

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077370.D
 Acq On : 19 Apr 2023 12:57
 Operator : JC\MD
 Sample : VN0419WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02

Quant Time: Apr 20 04:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	508123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	949731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	868107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	360812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	340897	49.087	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	8.172	113	306190	50.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	10.572	98	1204790	49.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.854	95	401842	49.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	131136	20.220	ug/l	97
3) Chloromethane	2.372	50	120588	15.004	ug/l	97
4) Vinyl Chloride	2.525	62	162297	14.894	ug/l	100
5) Bromomethane	2.960	94	138879	17.580	ug/l	95
6) Chloroethane	3.131	64	120781	15.531	ug/l	93
7) Trichlorofluoromethane	3.507	101	212362	22.476	ug/l	95
8) Diethyl Ether	3.972	74	78788	19.899	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	126706	21.912	ug/l	96
10) Methyl Iodide	4.601	142	149559	21.267	ug/l	96
11) Tert butyl alcohol	5.531	59	113571	80.145	ug/l	97
12) 1,1-Dichloroethene	4.343	96	118463	19.902	ug/l	90
13) Acrolein	4.184	56	107890	80.389	ug/l	98
14) Allyl chloride	5.043	41	134123	14.919	ug/l #	82
15) Acrylonitrile	5.725	53	274248	87.541	ug/l	99
16) Acetone	4.437	43	242859	94.847	ug/l	99
17) Carbon Disulfide	4.725	76	284394	17.718	ug/l	99
18) Methyl Acetate	5.031	43	173989	17.841	ug/l	95
19) Methyl tert-butyl Ether	5.801	73	431016	20.407	ug/l	98
20) Methylene Chloride	5.284	84	140933	19.489	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	130311	19.995	ug/l	96
22) Diisopropyl ether	6.684	45	349461	19.389	ug/l	95
23) Vinyl Acetate	6.607	43	1276552m	104.751	ug/l	
24) 1,1-Dichloroethane	6.578	63	230546	19.809	ug/l	99
25) 2-Butanone	7.489	43	363433	87.455	ug/l	96
26) 2,2-Dichloropropane	7.501	77	241472	22.626	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	163101	20.494	ug/l	99
28) Bromochloromethane	7.819	49	104711	22.366	ug/l	88
29) Tetrahydrofuran	7.848	42	223035	83.491	ug/l	95
30) Chloroform	7.972	83	262323	21.136	ug/l	99
31) Cyclohexane	8.266	56	196808	18.238	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	242996	21.528	ug/l	94
36) 1,1-Dichloropropene	8.378	75	190907	21.230	ug/l	98
37) Ethyl Acetate	7.560	43	145632	18.101	ug/l	99
38) Carbon Tetrachloride	8.366	117	209252	22.713	ug/l	95
39) Methylcyclohexane	9.601	83	246856	20.359	ug/l	97
40) Benzene	8.613	78	575523	20.519	ug/l	98

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Quant Time: Apr 20 04:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	70237	16.241	ug/l	89
42) 1,2-Dichloroethane	8.672	62	190510	22.069	ug/l	99
43) Isopropyl Acetate	8.689	43	262359	17.672	ug/l	97
44) Trichloroethene	9.360	130	149945	22.343	ug/l	97
45) 1,2-Dichloropropane	9.625	63	143339	21.518	ug/l	94
46) Dibromomethane	9.713	93	106159	21.152	ug/l	96
47) Bromodichloromethane	9.889	83	217114	21.643	ug/l	91
48) Methyl methacrylate	9.683	41	114072	18.012	ug/l	95
49) 1,4-Dioxane	9.701	88	54198	352.988	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	771113	89.862	ug/l	98
52) Toluene	10.630	92	393675	21.444	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	232946	21.385	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	242728	20.920	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	157771	21.893	ug/l	97
56) Ethyl methacrylate	10.877	69	225857	20.121	ug/l	97
57) 1,3-Dichloropropane	11.166	76	255703	21.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	306217	91.644	ug/l	97
59) 2-Hexanone	11.195	43	574241	89.824	ug/l	100
60) Dibromochloromethane	11.360	129	168356	22.683	ug/l	99
61) 1,2-Dibromoethane	11.472	107	156803	21.799	ug/l	98
64) Tetrachloroethene	11.107	164	119603	22.302	ug/l	95
65) Chlorobenzene	11.895	112	419387	21.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	154957	21.428	ug/l	100
67) Ethyl Benzene	11.966	91	755960	21.435	ug/l	98
68) m/p-Xylenes	12.071	106	586791	42.344	ug/l	100
69) o-Xylene	12.401	106	290976	21.284	ug/l	98
70) Styrene	12.413	104	468221	21.283	ug/l	99
71) Bromoform	12.577	173	107479	21.113	ug/l #	99
73) Isopropylbenzene	12.701	105	766850	21.882	ug/l	99
74) N-amyl acetate	12.495	43	225933	17.012	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	220833	20.079	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	187066m	21.772	ug/l	
77) Bromobenzene	12.983	156	162598	22.818	ug/l	90
78) n-propylbenzene	13.042	91	849671	21.943	ug/l	99
79) 2-Chlorotoluene	13.130	91	507709	21.775	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	610198	21.800	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	78600	20.586	ug/l #	82
82) 4-Chlorotoluene	13.224	91	486518	22.131	ug/l	98
83) tert-Butylbenzene	13.442	119	535163	21.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	573768	20.749	ug/l	99
85) sec-Butylbenzene	13.618	105	767761	22.111	ug/l	100
86) p-Isopropyltoluene	13.730	119	616500	22.592	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	294766	22.359	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	286343	22.025	ug/l	97
89) n-Butylbenzene	14.060	91	488997	21.585	ug/l	98
90) Hexachloroethane	14.336	117	123313	20.667	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	290017	21.990	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	39513	18.957	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	77630	16.306	ug/l	100
94) Hexachlorobutadiene	15.465	225	61136	22.184	ug/l	98
95) Naphthalene	15.589	128	284239	15.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	70144	15.403	ug/l	98

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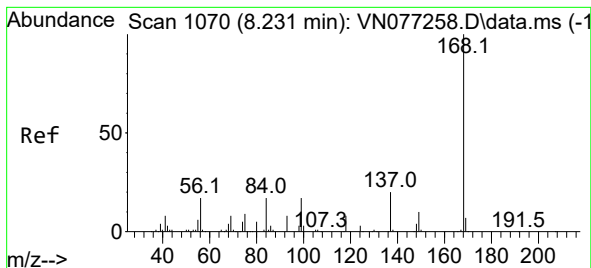
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 04:25:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion:168 Resp: 50812

Ion Ratio Lower Upper

168 100

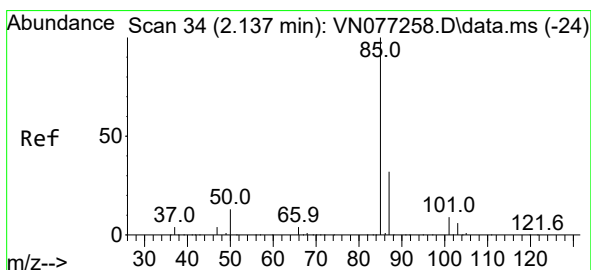
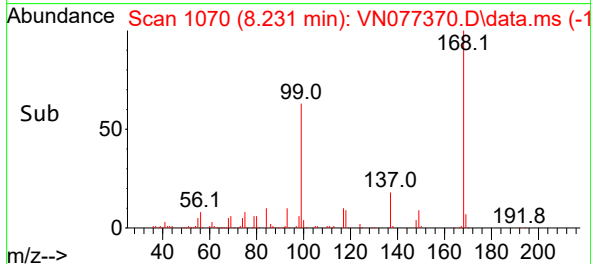
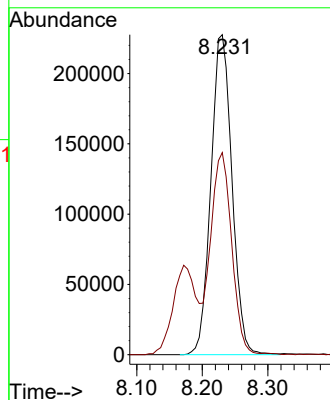
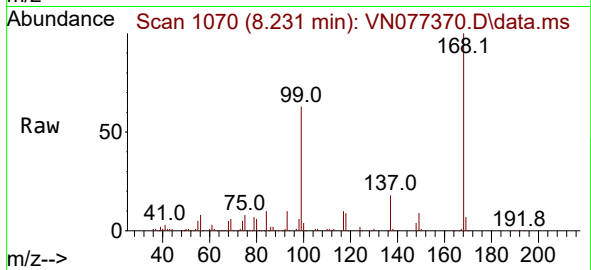
99 63.1 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#2

Dichlorodifluoromethane

Concen: 20.220 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077370.D

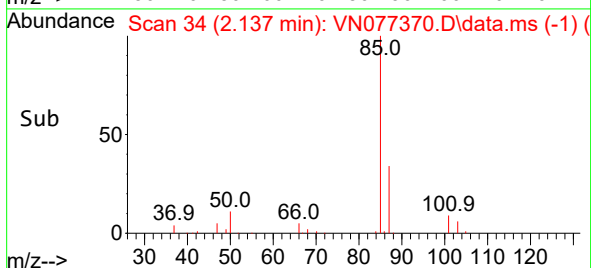
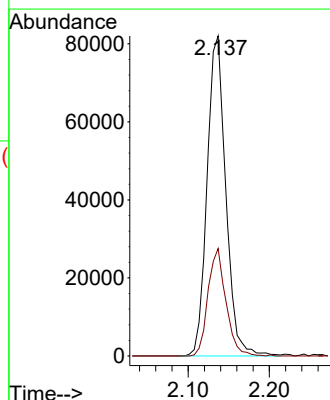
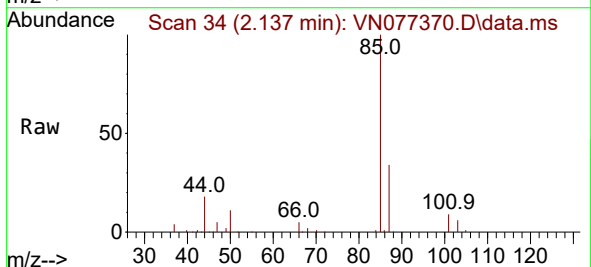
Acq: 19 Apr 2023 12:57

