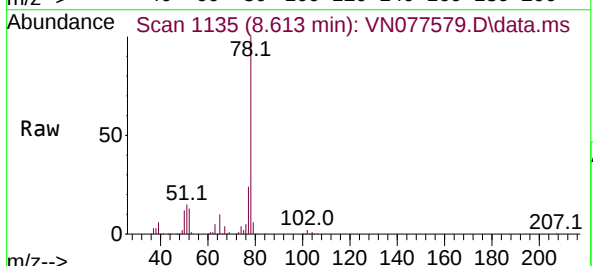
RT: 8.613 min Scan# 1135

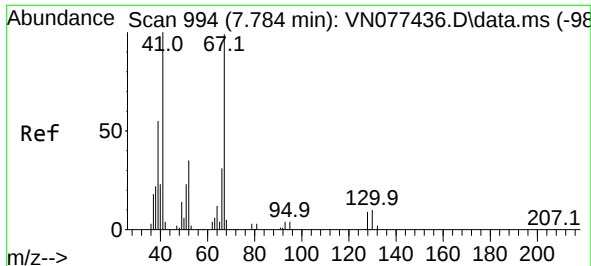
Delta R.T. 0.006 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

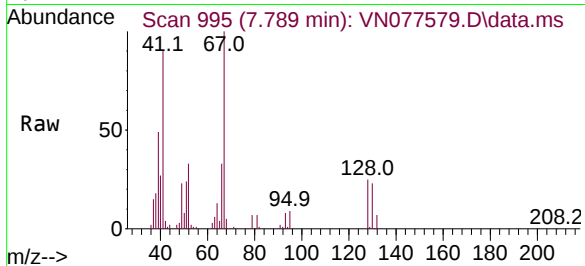
Tgt Ion:	78	Resp:	816997
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41
Methacrylonitrile
Concen: 15.374 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

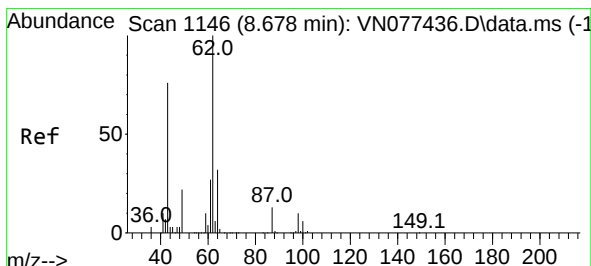
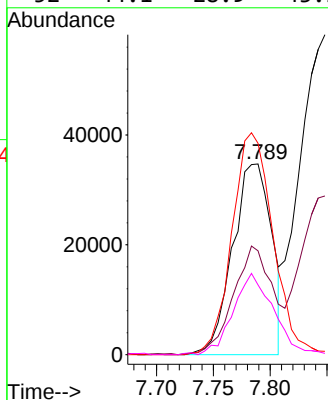
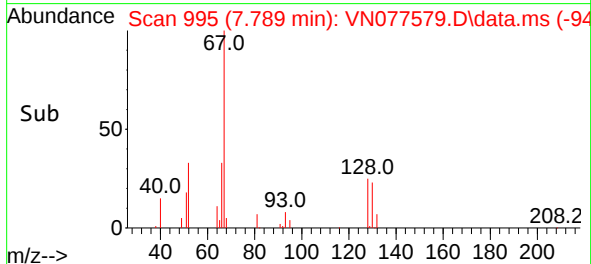
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion: 41 Resp: 82830
Ion Ratio Lower Upper
41 100
39 58.3 42.6 64.0
67 123.1 77.5 116.3
52 44.1 28.9 43.3#

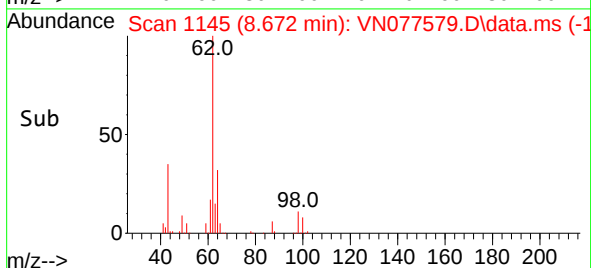
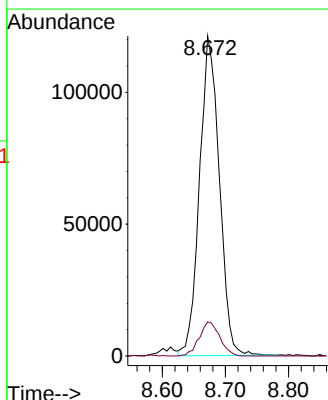
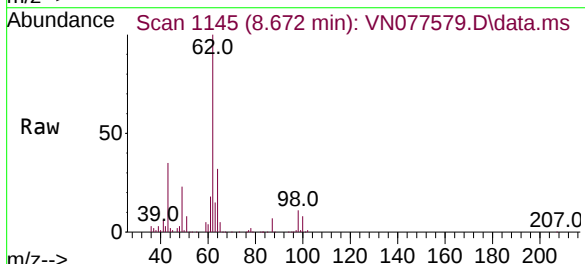
Manual Integrations
APPROVED

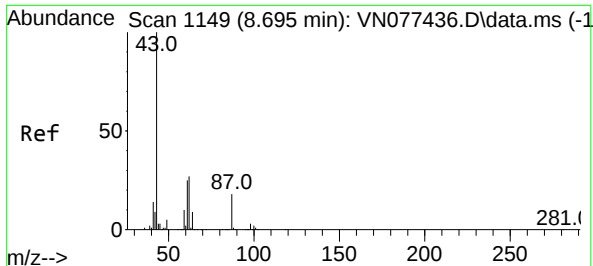
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#42
1,2-Dichloroethane
Concen: 18.512 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion: 62 Resp: 263699
Ion Ratio Lower Upper
62 100
98 11.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.443 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077579.D

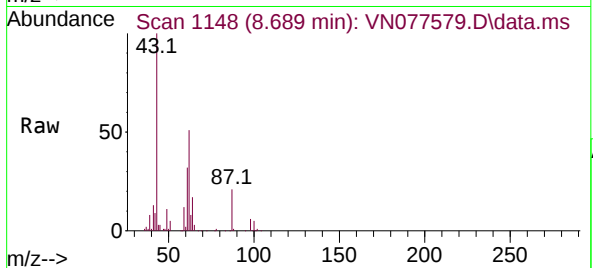
Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02



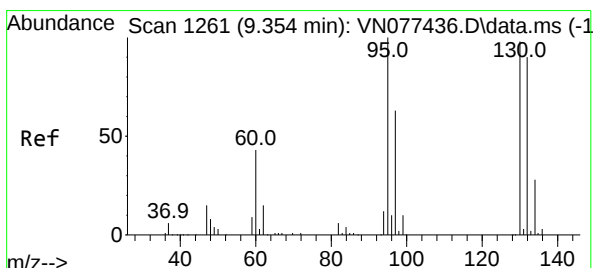
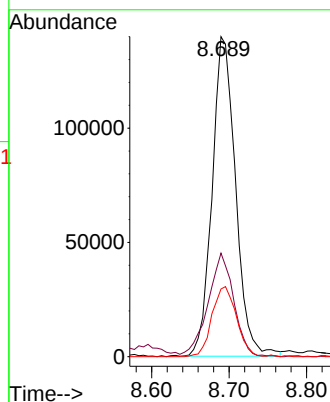
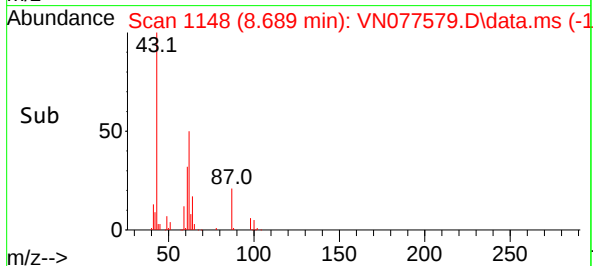
Tgt Ion: 43	Resp: 29427
Ion Ratio	Lower Upper
43	100
61	35.6 24.7 37.1
87	22.9 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#44

Trichloroethene

Concen: 21.261 ug/l

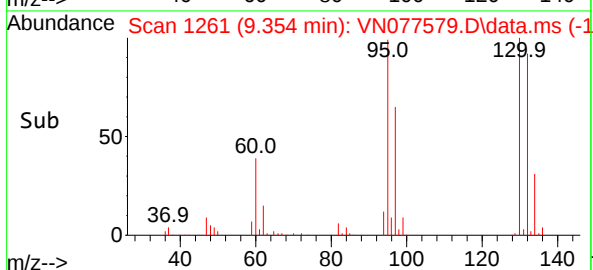
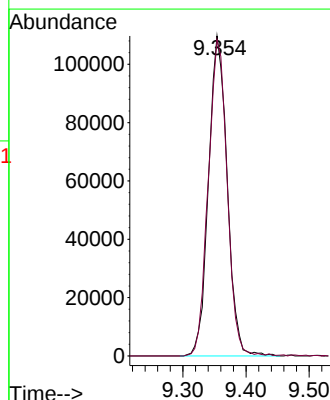
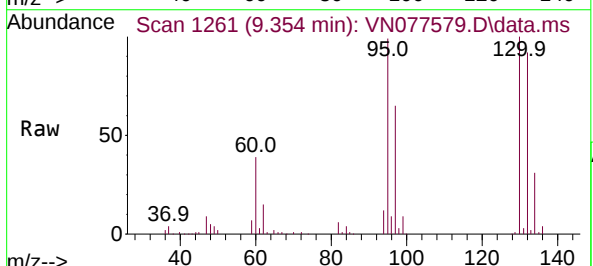
RT: 9.354 min Scan# 1261

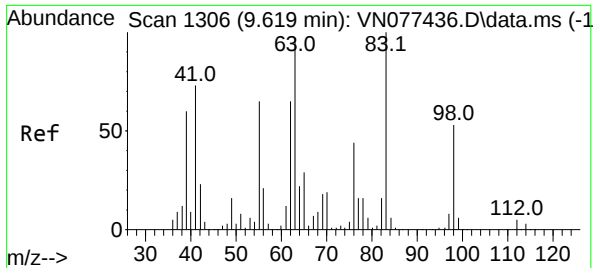
Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion:130	Resp: 225765
Ion Ratio	Lower Upper
130	100
95	98.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.876 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 63 Resp: 183379

Ion Ratio Lower Upper

63 100

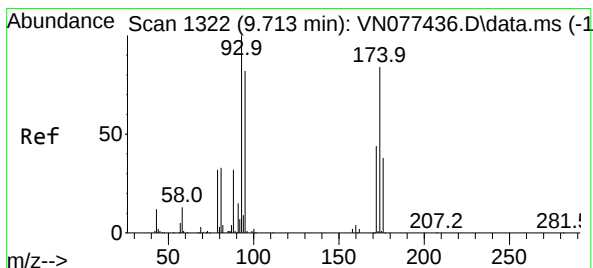
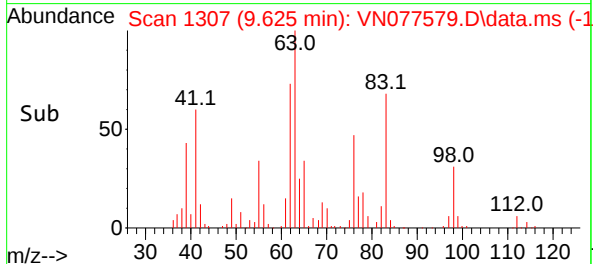
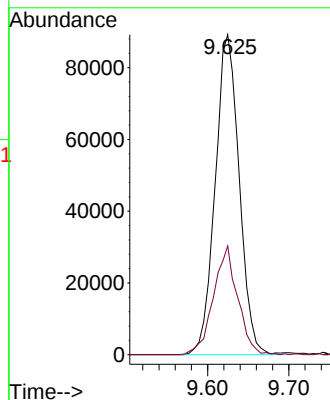
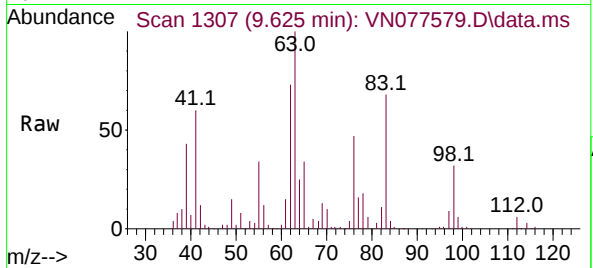
65 34.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#46

Dibromomethane

Concen: 19.879 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

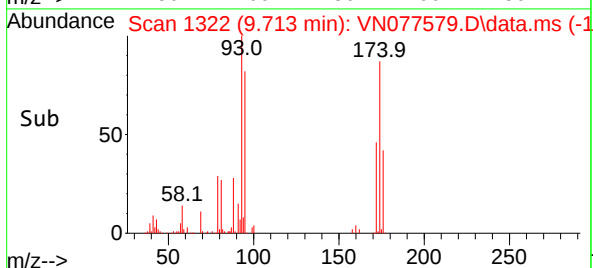
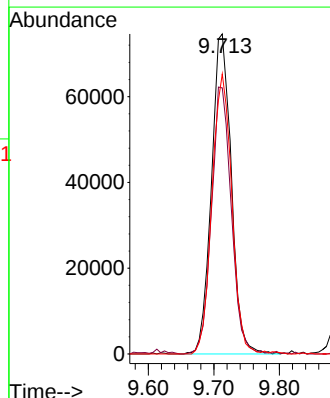
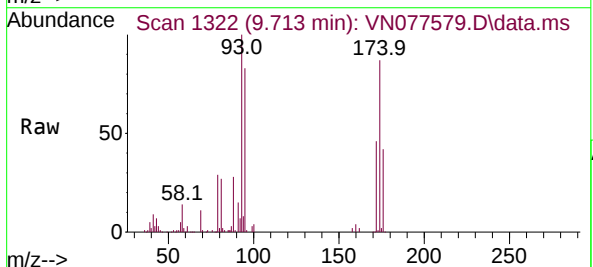
Tgt Ion: 93 Resp: 156702

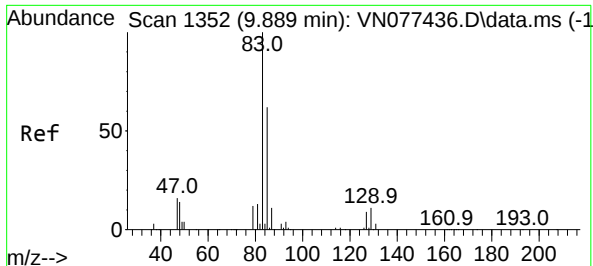
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

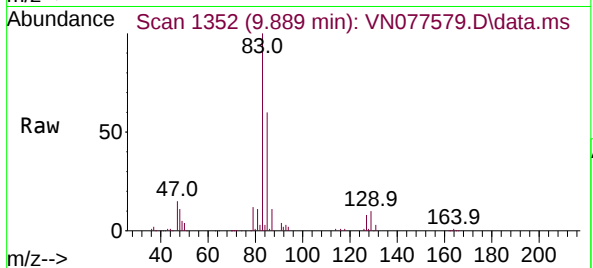
174 87.2 65.6 98.4





#47
Bromodichloromethane
Concen: 19.879 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