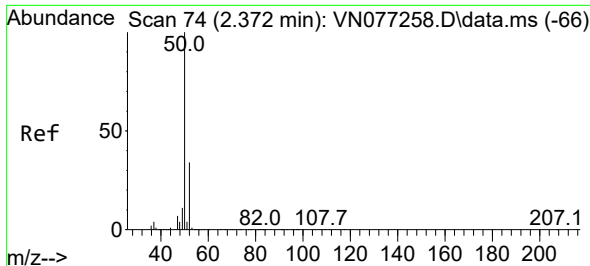
Tgt Ion: 85 Resp: 131136

Ion Ratio Lower Upper

85 100

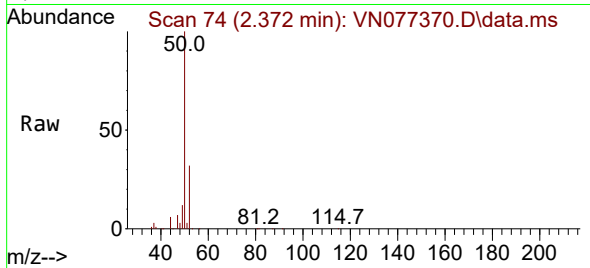
87 33.6 16.1 48.2





#3
Chloromethane
Concen: 15.004 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

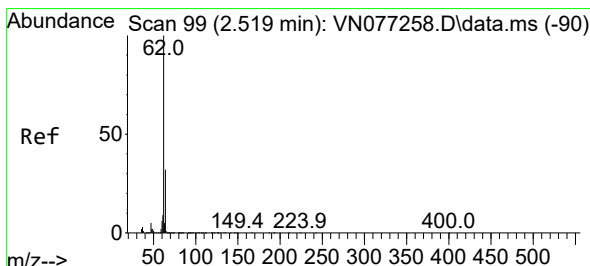
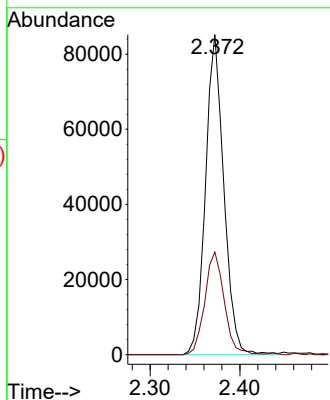
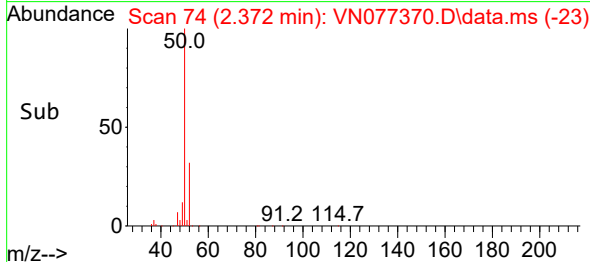
Instrument :
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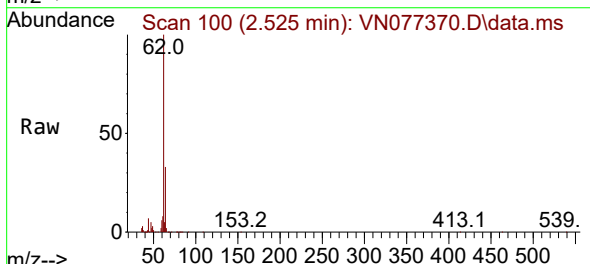
Tgt Ion: 50 Resp: 120588
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9

Manual Integrations
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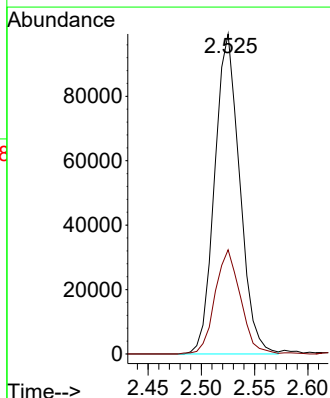
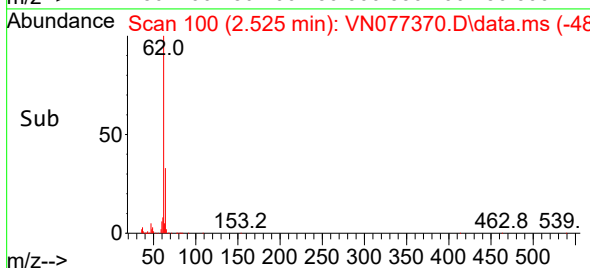
Reviewed By :John Carlone 04/20/2023
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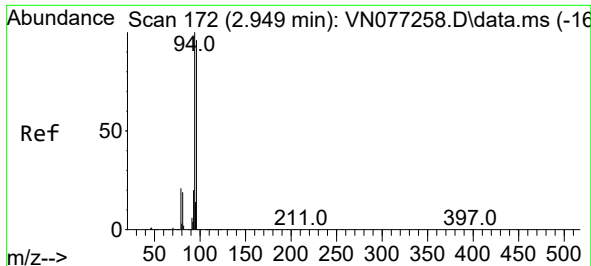


#4
Vinyl Chloride
Concen: 14.894 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



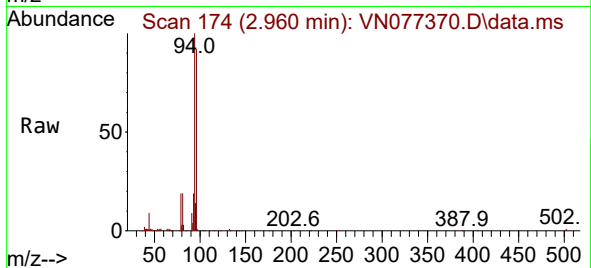
Tgt Ion: 62 Resp: 162297
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





#5
Bromomethane
Concen: 17.580 ug/l
RT: 2.960 min Scan# 172
Delta R.T. 0.011 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

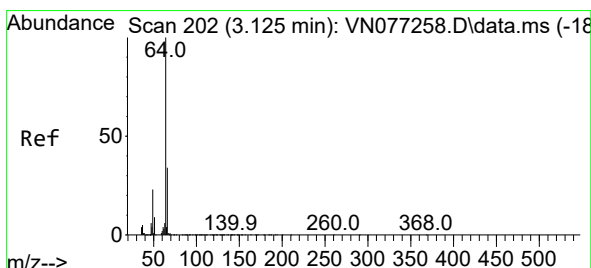
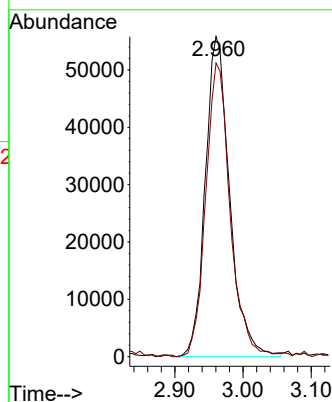
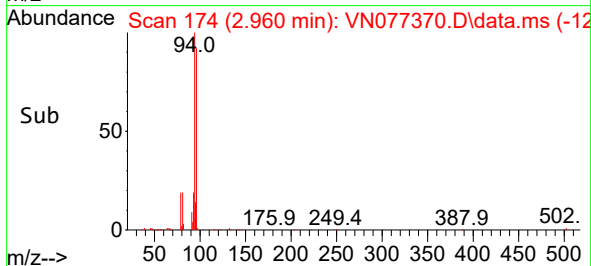
Instrument :
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Tgt Ion: 94 Resp: 138879
Ion Ratio Lower Upper
94 100
96 91.5 77.0 115.4

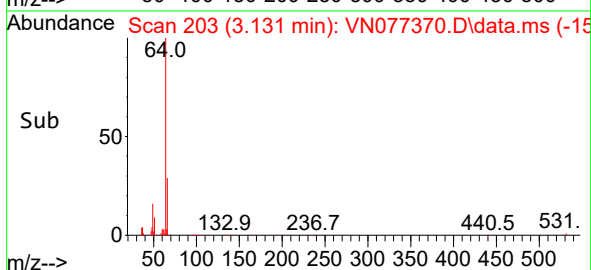
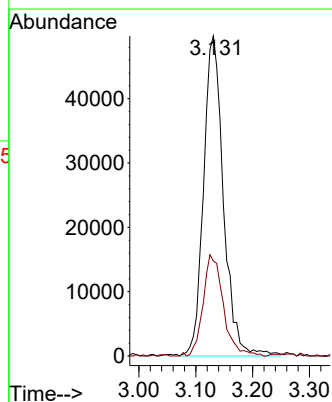
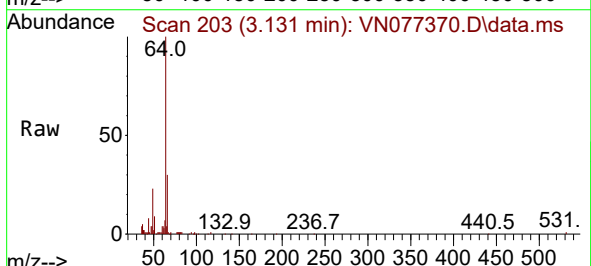
Manual Integrations
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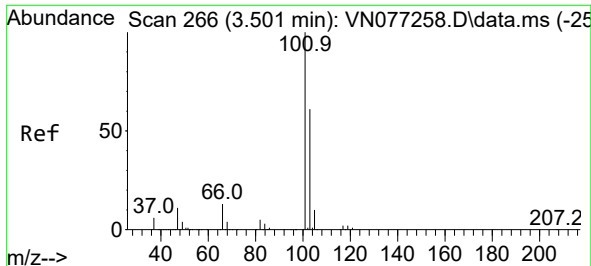
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 15.531 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077370.D
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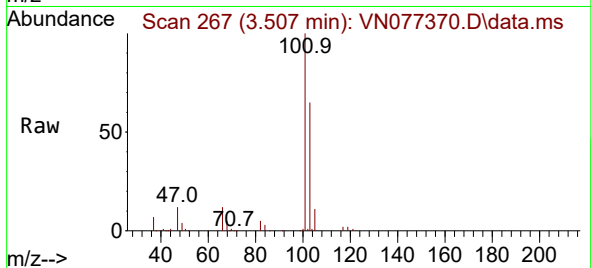
Tgt Ion: 64 Resp: 120781
Ion Ratio Lower Upper
64 100
66 29.7 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 22.476 ug/l
 RT: 3.507 min Scan# 212362
 Delta R.T. 0.006 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