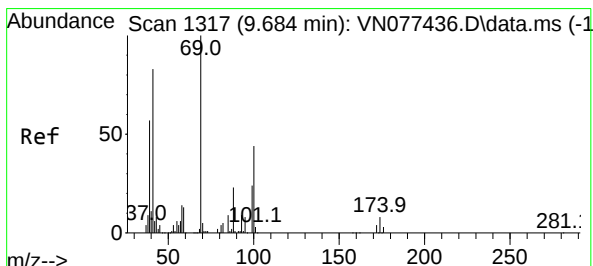
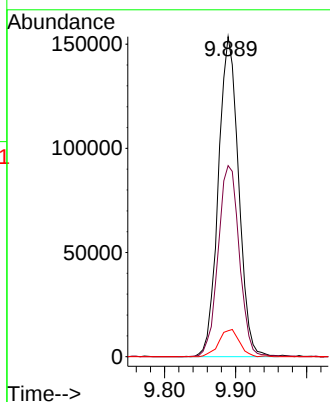
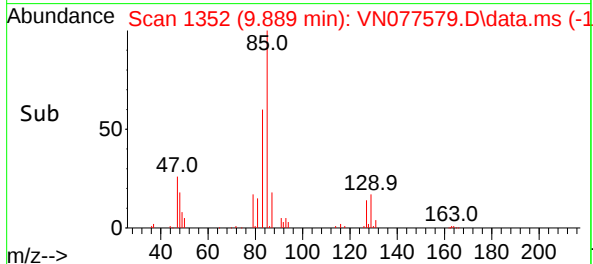
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



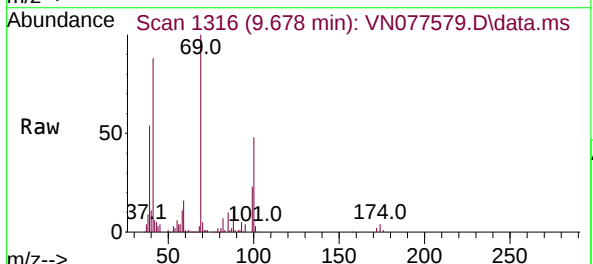
Tgt Ion: 83 Resp: 30310
Ion Ratio Lower Upper
83 100
85 59.7 49.6 74.4
127 8.1 7.0 10.6

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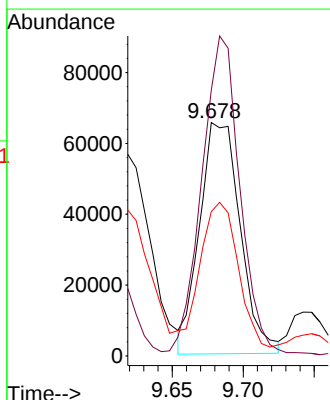
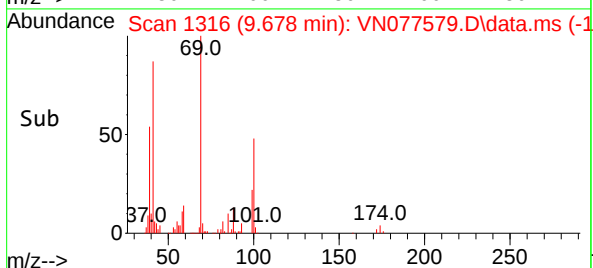
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

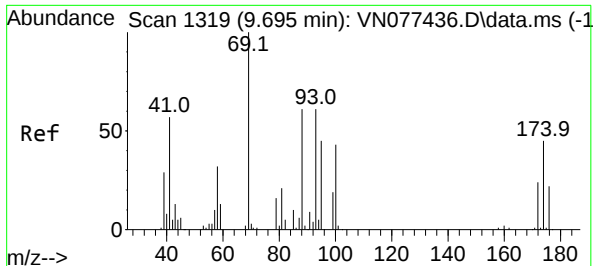


#48
Methyl methacrylate
Concen: 15.982 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion: 41 Resp: 130198
Ion Ratio Lower Upper
41 100
69 129.6 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 391.930 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 88 Resp: 8008

Ion Ratio Lower Upper

88 100

43 15.7 17.0 25.6

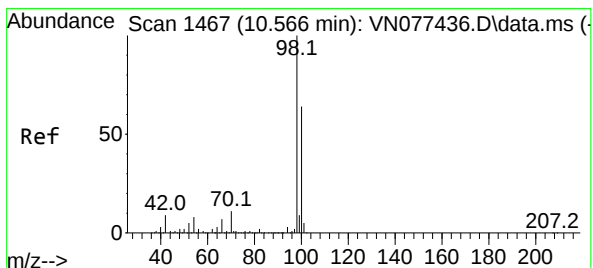
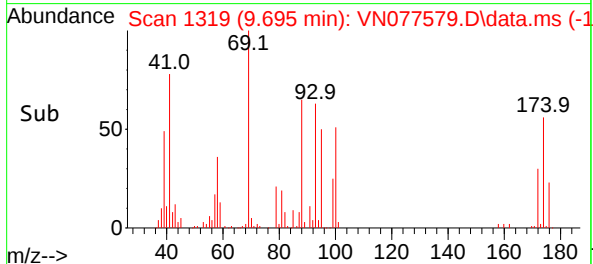
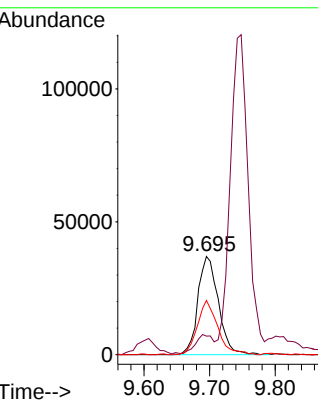
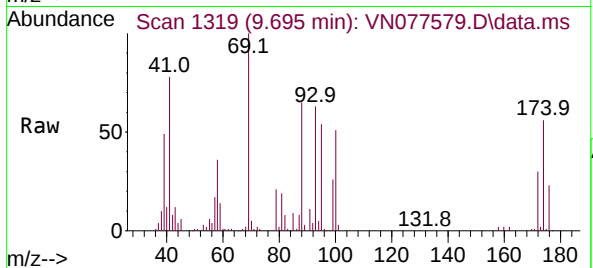
58 54.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#50

Toluene-d8

Concen: 51.300 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077579.D

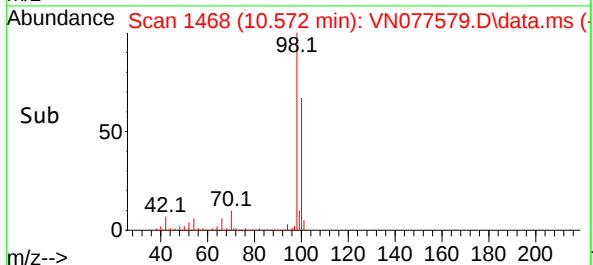
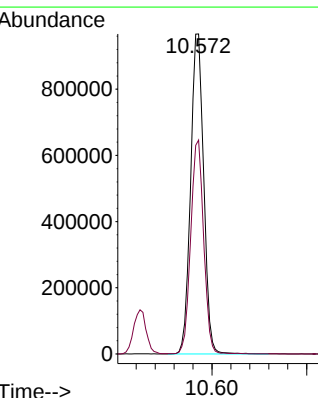
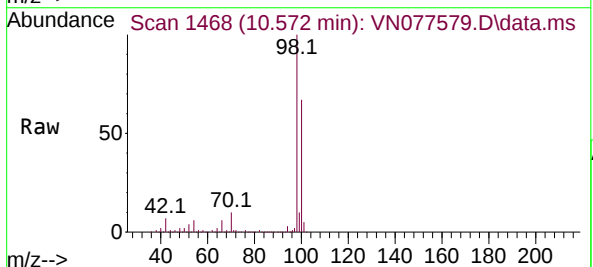
Acq: 04 May 2023 15:00

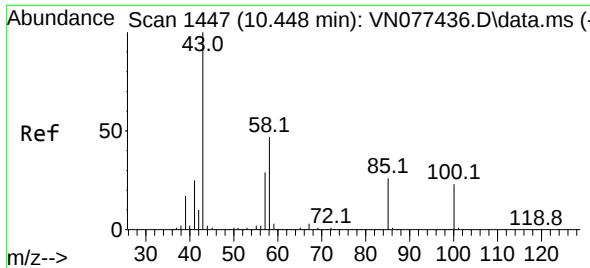
Tgt Ion: 98 Resp: 1852708

Ion Ratio Lower Upper

98 100

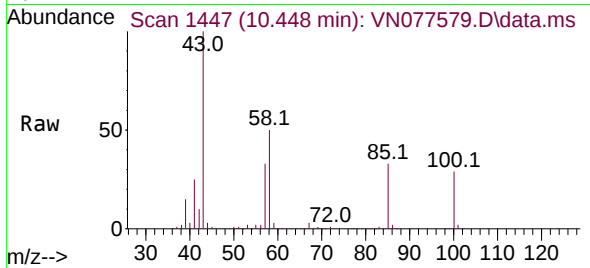
100 65.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 81.994 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

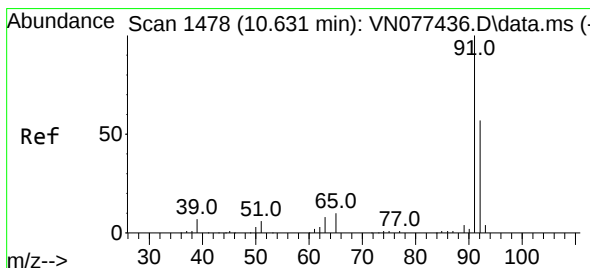
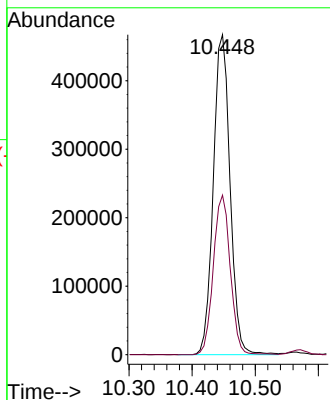
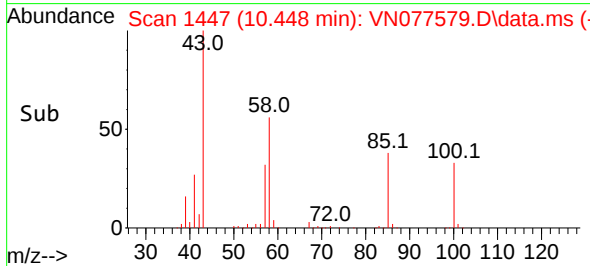
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



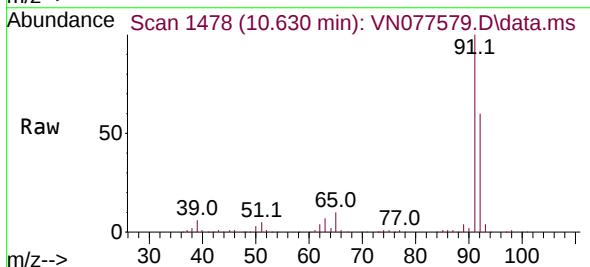
Tgt Ion: 43 Resp: 860711
Ion Ratio Lower Upper
43 100
58 50.4 36.6 54.8

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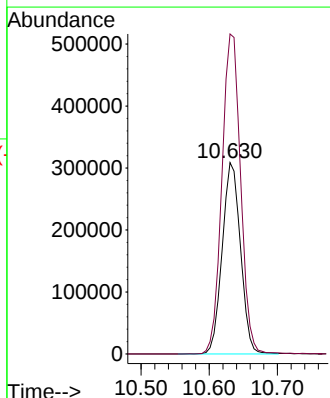
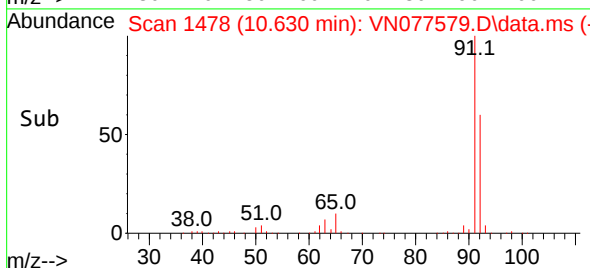
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

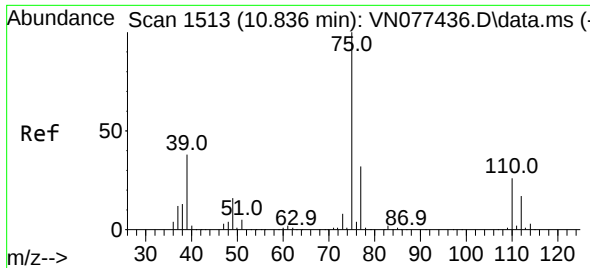


#52
Toluene
Concen: 21.234 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



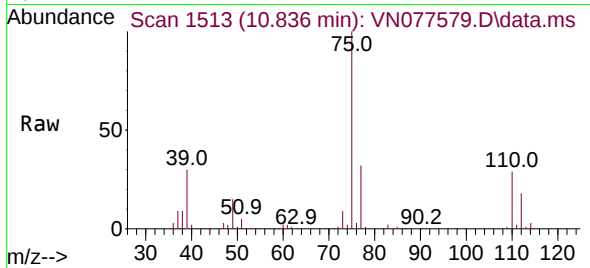
Tgt Ion: 92 Resp: 576915
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.458 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

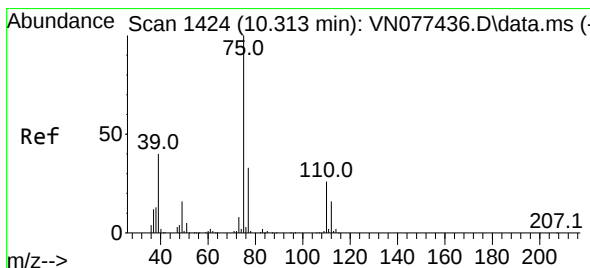
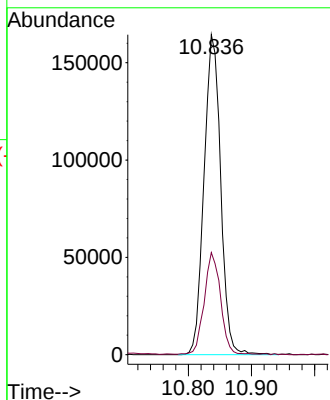
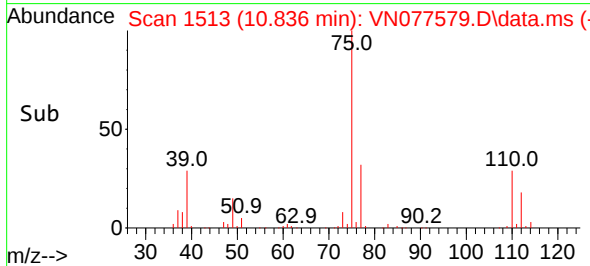
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS02



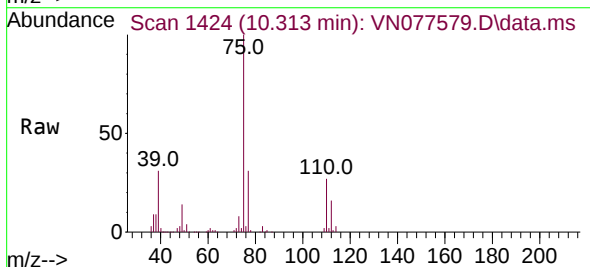
Tgt Ion: 75 Resp: 300423
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