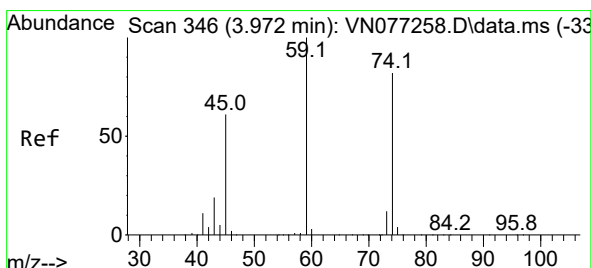
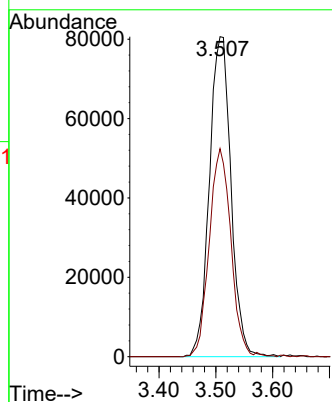
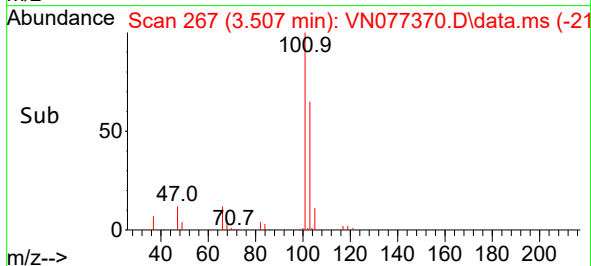
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02



Tgt Ion:101 Resp: 212362
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.0 73.4

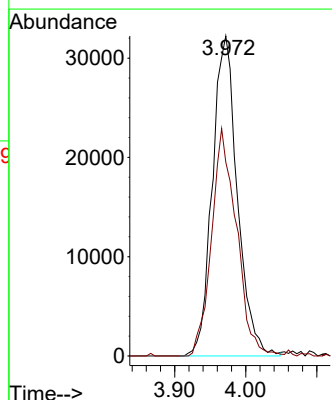
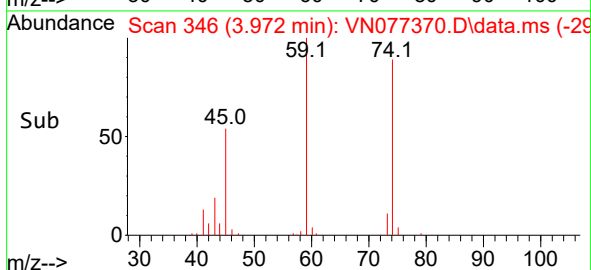
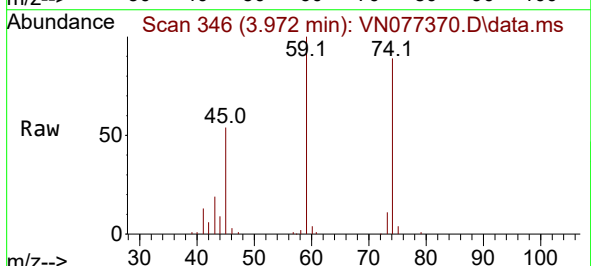
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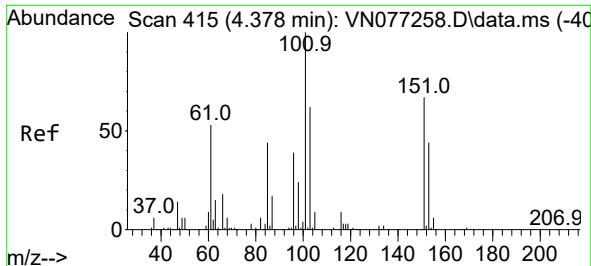
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#8
 Diethyl Ether
 Concen: 19.899 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

Tgt Ion: 74 Resp: 78788
 Ion Ratio Lower Upper
 74 100
 45 70.9 37.8 113.4





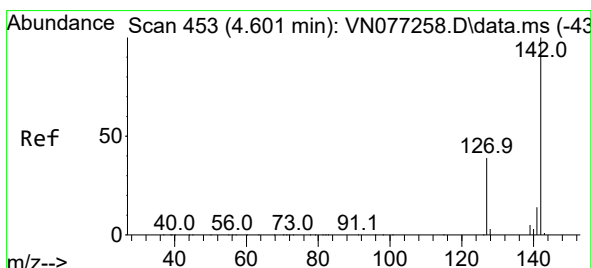
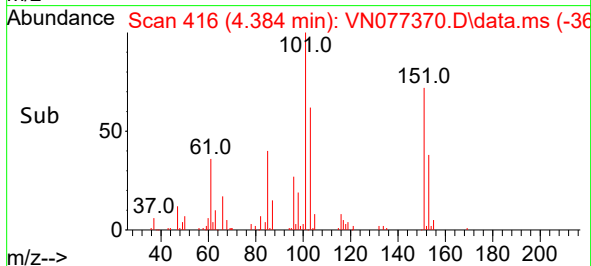
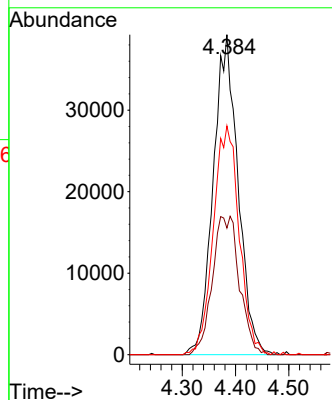
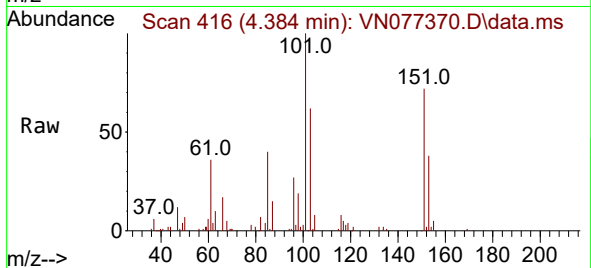
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.912 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02

Tgt Ion:101 Resp: 126700
Ion Ratio Lower Upper
101 100
85 47.4 37.3 55.9
151 74.6 56.3 84.5

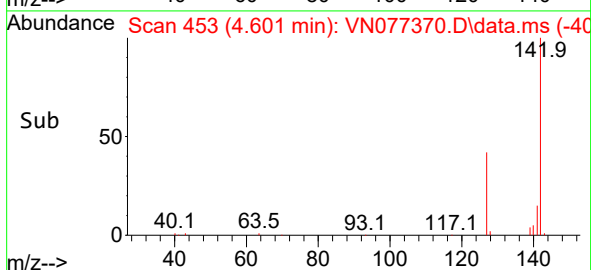
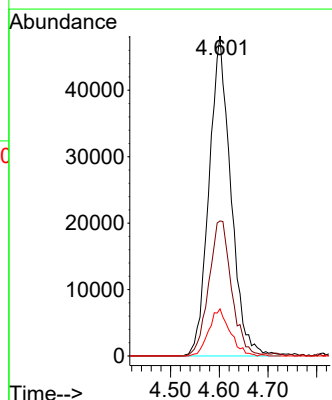
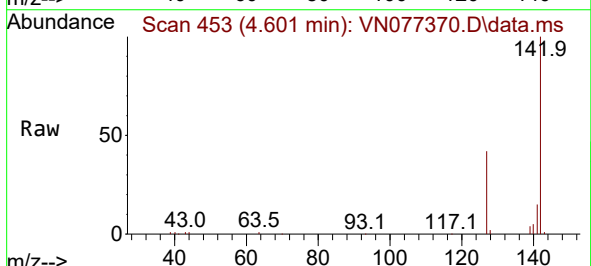
Manual Integrations
APPROVED

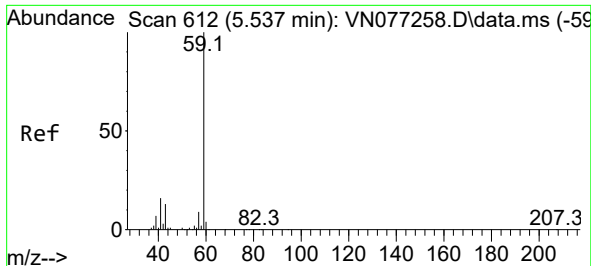
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 21.267 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