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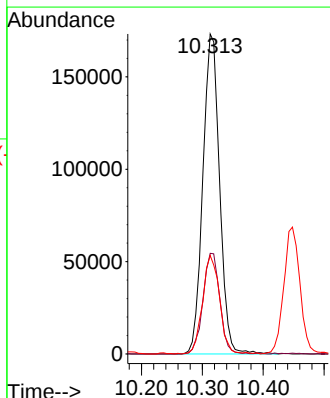
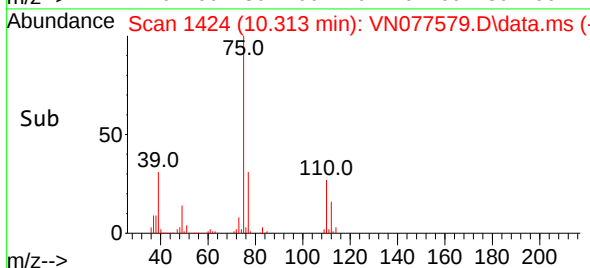
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023

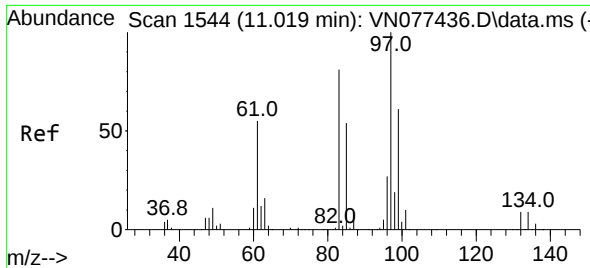


#54
 cis-1,3-Dichloropropene
 Concen: 19.647 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00



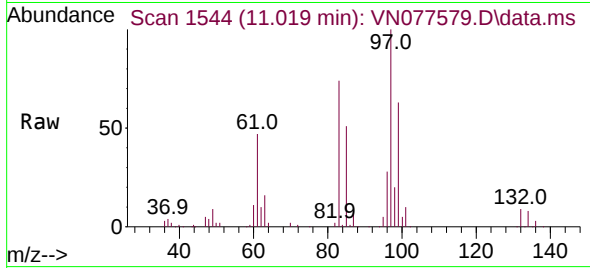
Tgt Ion: 75 Resp: 330181
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1
 39 30.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.757 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

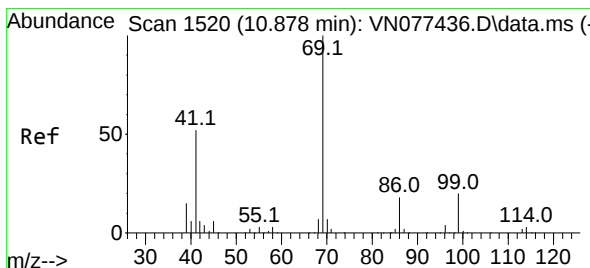
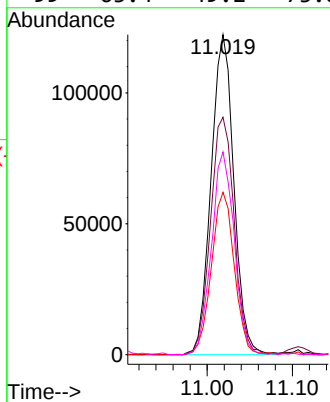
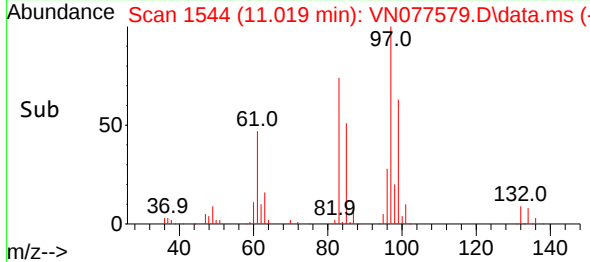


Tgt Ion: 97 Resp: 22678

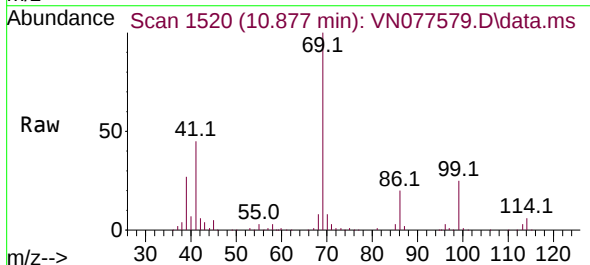
Ion	Ratio	Lower	Upper
97	100		
83	74.2	65.1	97.7
85	50.8	43.4	65.2
99	63.4	49.2	73.8

Manual Integrations
APPROVED

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

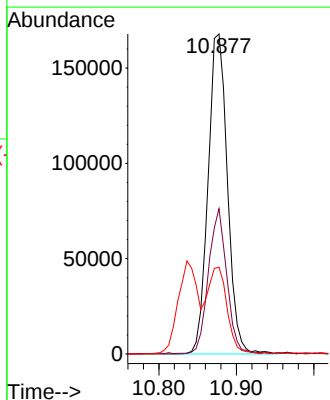
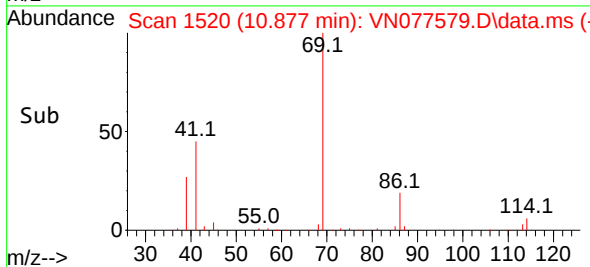


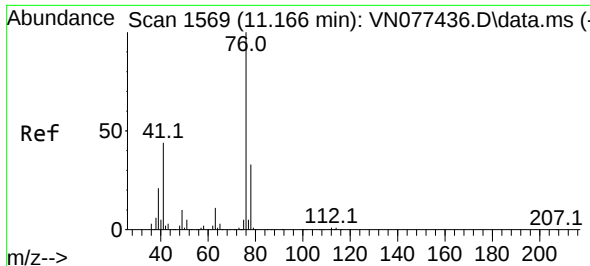
#56
Ethyl methacrylate
Concen: 19.069 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion: 69 Resp: 291923

Ion	Ratio	Lower	Upper
69	100		
41	42.4	39.6	59.4
39	27.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.212 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 76 Resp: 35174

Ion Ratio Lower Upper

76 100

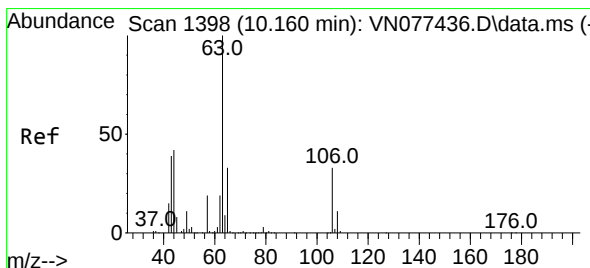
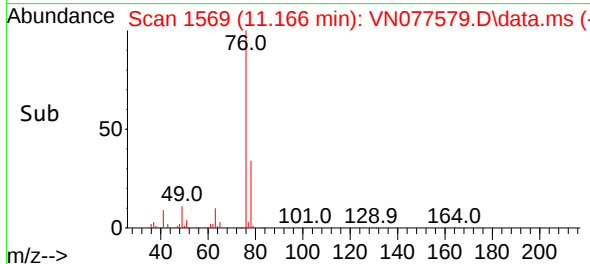
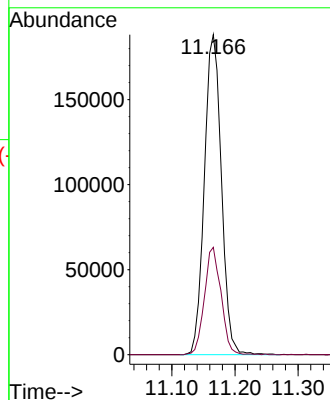
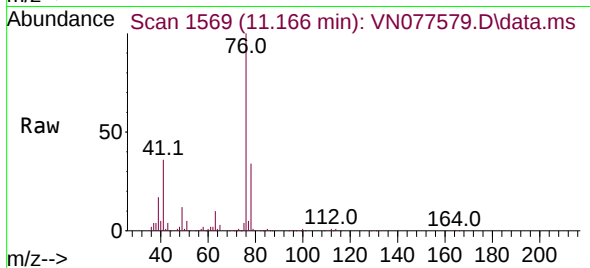
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.728 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077579.D

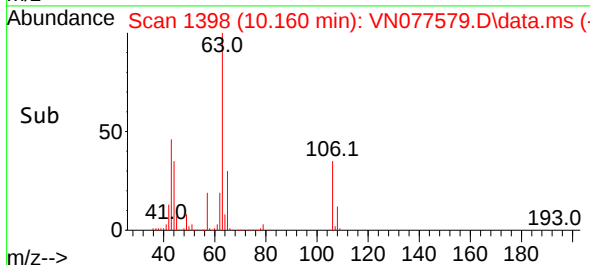
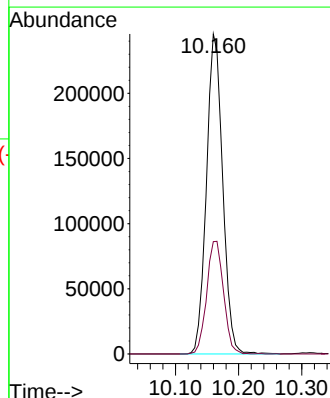
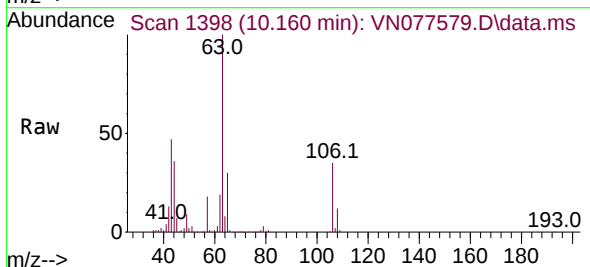
Acq: 04 May 2023 15:00

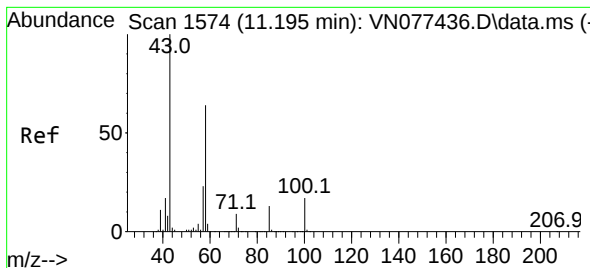
Tgt Ion: 63 Resp: 438724

Ion Ratio Lower Upper

63 100

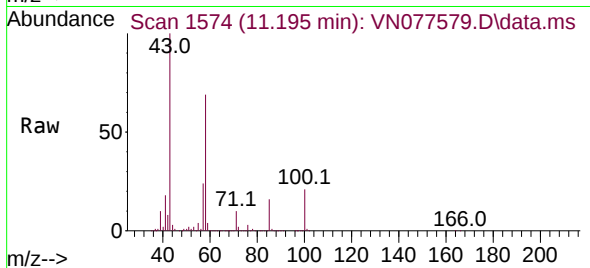
106 36.5 26.2 39.4





#59
2-Hexanone
Concen: 83.659 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

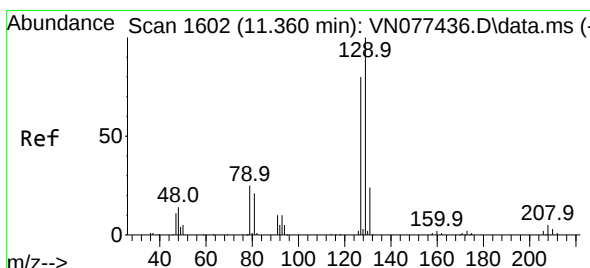
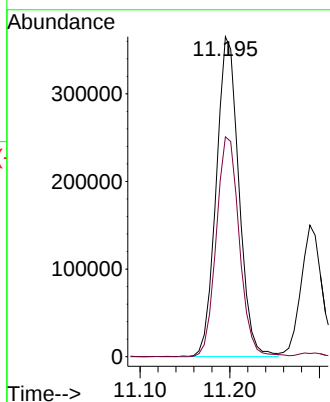
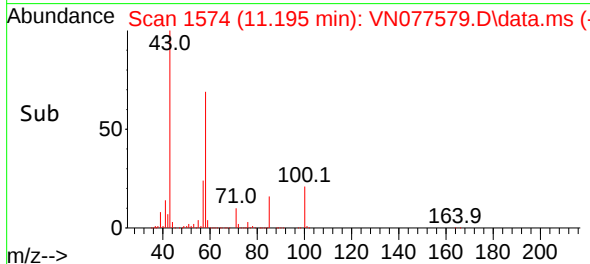
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion: 43 Resp: 63834
Ion Ratio Lower Upper
43 100
58 70.0 31.7 95.1

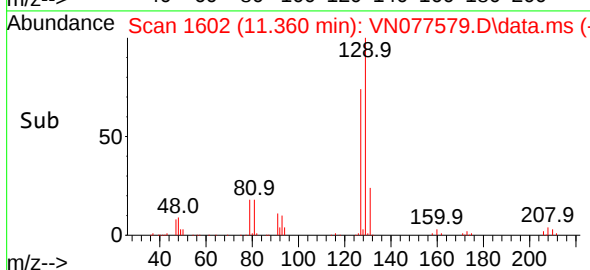
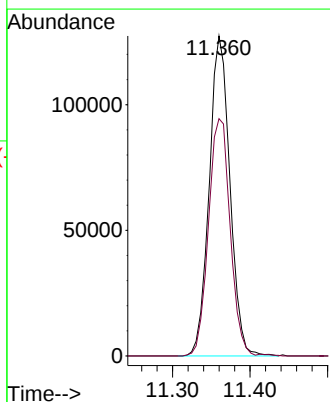
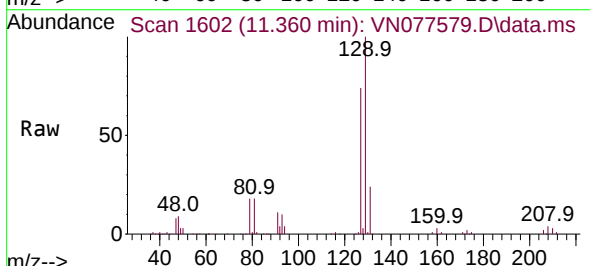
Manual Integrations
APPROVED

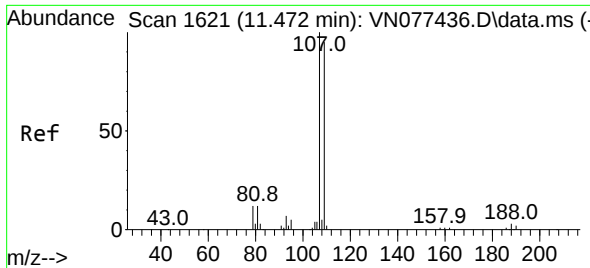
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

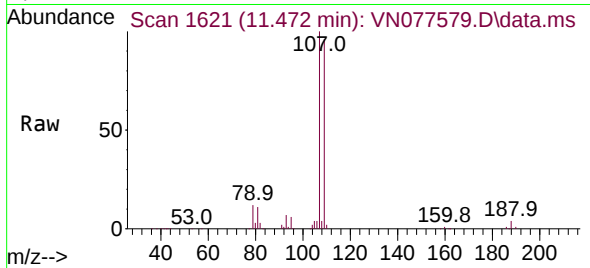
Tgt Ion:129 Resp: 236130
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.245 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