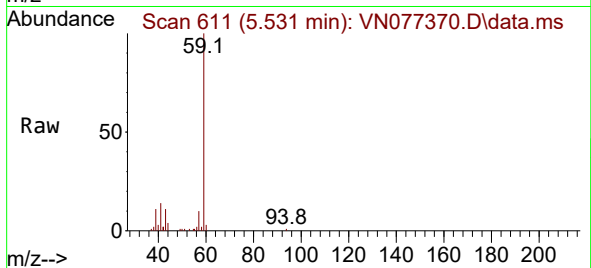
Tgt Ion:142 Resp: 149559
Ion Ratio Lower Upper
142 100
127 42.2 31.5 47.3
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 80.145 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

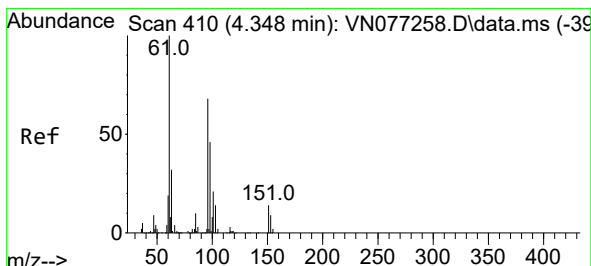
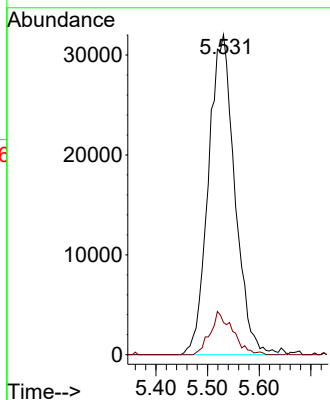
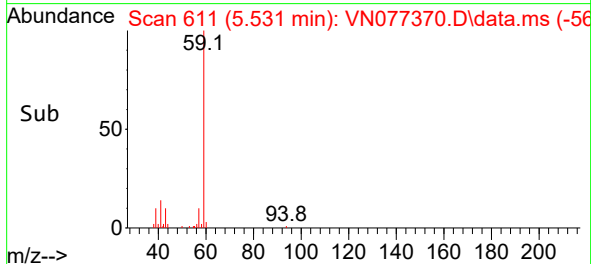
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 59 Resp: 11357
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5

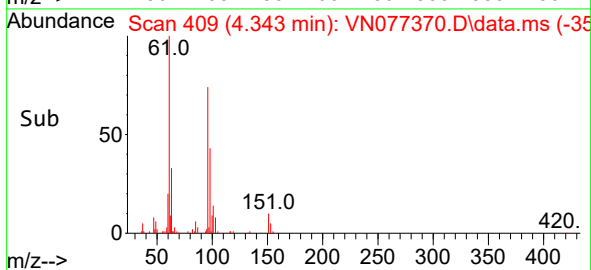
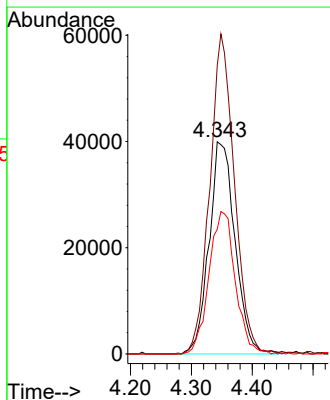
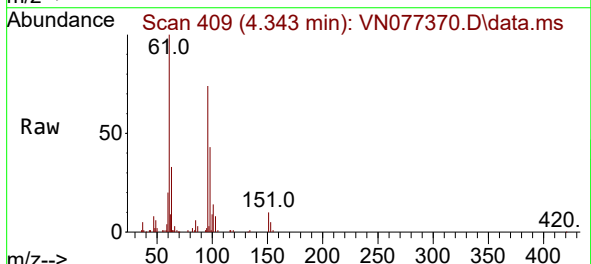
Manual Integrations
APPROVED

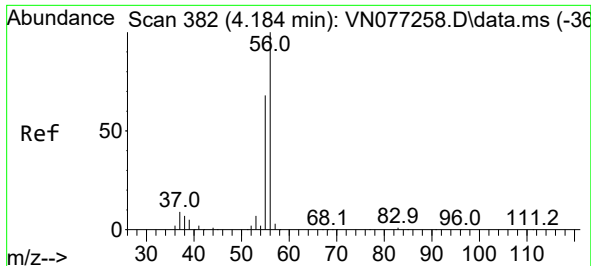
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 19.902 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.005 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

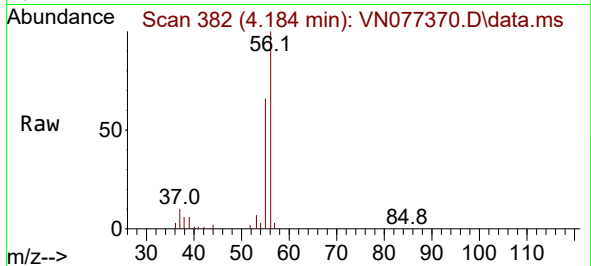
Tgt Ion: 96 Resp: 118463
Ion Ratio Lower Upper
96 100
61 135.3 118.3 177.5
98 58.8 54.5 81.7





#13
Acrolein
Concen: 80.389 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

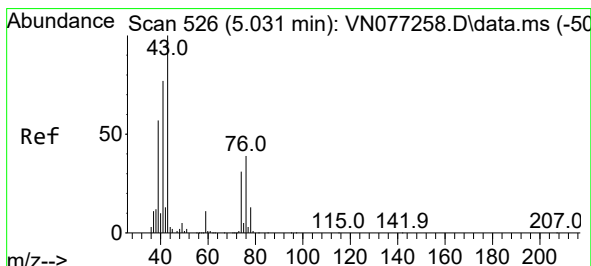
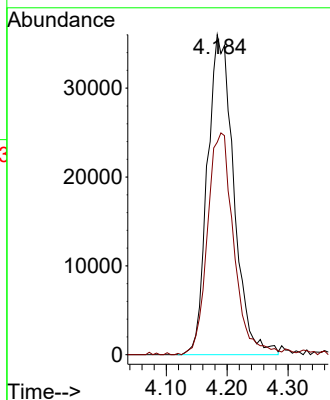
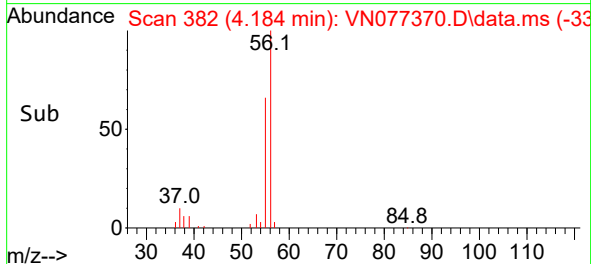
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 56 Resp: 107890
Ion Ratio Lower Upper
56 100
55 69.4 54.2 81.2

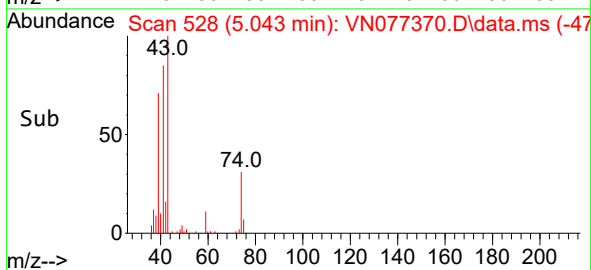
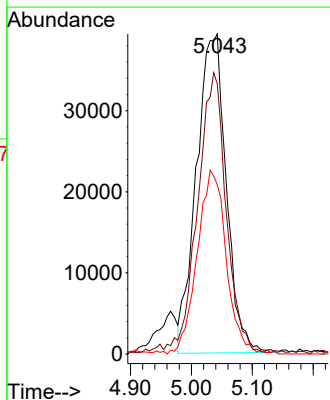
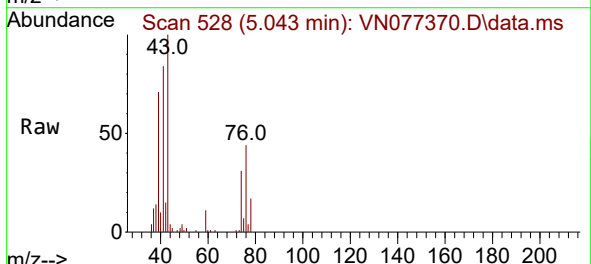
Manual Integrations
APPROVED

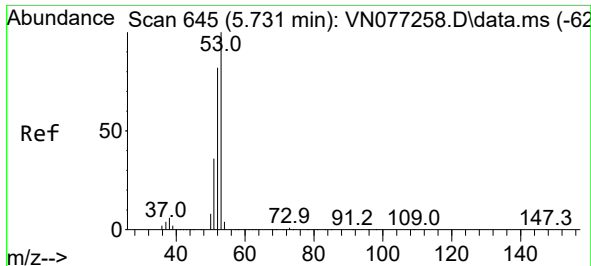
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 14.919 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

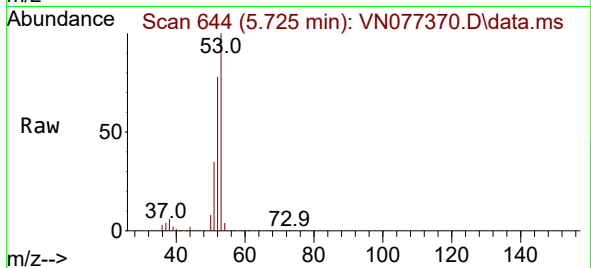
Tgt Ion: 41 Resp: 134123
Ion Ratio Lower Upper
41 100
39 82.8 55.0 82.4#
76 55.8 35.4 53.2#





#15
Acrylonitrile
Concen: 87.541 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

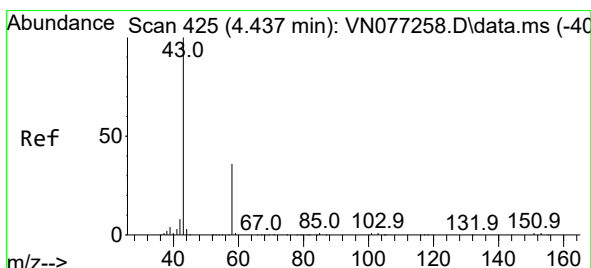
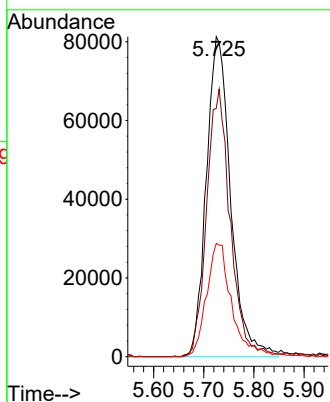
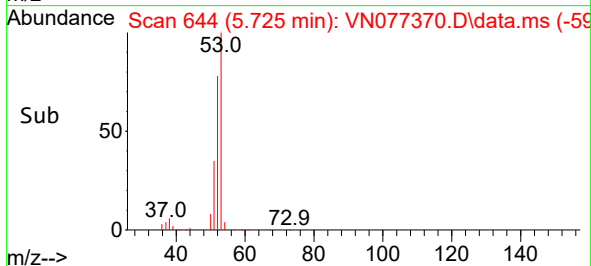
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 53 Resp: 274248
Ion Ratio Lower Upper
53 100
52 80.9 65.2 97.8
51 36.8 28.1 42.1

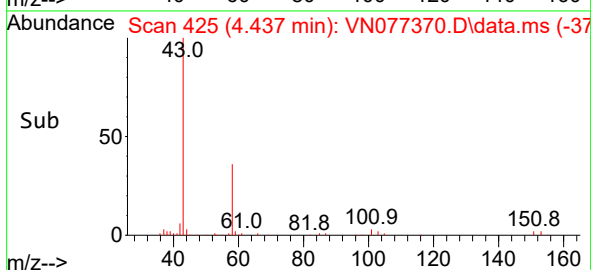
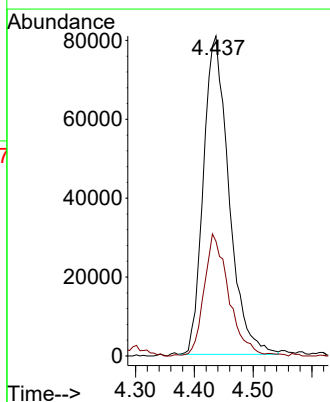
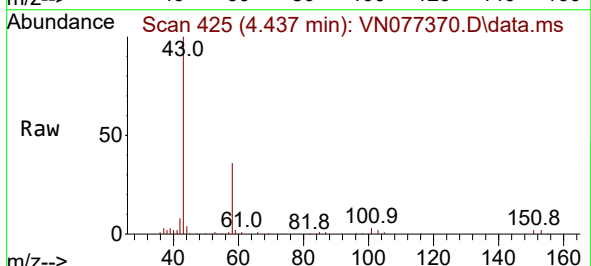
Manual Integrations
APPROVED

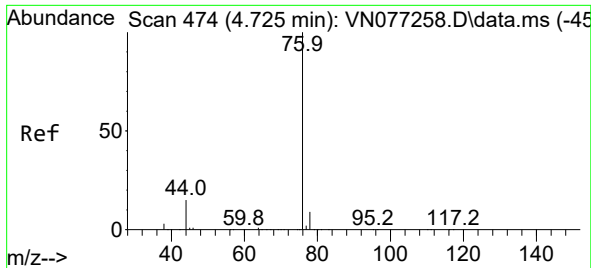
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#16
Acetone
Concen: 94.847 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

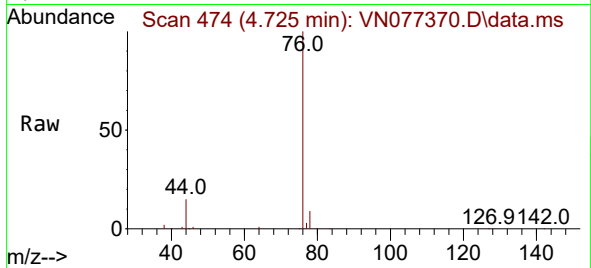
Tgt Ion: 43 Resp: 242859
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6





#17
Carbon Disulfide
Concen: 17.718 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

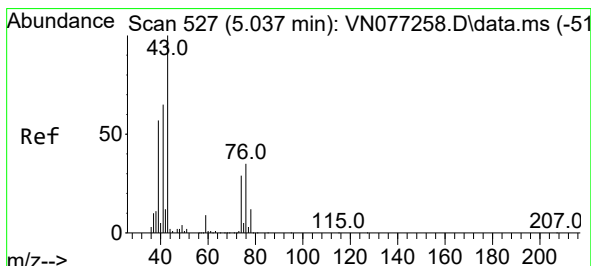
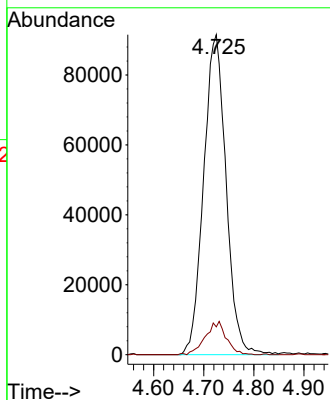
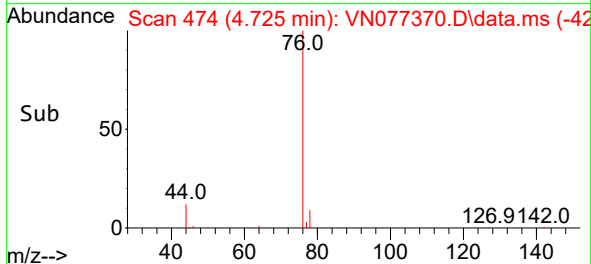
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



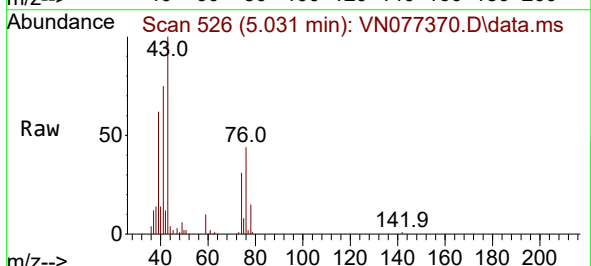
Tgt Ion: 76 Resp: 284394
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

Manual Integrations
APPROVED

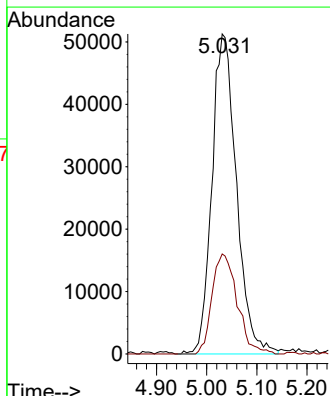
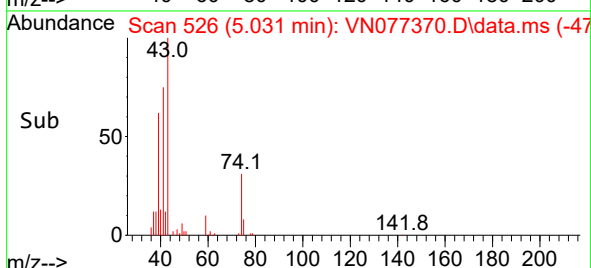
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

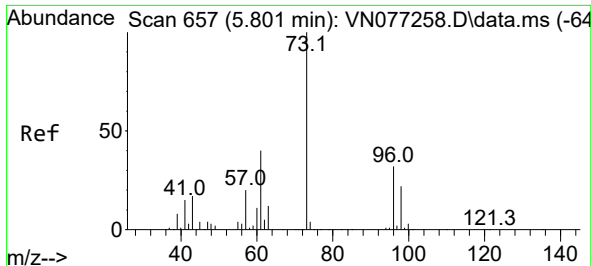


#18
Methyl Acetate
Concen: 17.841 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



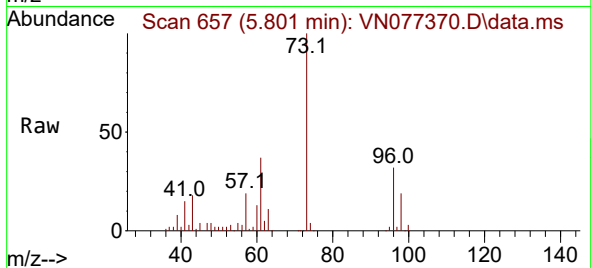
Tgt Ion: 43 Resp: 173989
Ion Ratio Lower Upper
43 100
74 32.1 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 20.407 ug/l
RT: 5.801 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

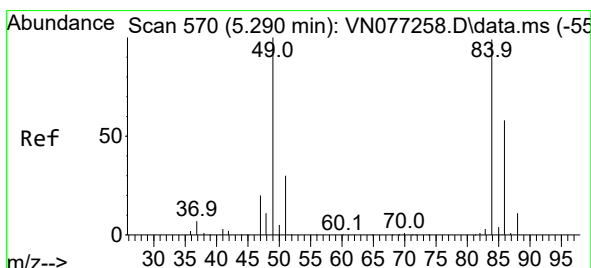
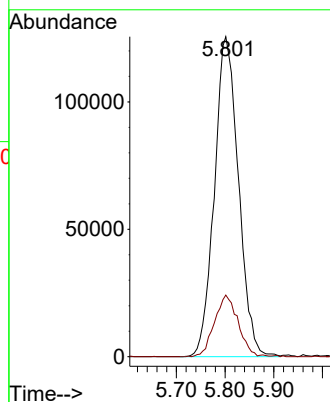
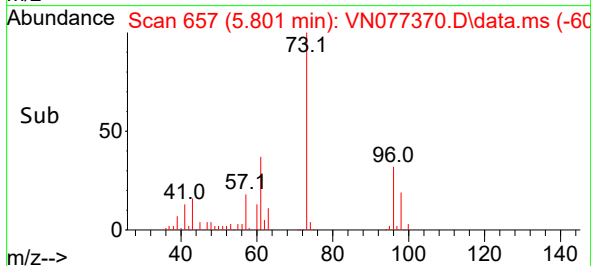
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 73 Resp: 431010
Ion Ratio Lower Upper
73 100
57 19.2 16.2 24.4