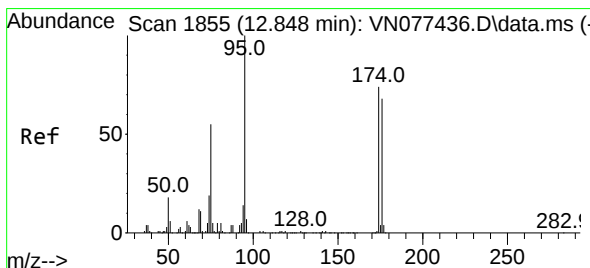
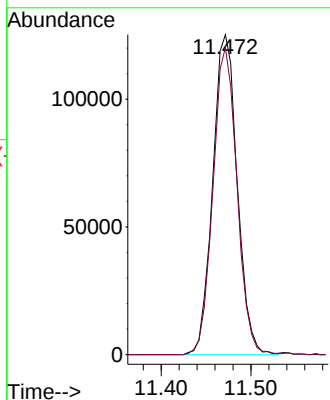
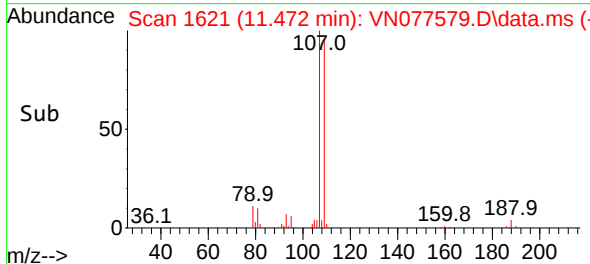
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



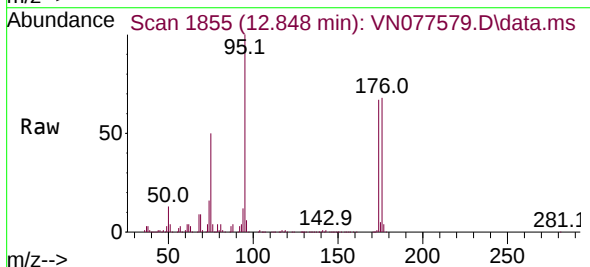
Tgt Ion:107 Resp: 236974
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8

Manual Integrations
APPROVED

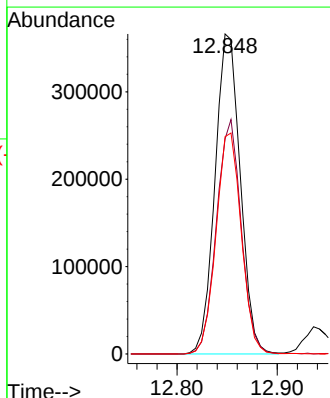
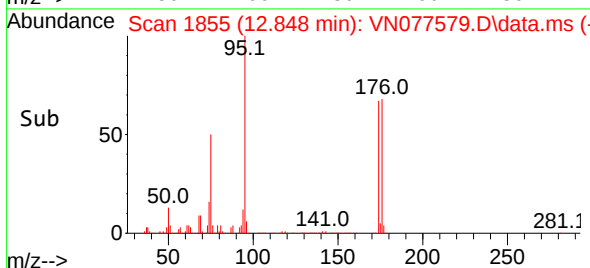
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

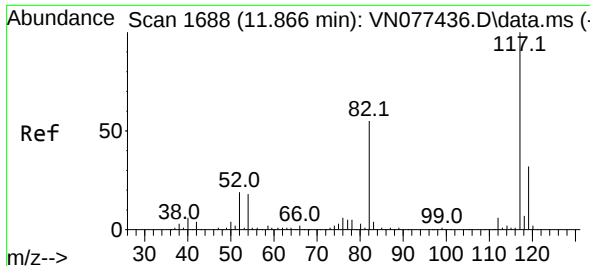


#62
4-Bromofluorobenzene
Concen: 54.283 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



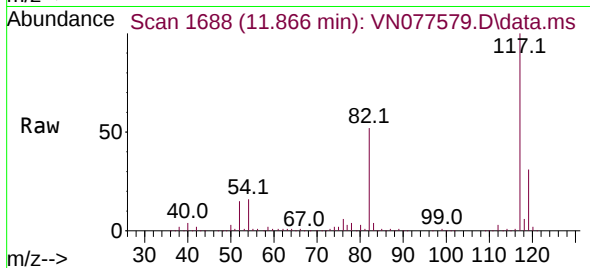
Tgt Ion: 95 Resp: 641412
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 69.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

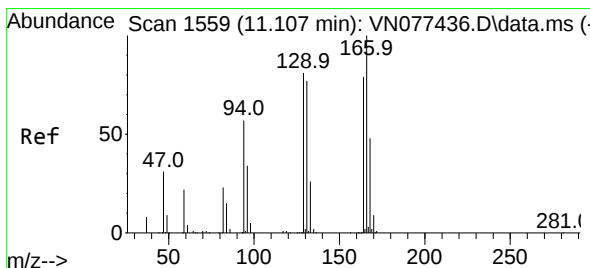
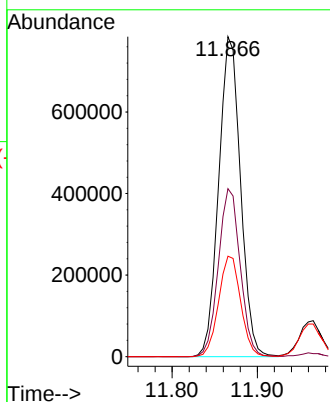
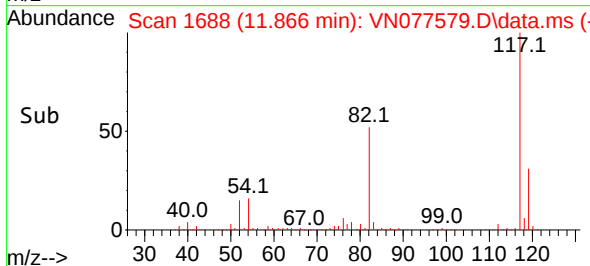
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



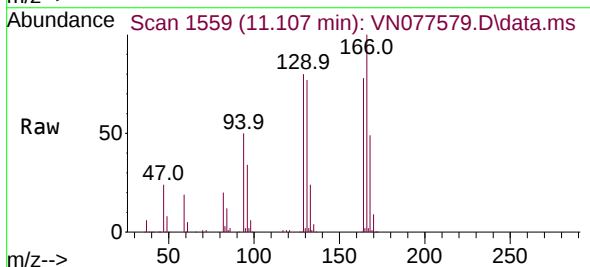
Tgt Ion:117 Resp: 139618
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

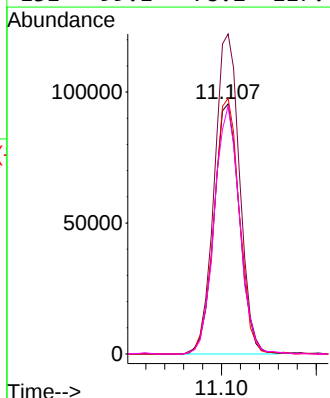
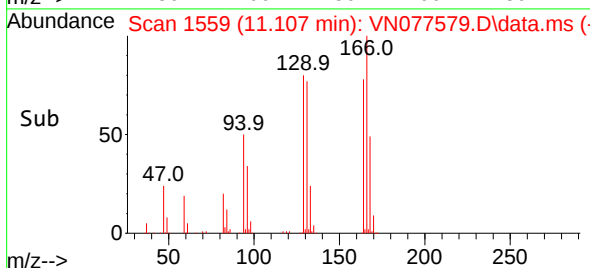
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

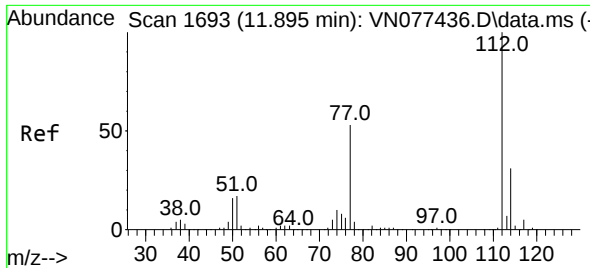


#64
Tetrachloroethene
Concen: 21.190 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion:164 Resp: 177100
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 102.3 82.4 123.6
131 99.1 78.2 117.4





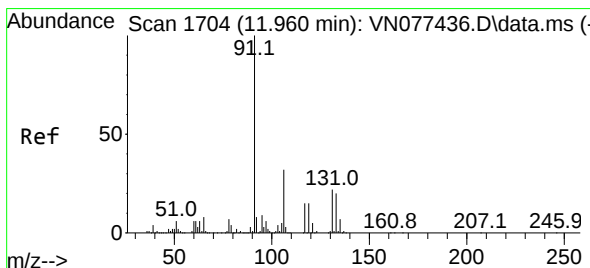
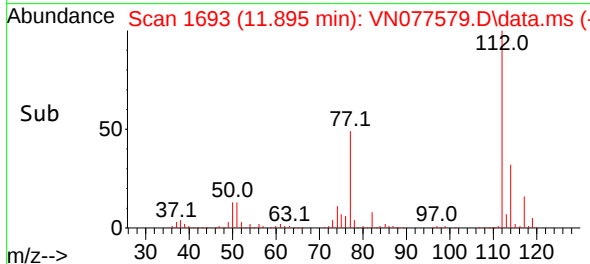
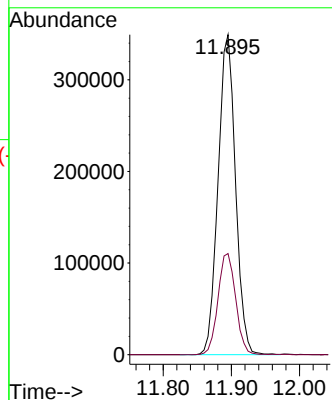
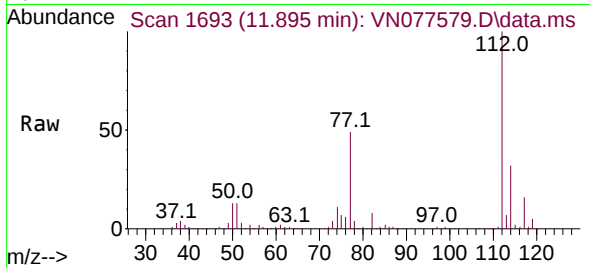
#65
Chlorobenzene
Concen: 21.029 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion:112 Resp: 62127
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

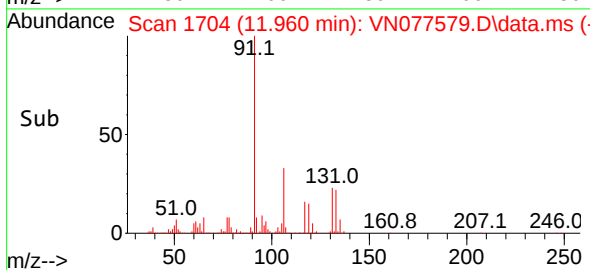
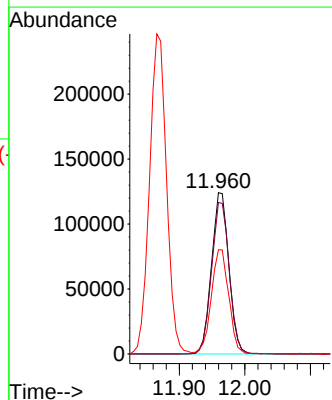
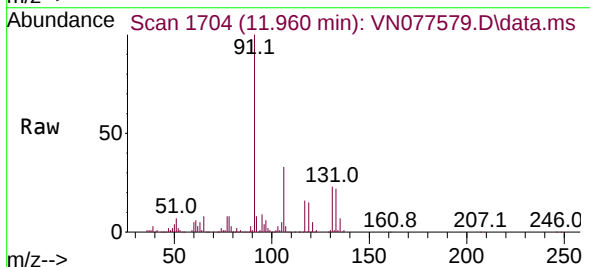
Manual Integrations
APPROVED

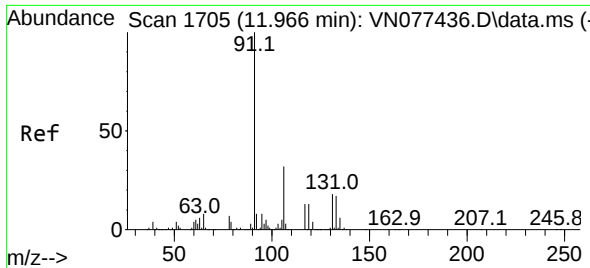
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.225 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

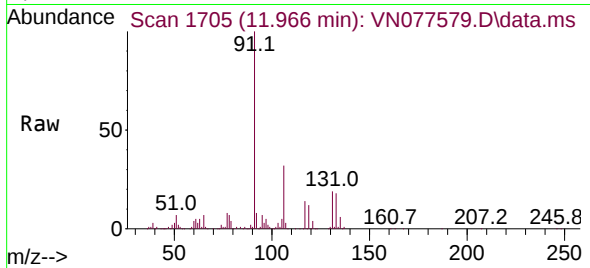
Tgt Ion:131 Resp: 228144
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 20.661 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

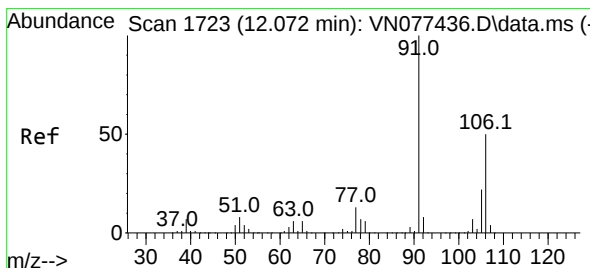
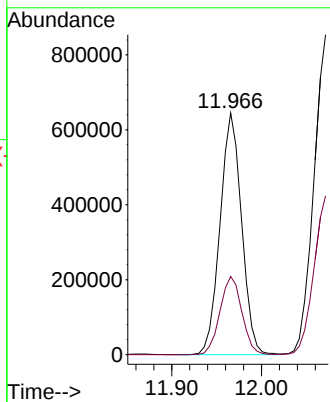
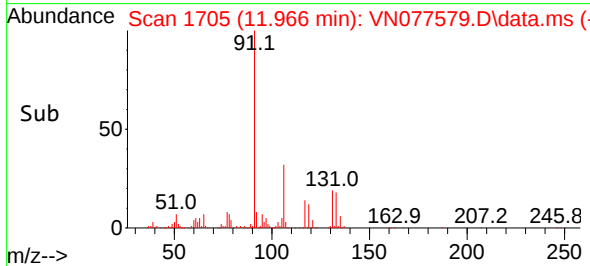
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



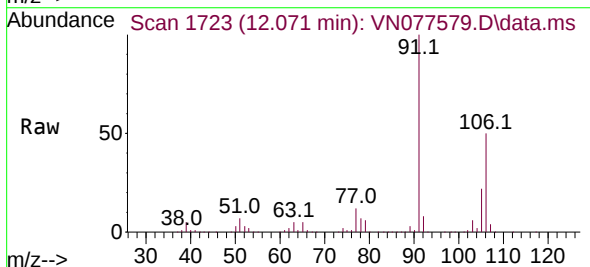
Tgt Ion: 91 Resp: 1074584
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

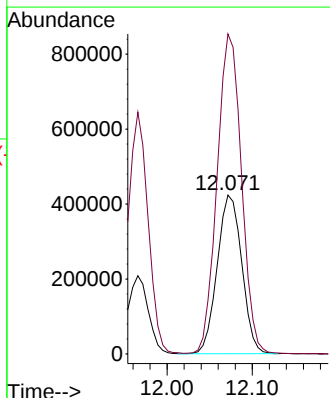
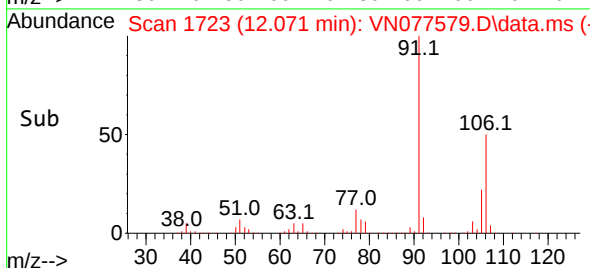
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

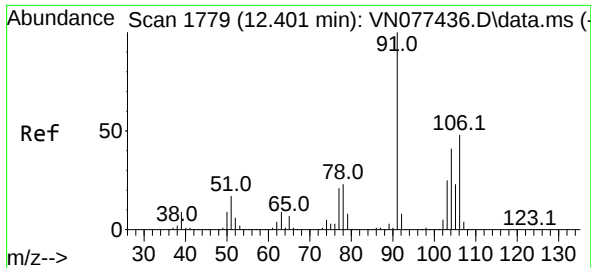


#68
m/p-Xylenes
Concen: 42.003 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion:106 Resp: 849036
Ion Ratio Lower Upper
106 100
91 200.6 159.6 239.4





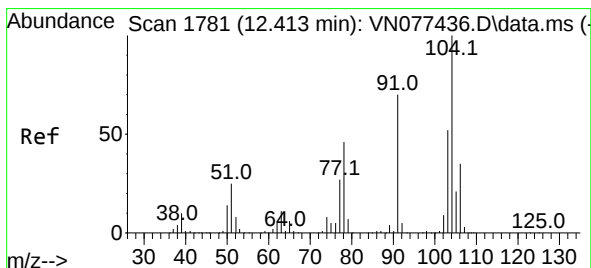
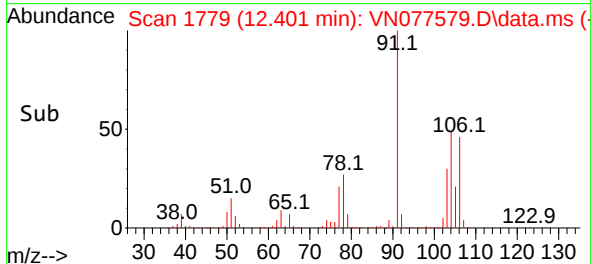
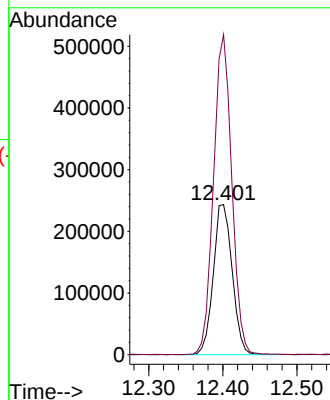
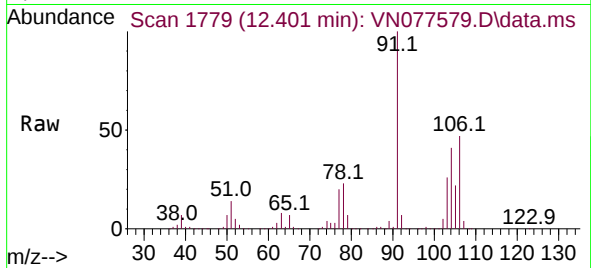
#69
o-Xylene
Concen: 21.721 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion:106 Resp: 43186
Ion Ratio Lower Upper
106 100
91 205.8 105.2 315.5

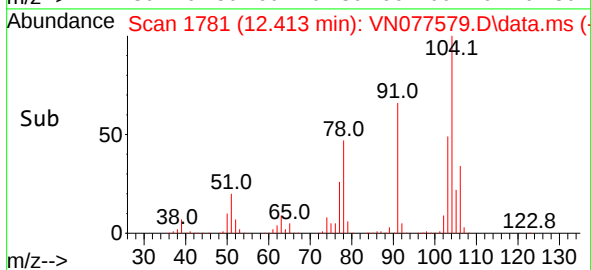
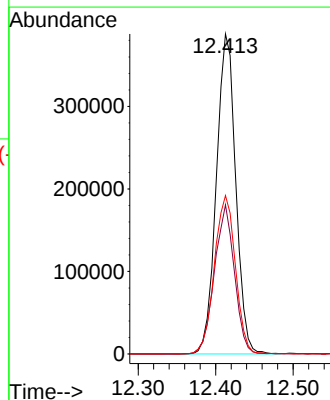
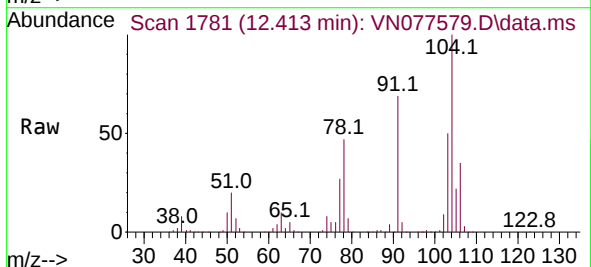
Manual Integrations
APPROVED

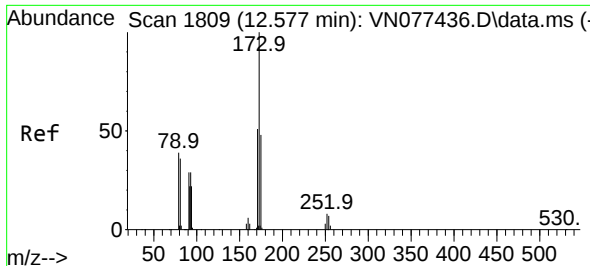
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#70
Styrene
Concen: 21.652 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

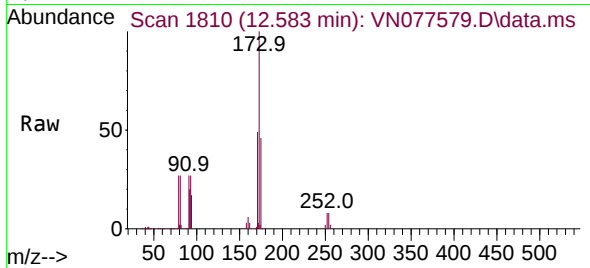
Tgt Ion:104 Resp: 673258
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 53.9 43.2 64.8





#71
Bromoform
Concen: 21.463 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

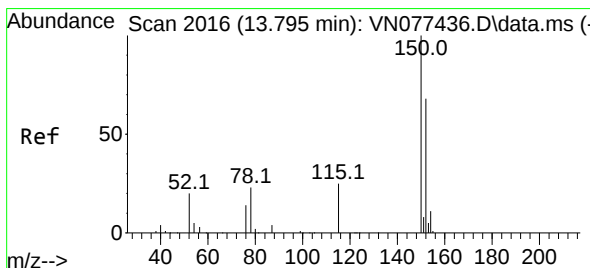
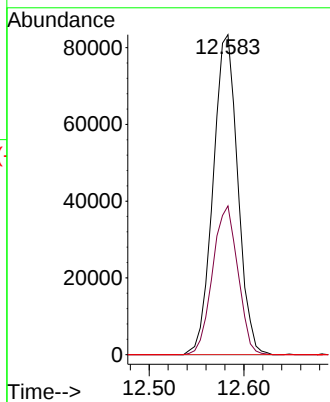
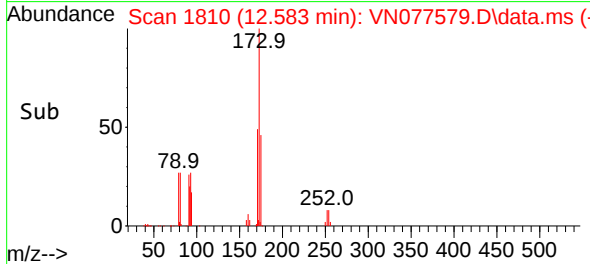
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion:173 Resp: 150940
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0

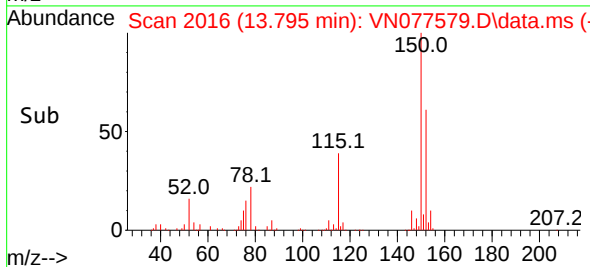
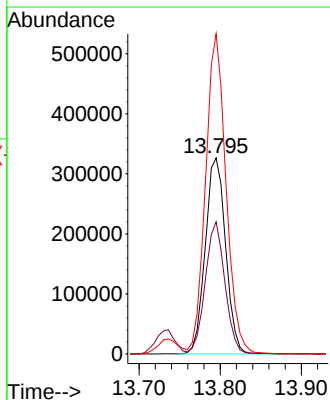
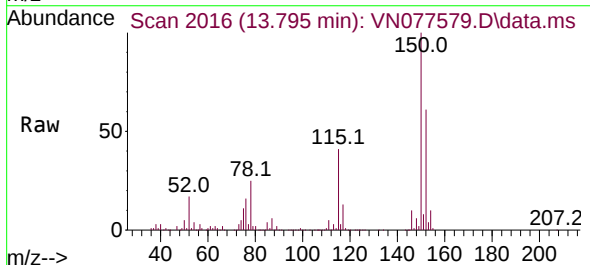
Manual Integrations
APPROVED

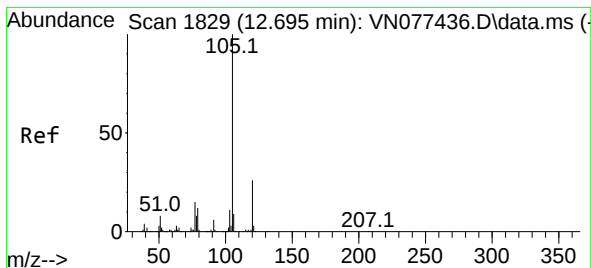
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion:152 Resp: 568602
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 163.5 0.0 355.8





#73

Isopropylbenzene

Concen: 20.913 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion:105 Resp: 110344

Ion Ratio Lower Upper

105 100

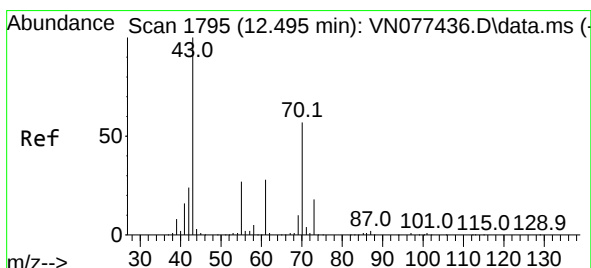
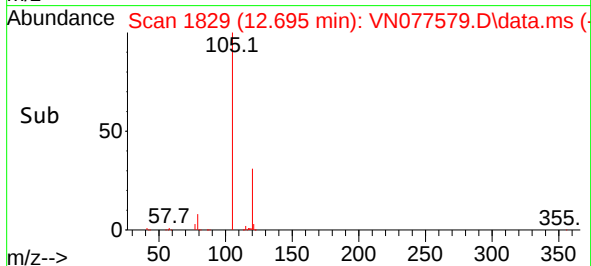
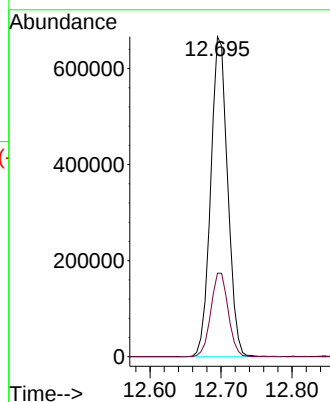
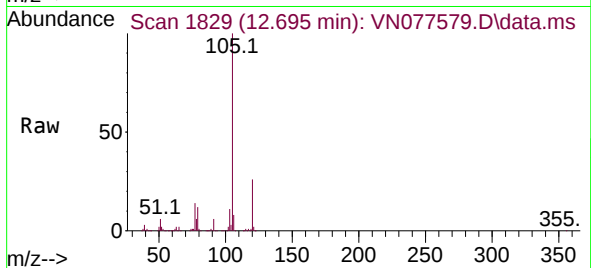
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#74

N-ethyl acetate

Concen: 14.972 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion: 43 Resp: 233875

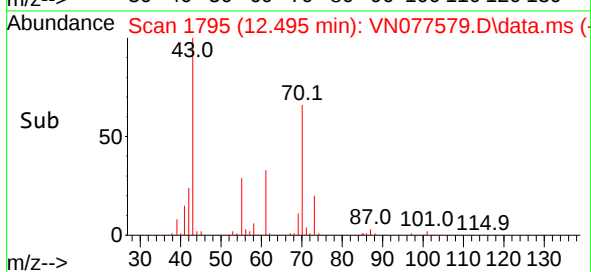
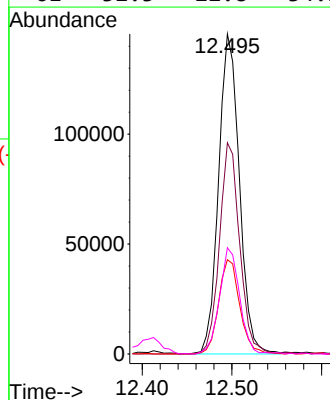
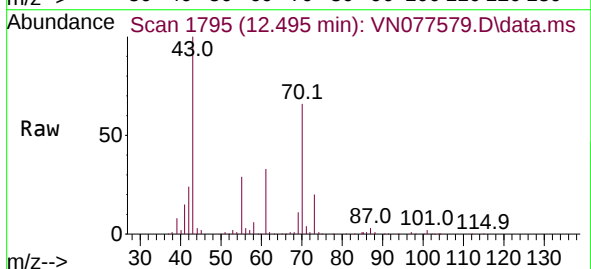
Ion Ratio Lower Upper

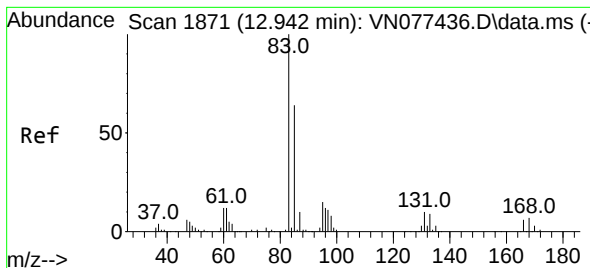
43 100

70 64.1 43.4 65.2

55 30.0 21.4 32.0

61 32.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.354 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