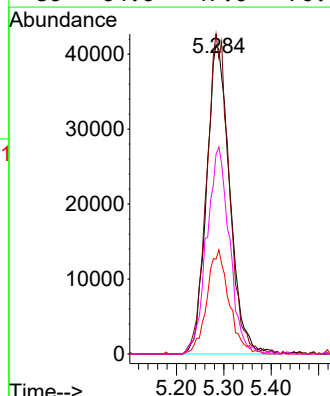
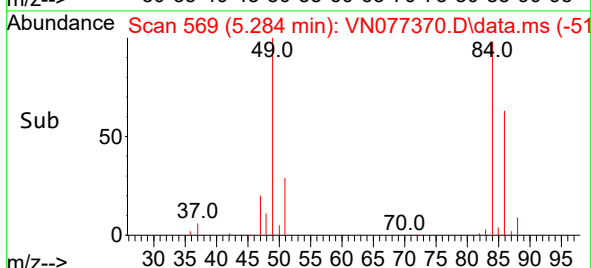
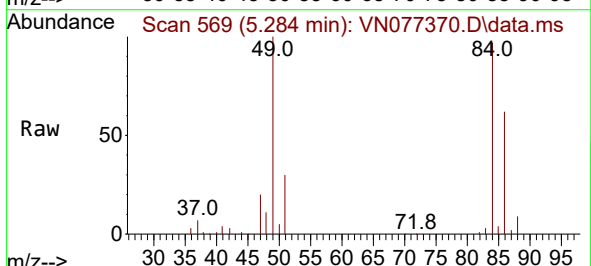
Manual Integrations
APPROVED

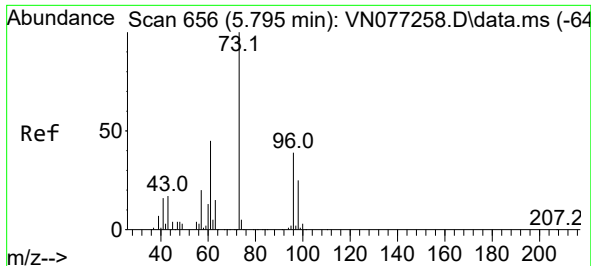
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 19.489 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

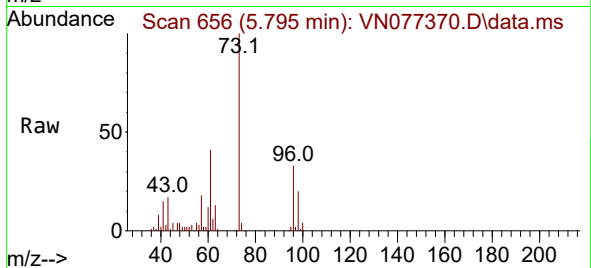
Tgt Ion: 84 Resp: 140933
Ion Ratio Lower Upper
84 100
49 103.5 80.6 121.0
51 30.7 24.4 36.6
86 64.6 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 19.995 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

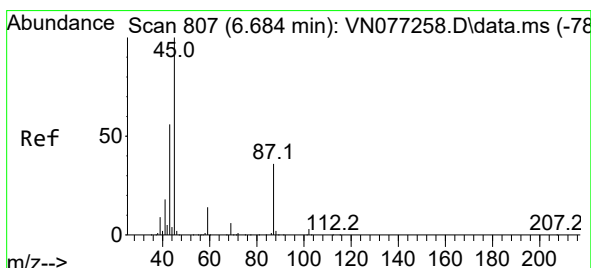
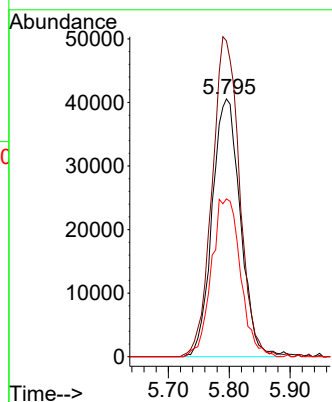
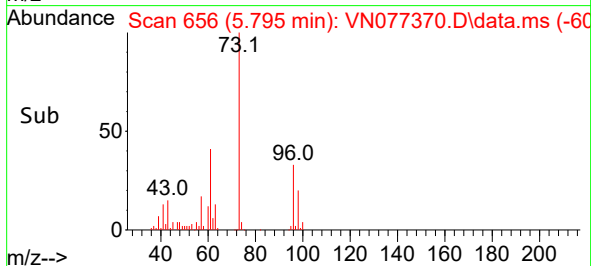
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 96 Resp: 13031
Ion Ratio Lower Upper
96 100
61 122.5 93.8 140.6
98 61.2 50.9 76.3

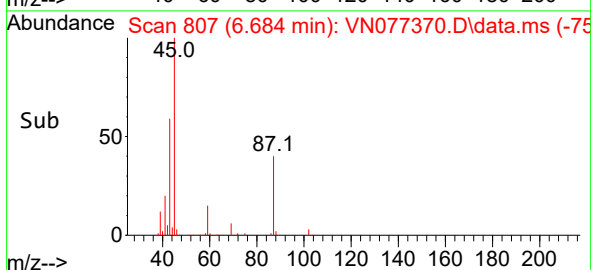
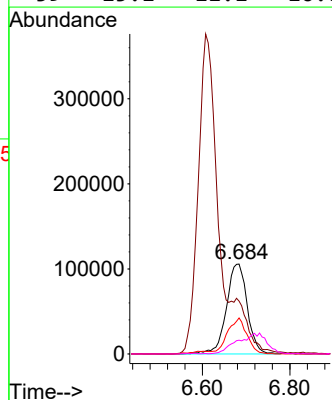
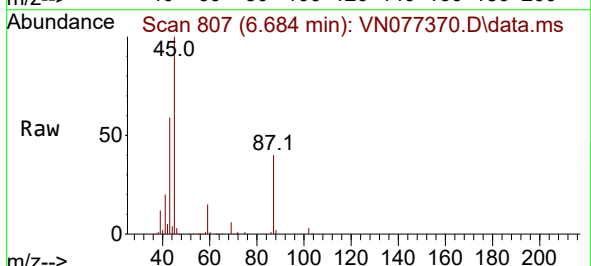
Manual Integrations
APPROVED

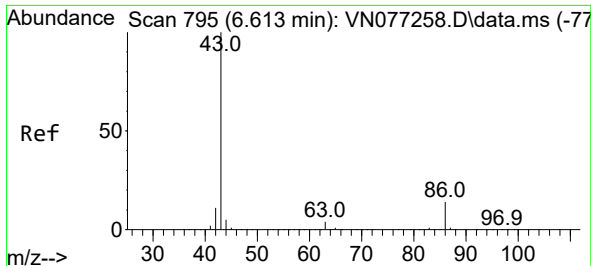
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 19.389 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

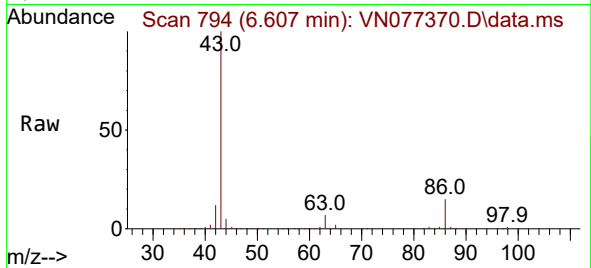
Tgt Ion: 45 Resp: 349461
Ion Ratio Lower Upper
45 100
43 57.9 44.6 66.8
87 40.1 28.4 42.6
59 15.1 11.1 16.7





#23
 Vinyl Acetate
 Concen: 104.751 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

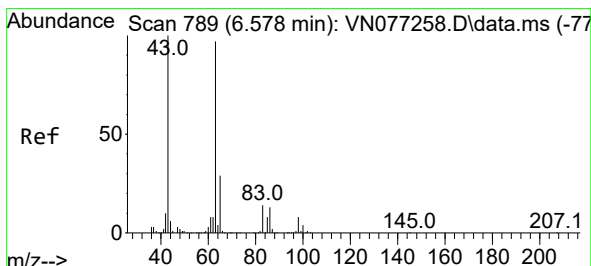
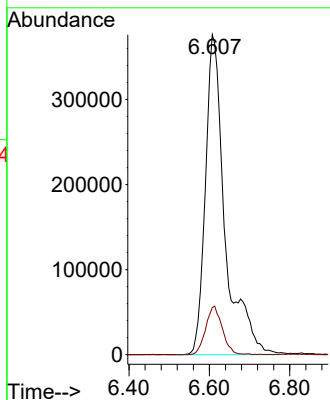
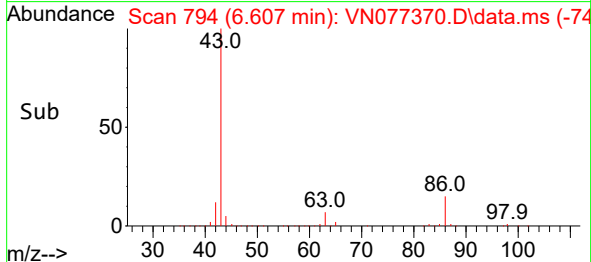
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02



Tgt Ion: 43 Resp: 127655
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.2 16.8