Tgt Ion: 83 Resp: 30428

Ion Ratio Lower Upper

83 100

131 11.1 5.0 15.0

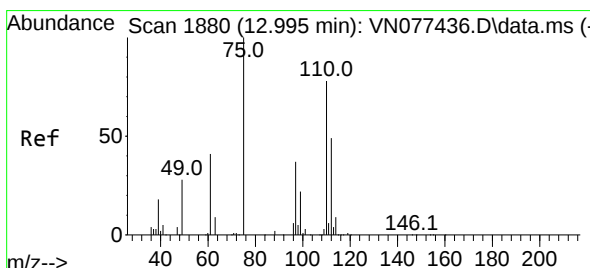
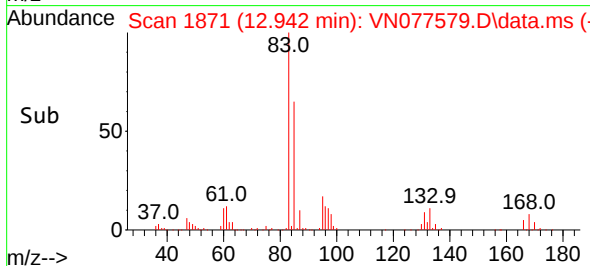
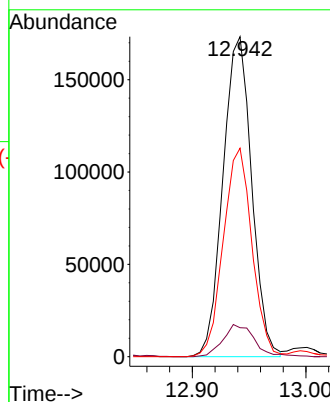
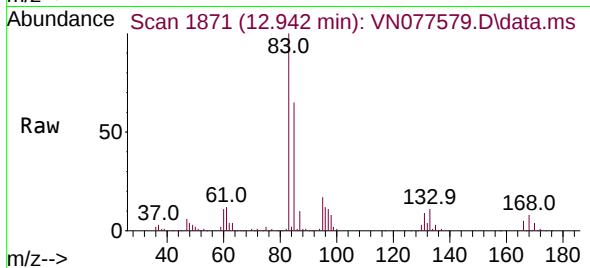
85 65.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#76

1,2,3-Trichloropropane

Concen: 16.296 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077579.D

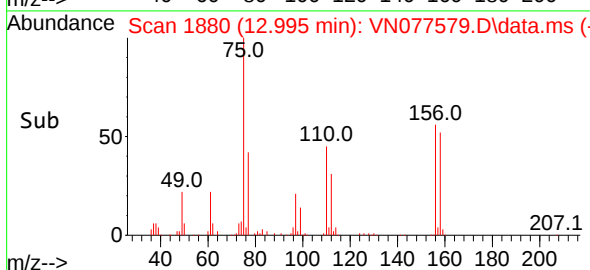
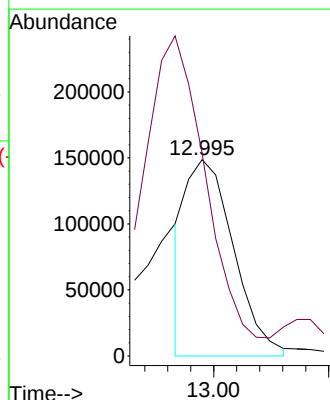
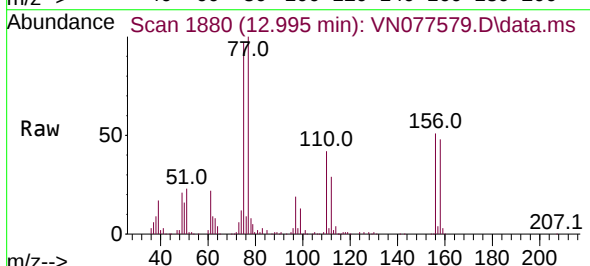
Acq: 04 May 2023 15:00

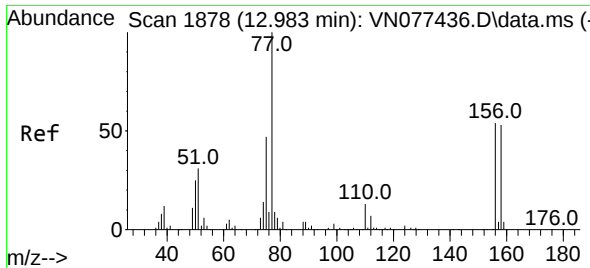
Tgt Ion: 75 Resp: 215467

Ion Ratio Lower Upper

75 100

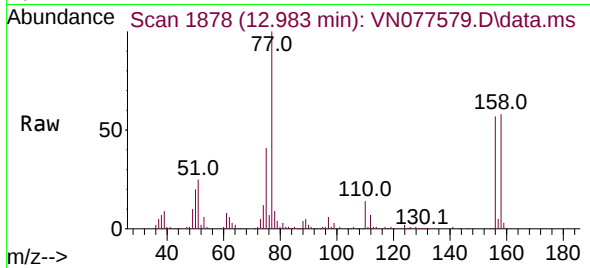
77 220.0 84.5 253.5





#77
Bromobenzene
Concen: 20.804 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

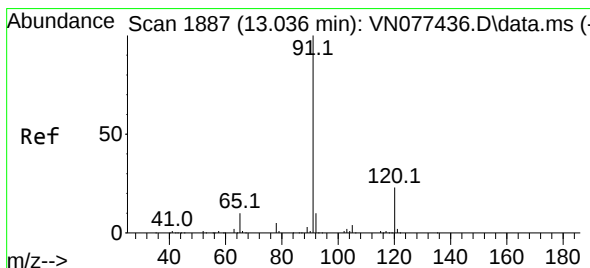
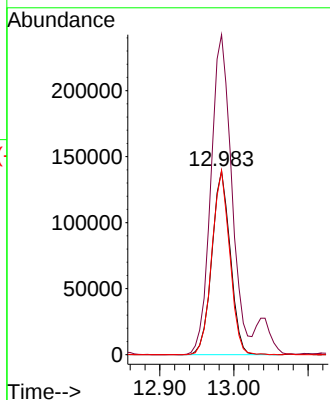
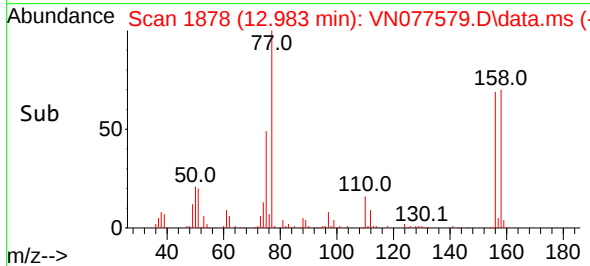
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion:156 Resp: 239230
Ion Ratio Lower Upper
156 100
77 198.2 107.7 323.3
158 97.5 48.4 145.3

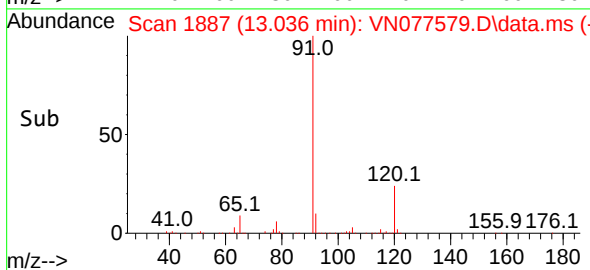
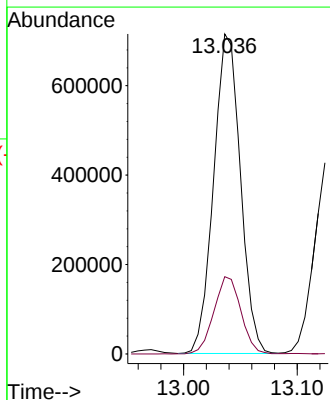
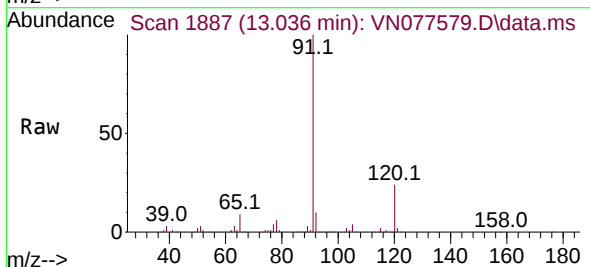
Manual Integrations
APPROVED

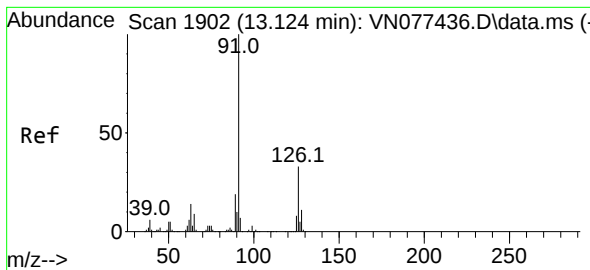
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#78
n-propylbenzene
Concen: 20.068 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

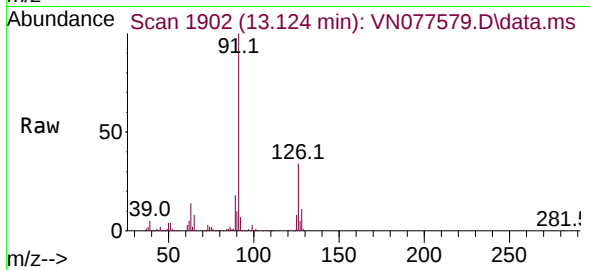
Tgt Ion: 91 Resp: 1170794
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.433 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

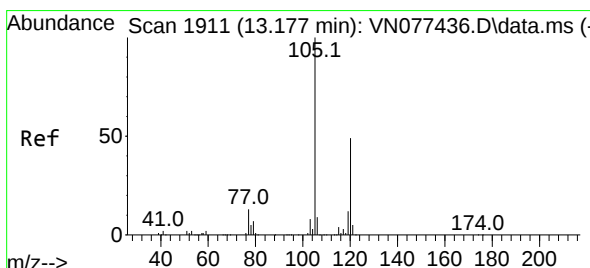
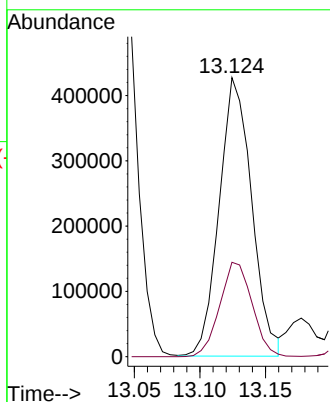
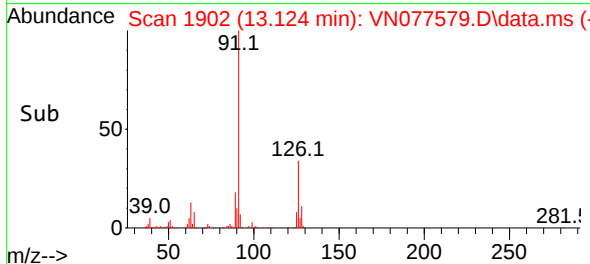
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



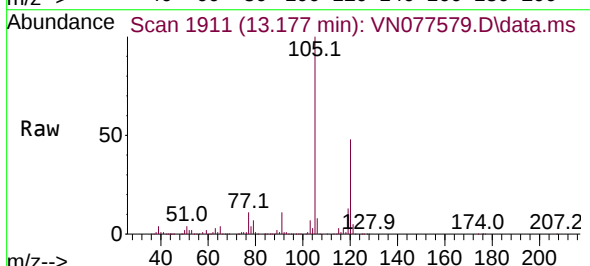
Tgt Ion: 91 Resp: 734970
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

Manual Integrations
APPROVED

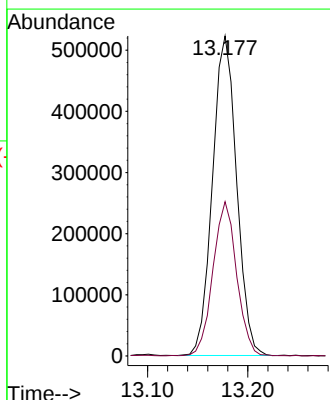
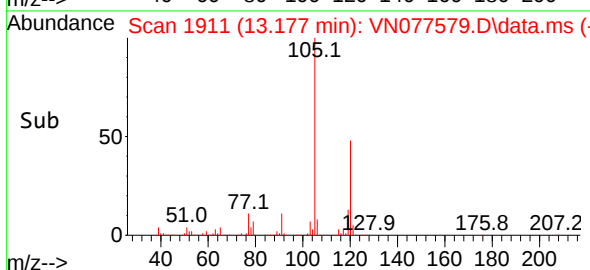
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

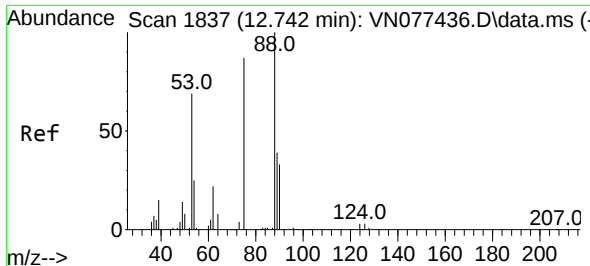


#80
1,3,5-Trimethylbenzene
Concen: 22.233 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00



Tgt Ion:105 Resp: 871176
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





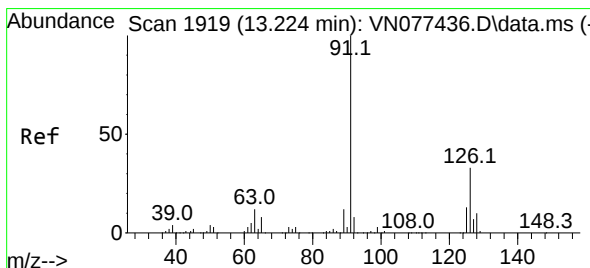
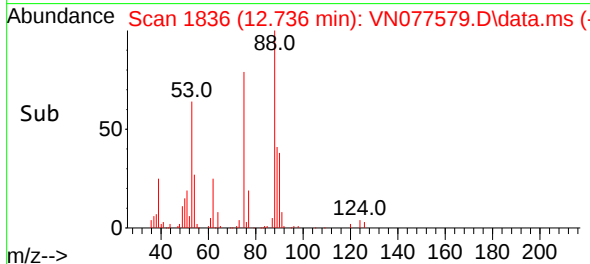
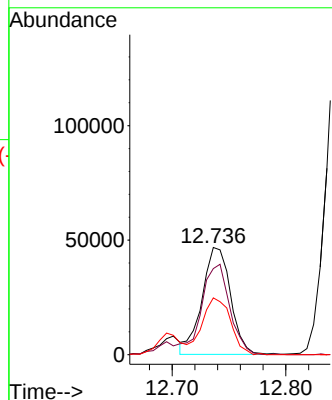
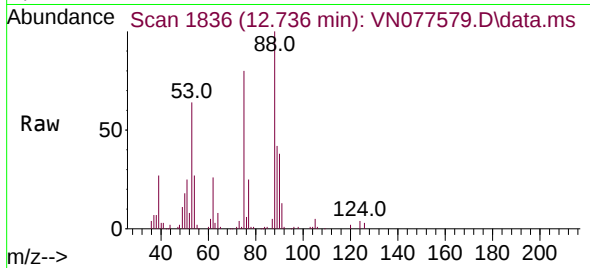
#81
trans-1,4-Dichloro-2-butene
Concen: 17.386 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion: 75 Resp: 8136
Ion Ratio Lower Upper
75 100
53 82.8 67.4 101.2
89 52.8 38.8 58.2

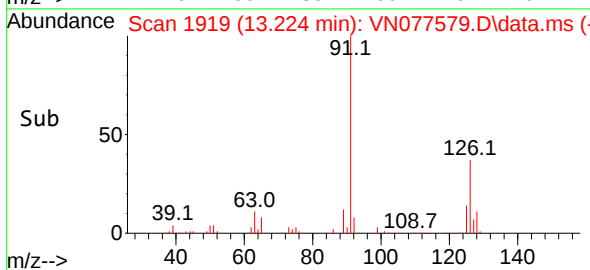
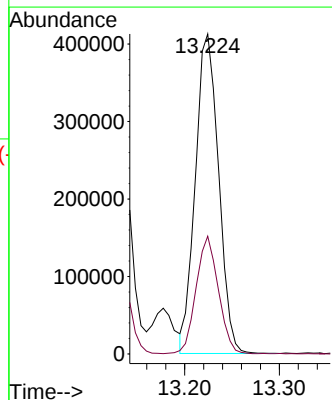
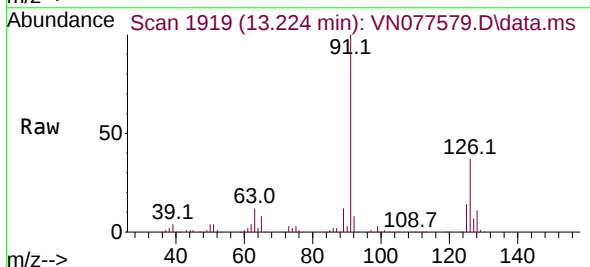
Manual Integrations
APPROVED

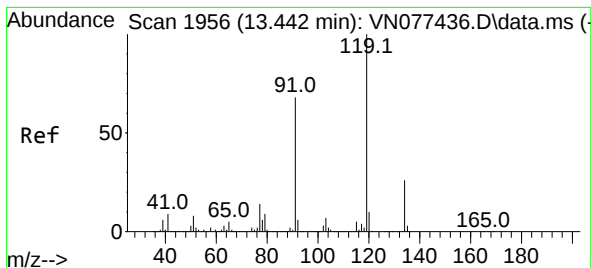
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#82
4-Chlorotoluene
Concen: 20.925 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion: 91 Resp: 703316
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.834 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

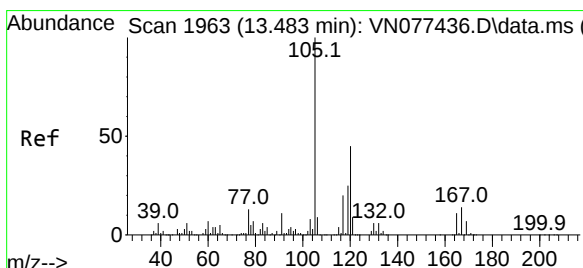
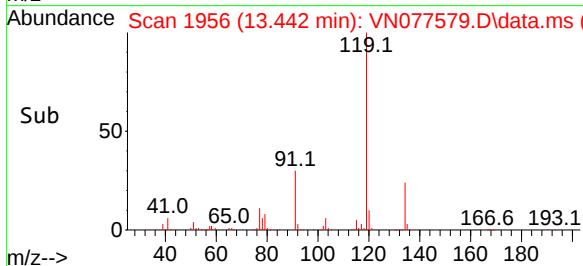
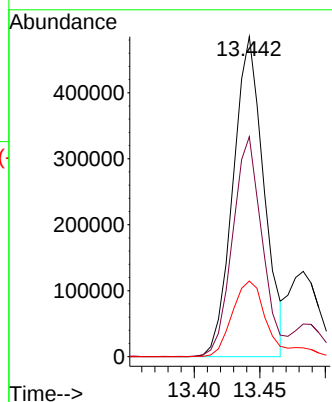
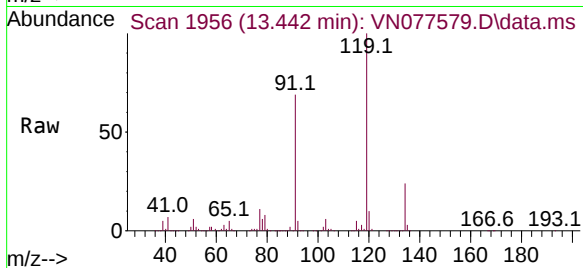
Tgt Ion:	119	Resp:	792790
Ion Ratio	Lower	Upper	
119	100		
91	66.8	33.9	101.7
134	27.5	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.846 ug/l

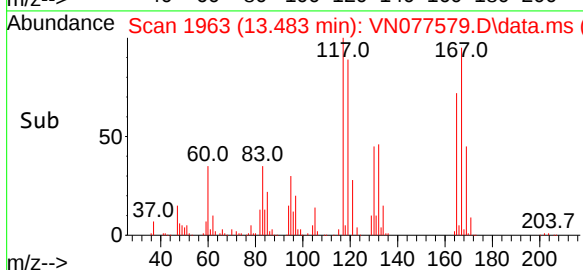
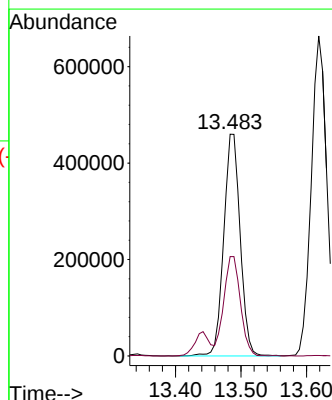
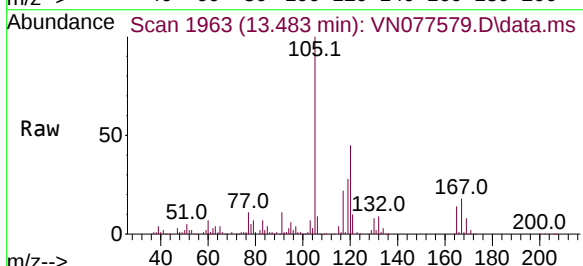
RT: 13.483 min Scan# 1963

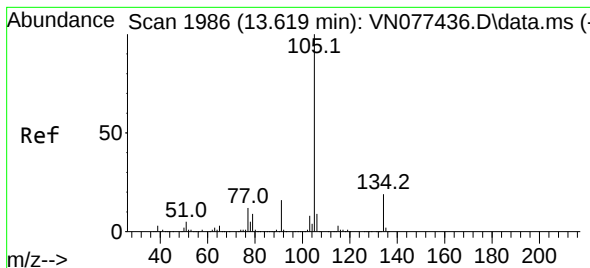
Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion:	105	Resp:	799463
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.0	66.0





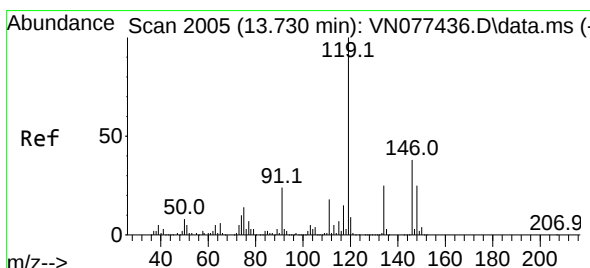
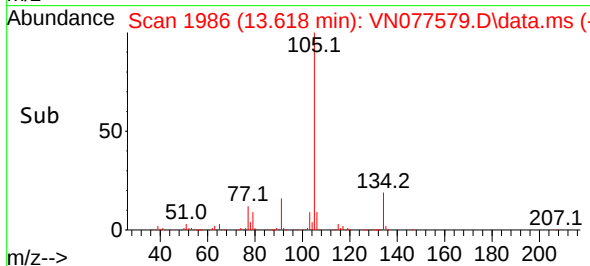
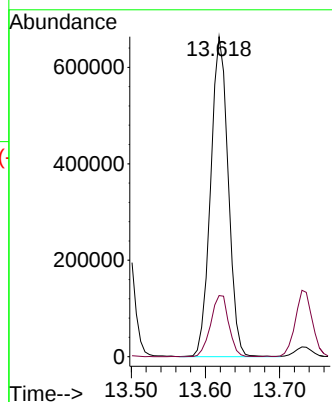
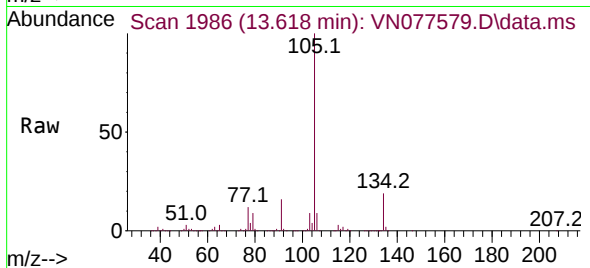
#85
 sec-Butylbenzene
 Concen: 20.878 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS02

Tgt Ion:105 Resp: 1090450
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

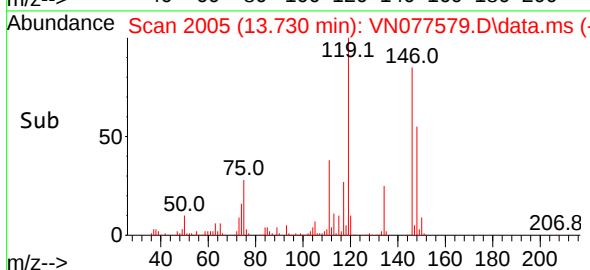
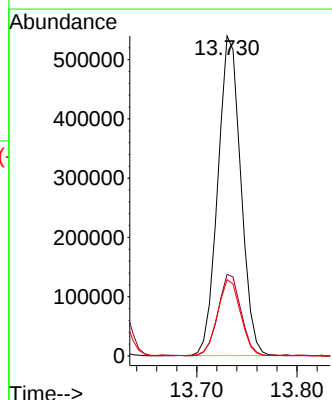
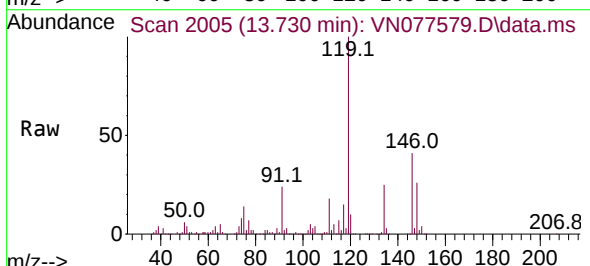
Manual Integrations
 APPROVED

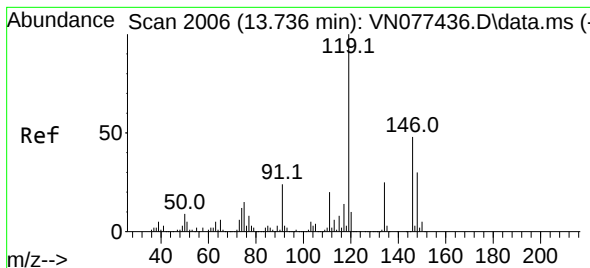
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#86
 p-Isopropyltoluene
 Concen: 21.350 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

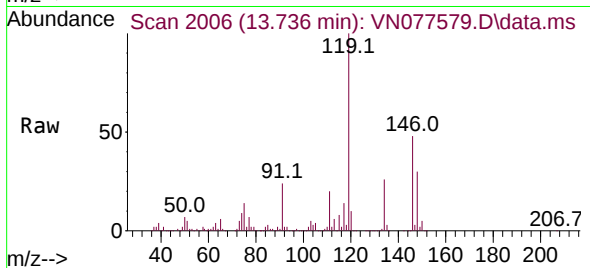
Tgt Ion:119 Resp: 857981
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.521 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

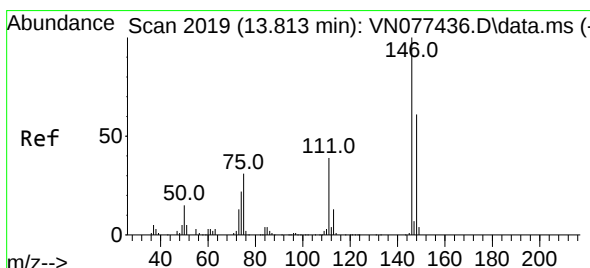
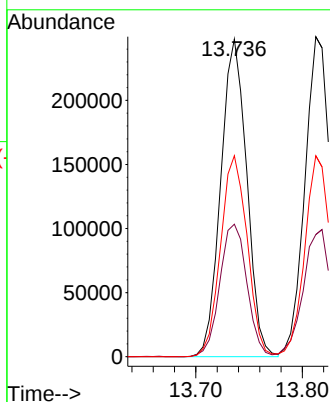
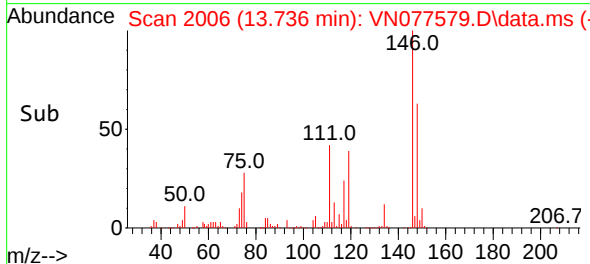
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02



Tgt Ion:146 Resp: 419680
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.3
148 64.9 32.0 96.0

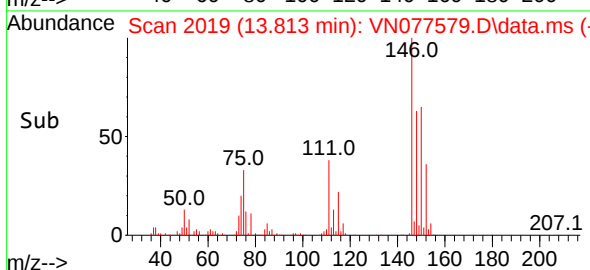
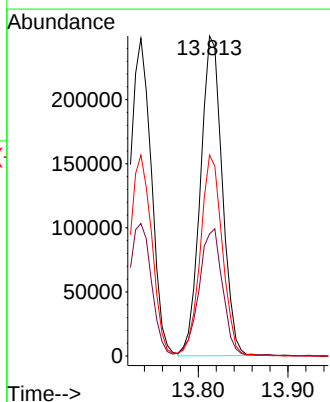
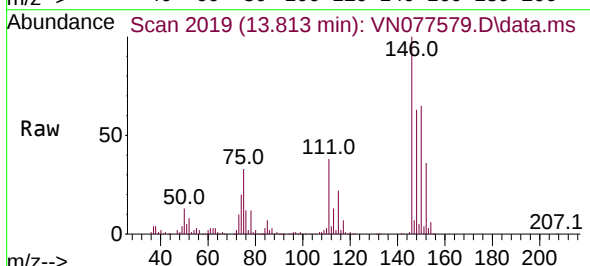
Manual Integrations
APPROVED

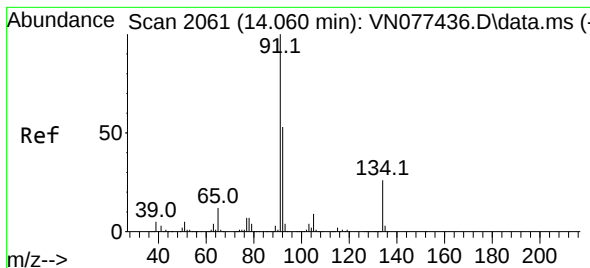
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#88
1,4-Dichlorobenzene
Concen: 20.868 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Tgt Ion:146 Resp: 421379
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 20.277 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