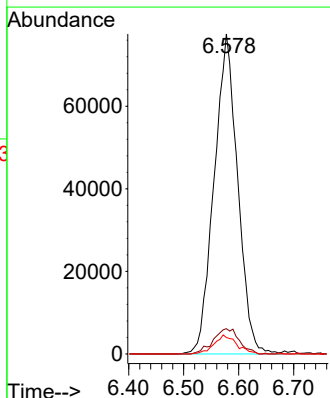
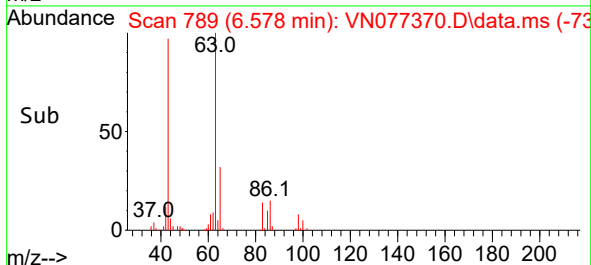
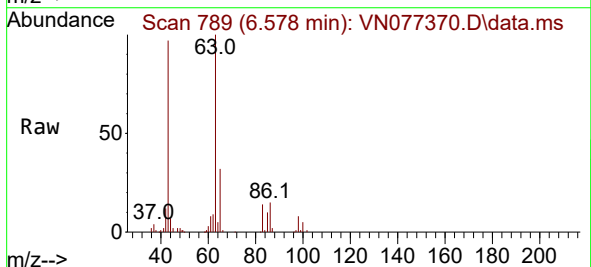
Manual Integrations
 APPROVED

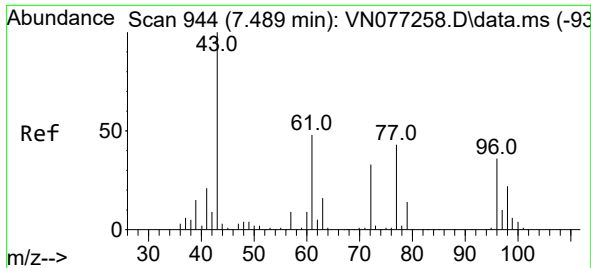
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 19.809 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

Tgt Ion: 63 Resp: 230546
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 5.1 2.3 6.9





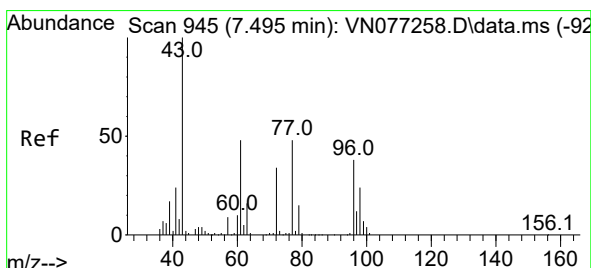
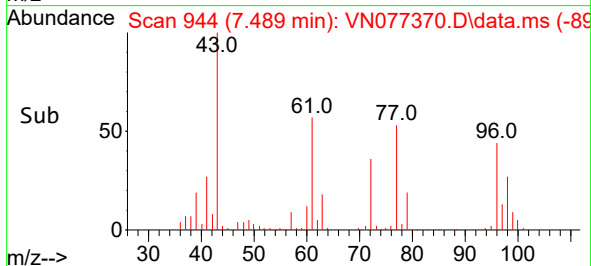
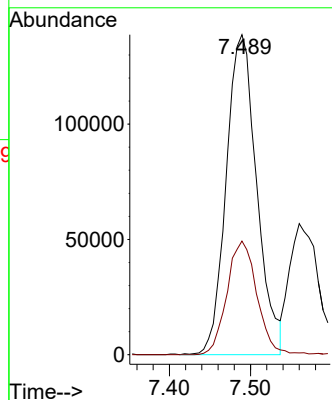
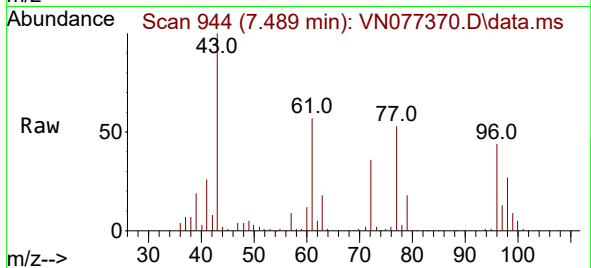
#25
2-Butanone
Concen: 87.455 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02

Tgt Ion: 43 Resp: 36343
Ion Ratio Lower Upper
43 100
72 35.5 26.6 39.8

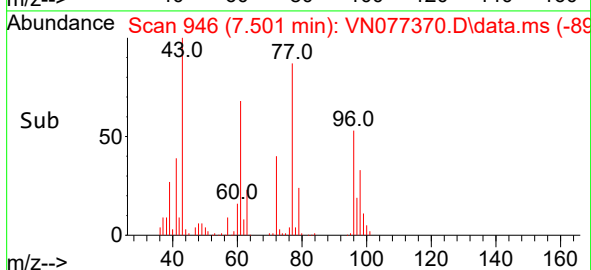
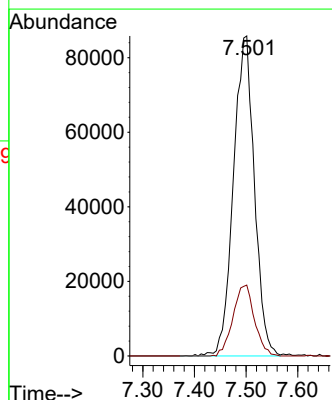
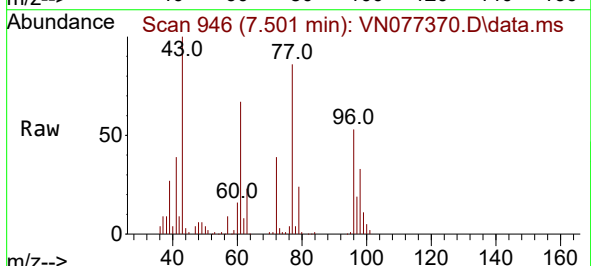
Manual Integrations
APPROVED

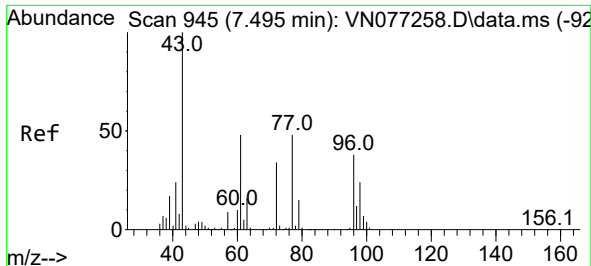
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#26
2,2-Dichloropropane
Concen: 22.626 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

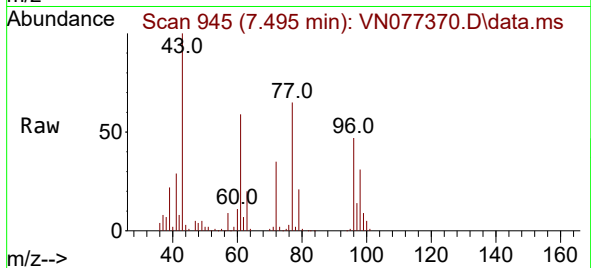
Tgt Ion: 77 Resp: 241472
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.494 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

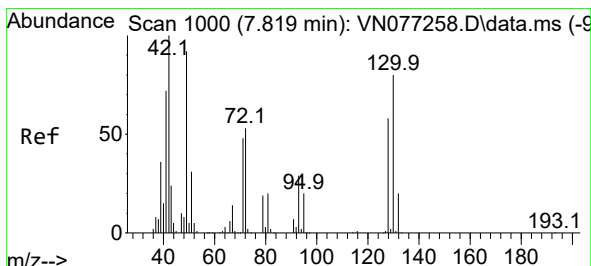
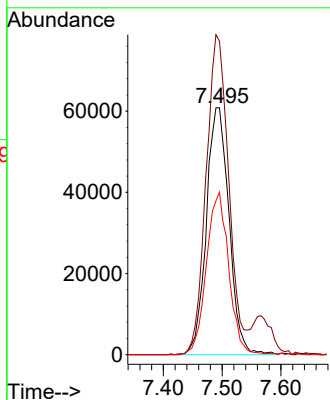
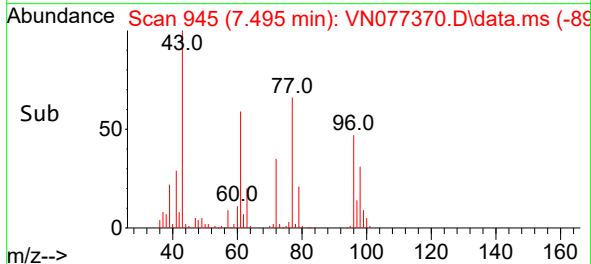
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02



Tgt Ion: 96 Resp: 16310
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 261.0
 98 64.8 0.0 128.0

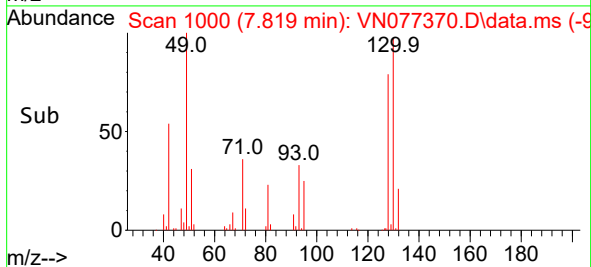
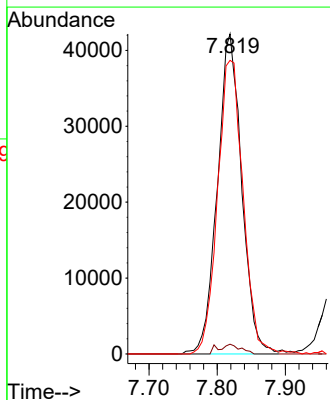
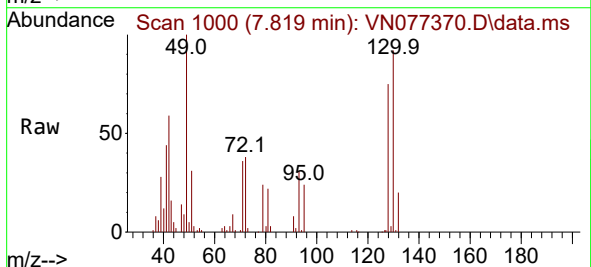
Manual Integrations
 APPROVED