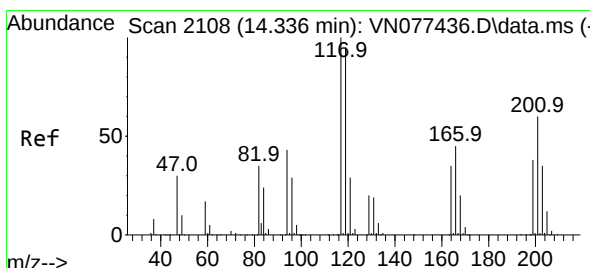
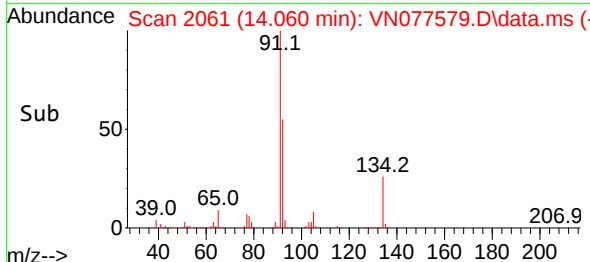
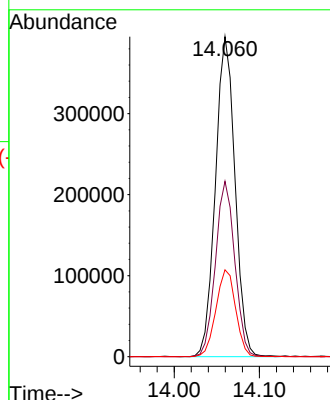
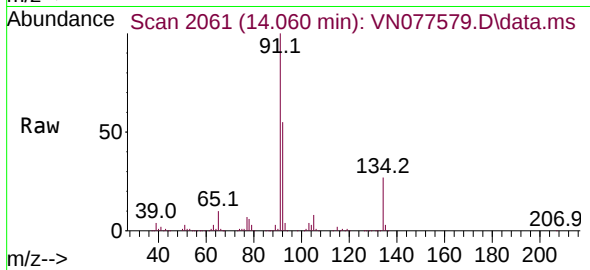
Tgt Ion:	91	Resp:	63061
Ion Ratio	Lower	Upper	
91	100		
92	54.2	26.4	79.0
134	27.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#90

Hexachloroethane

Concen: 18.142 ug/l

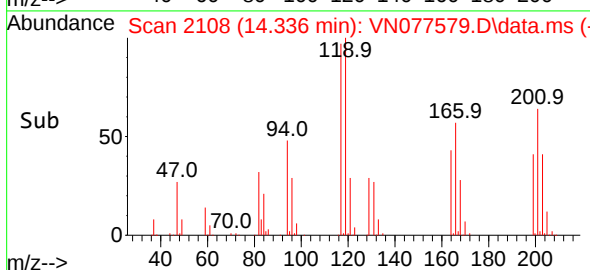
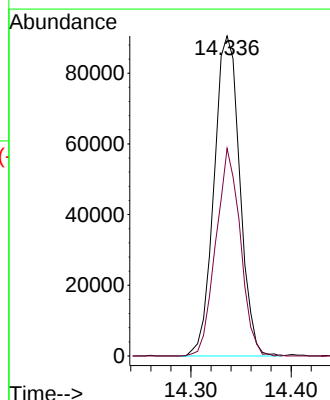
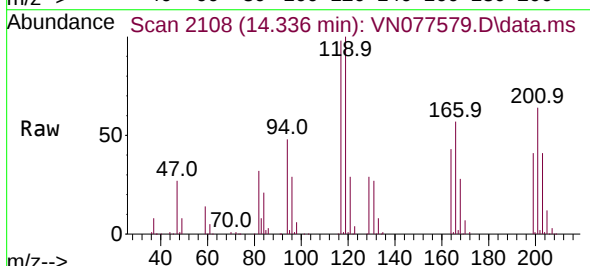
RT: 14.336 min Scan# 2108

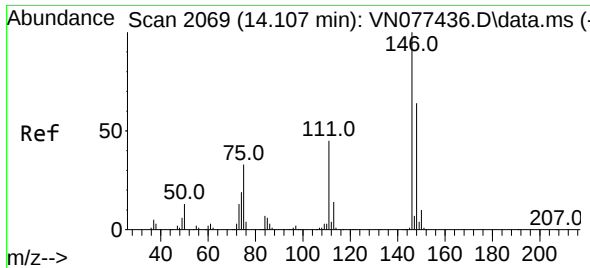
Delta R.T. -0.000 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion:	117	Resp:	161075
Ion Ratio	Lower	Upper	
117	100		
201	61.8	29.3	88.0





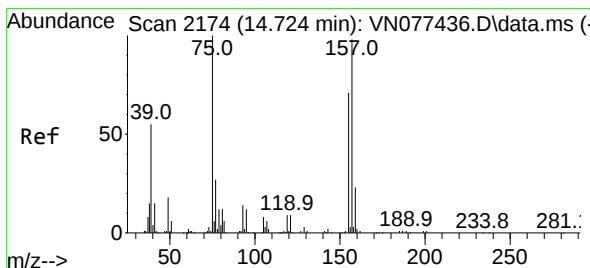
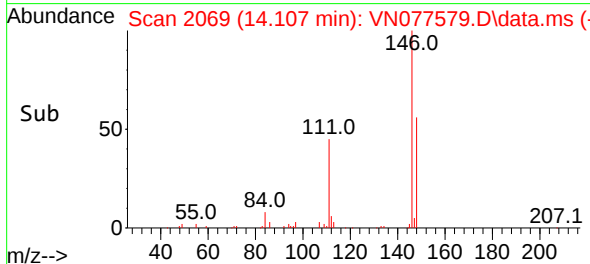
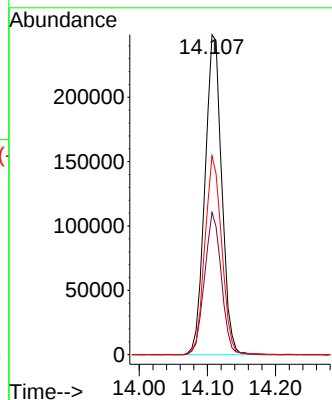
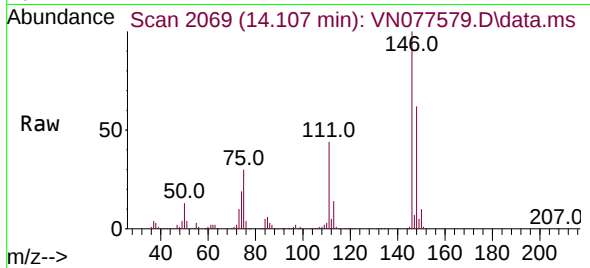
#91
1,2-Dichlorobenzene
Concen: 20.976 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS02

Tgt Ion:146 Resp: 42547
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 62.5 31.8 95.3

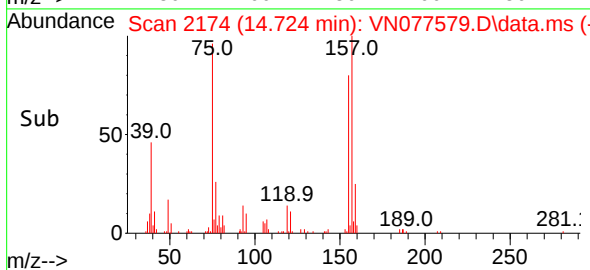
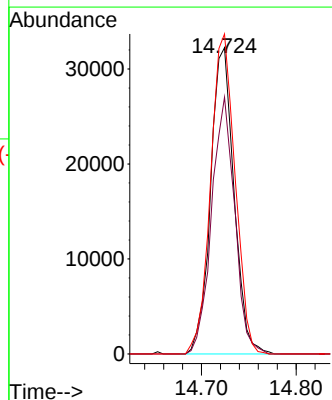
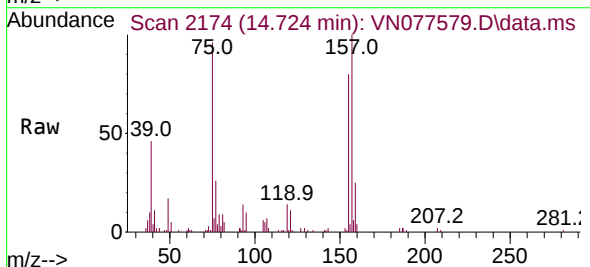
Manual Integrations
APPROVED

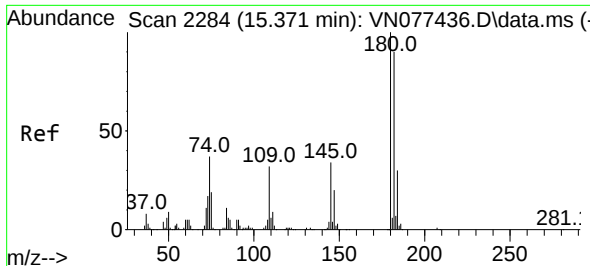
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.052 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077579.D
Acq: 04 May 2023 15:00

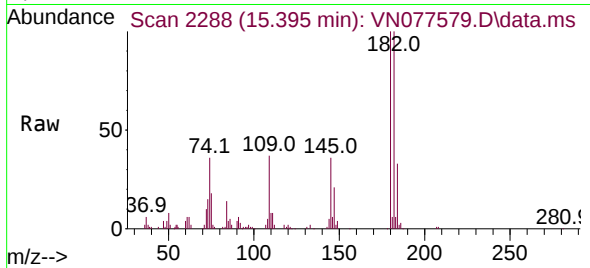
Tgt Ion: 75 Resp: 55342
Ion Ratio Lower Upper
75 100
155 82.7 39.1 117.2
157 109.1 50.3 150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 20.115 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

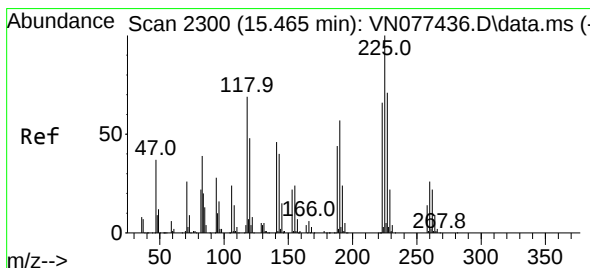
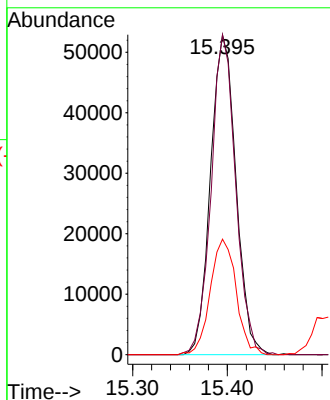
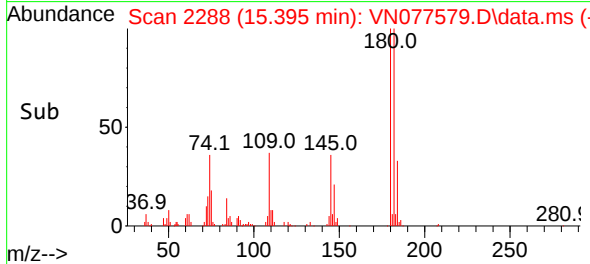
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBS02



Tgt Ion:180 Resp: 9846
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.1 138.2
 145 37.0 16.6 49.8

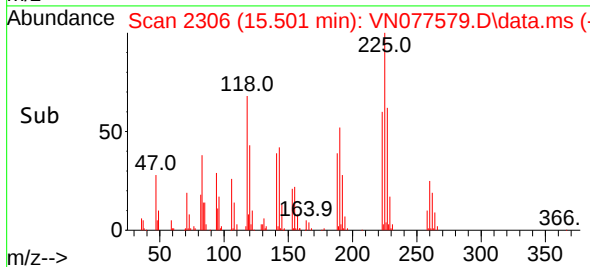
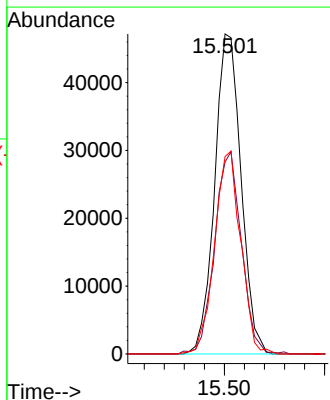
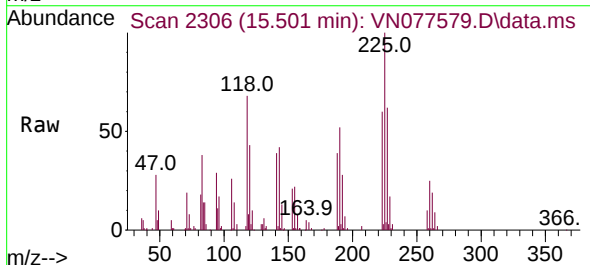
Manual Integrations
 APPROVED

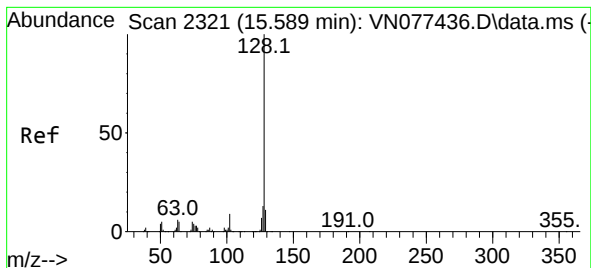
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#94
 Hexachlorobutadiene
 Concen: 21.003 ug/l
 RT: 15.501 min Scan# 2306
 Delta R.T. 0.036 min
 Lab File: VN077579.D
 Acq: 04 May 2023 15:00

Tgt Ion:225 Resp: 86088
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.3 93.8
 227 63.0 31.9 95.9





#95

Naphthalene

Concen: 20.860 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBS02

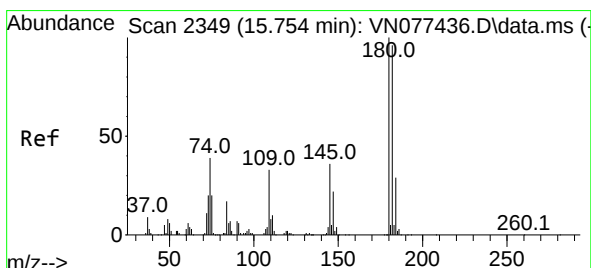
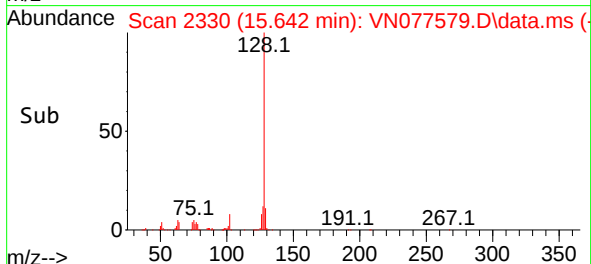
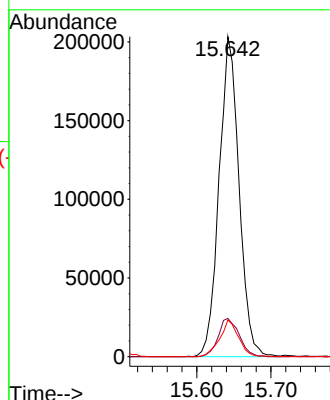
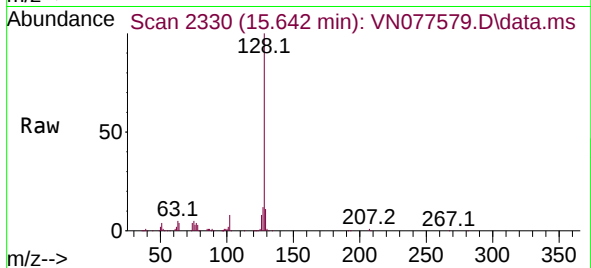
Tgt Ion:128	Resp: 38043
Ion Ratio	Lower Upper
128 100	
127 12.6	10.0 15.0
129 10.8	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.565 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.094 min

Lab File: VN077579.D

Acq: 04 May 2023 15:00

Tgt Ion:180	Resp: 94927
Ion Ratio	Lower Upper
180 100	
182 97.1	46.2 138.6
145 36.7	17.5 52.6