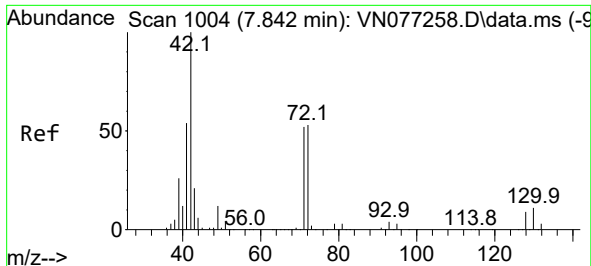
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 22.366 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

Tgt Ion: 49 Resp: 104711
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.4
 130 96.3 68.4 102.6





#29

Tetrahydrofuran

Concen: 83.491 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077370.D

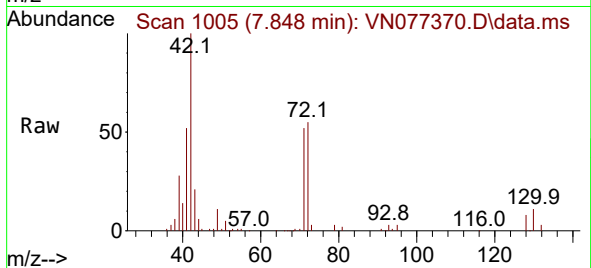
Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02



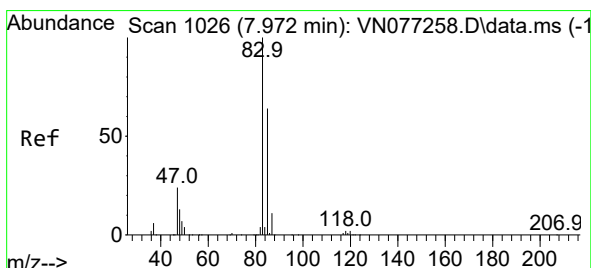
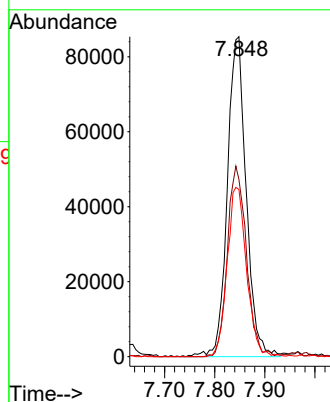
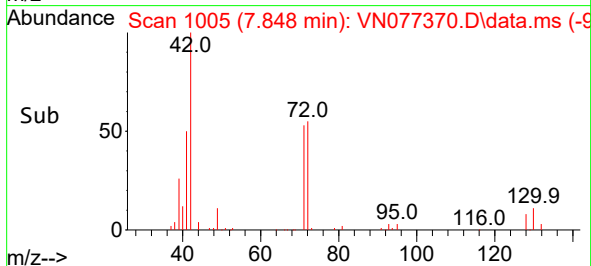
Tgt Ion:	42	Resp:	22303
Ion Ratio	100	Lower	Upper
42	100		
72	60.1	44.6	66.8
71	54.4	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 21.136 ug/l

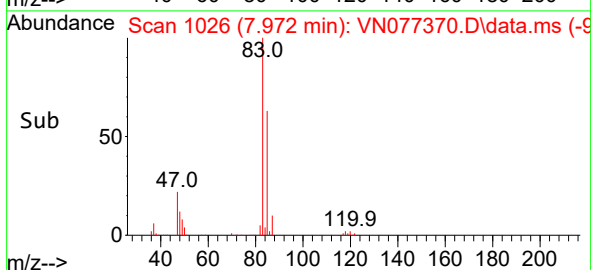
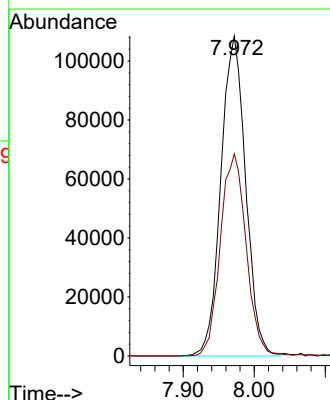
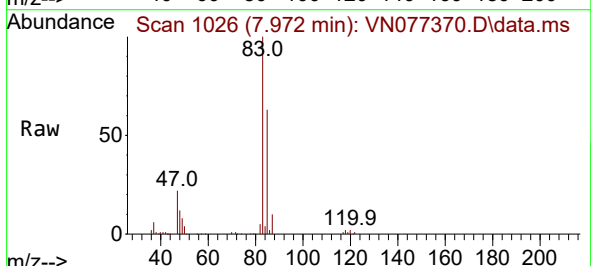
RT: 7.972 min Scan# 1026

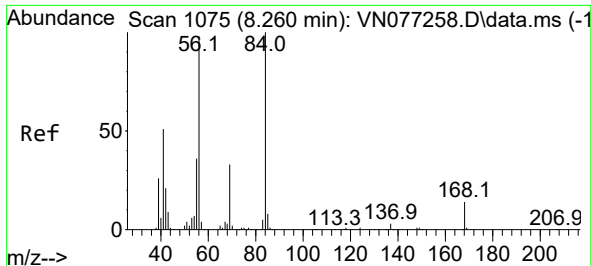
Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

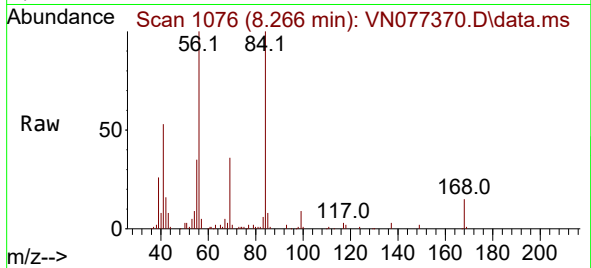
Tgt Ion:	83	Resp:	262323
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	50.9	76.3





#31
Cyclohexane
Concen: 18.238 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

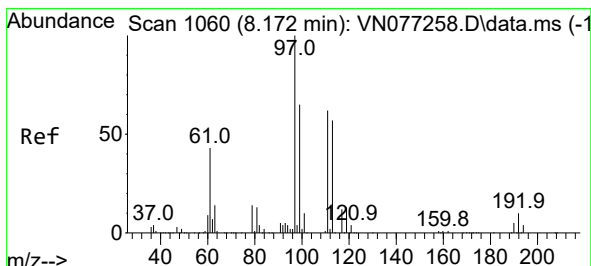
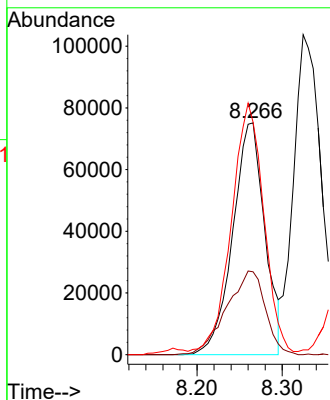
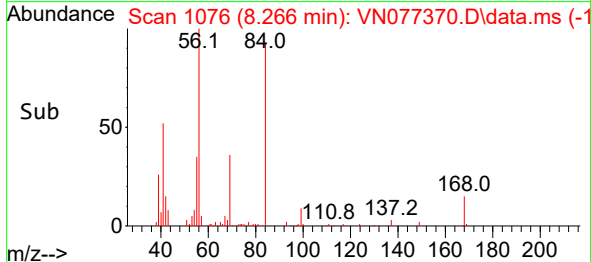
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 56 Resp: 196808
Ion Ratio Lower Upper
56 100
69 34.6 26.6 40.0
84 98.1 81.8 122.8

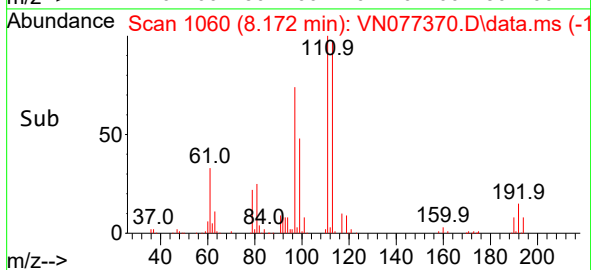
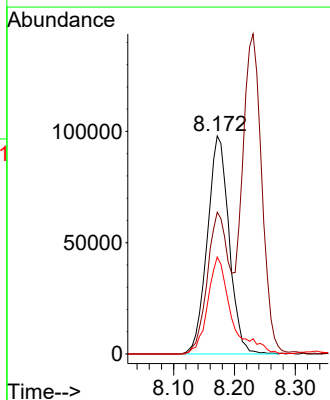
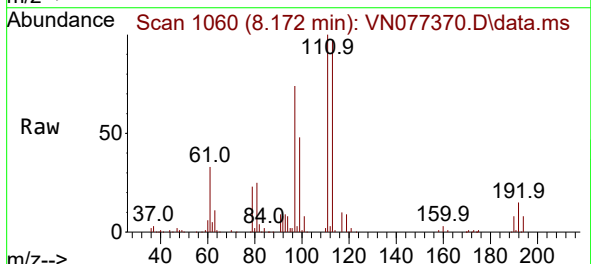
Manual Integrations
APPROVED

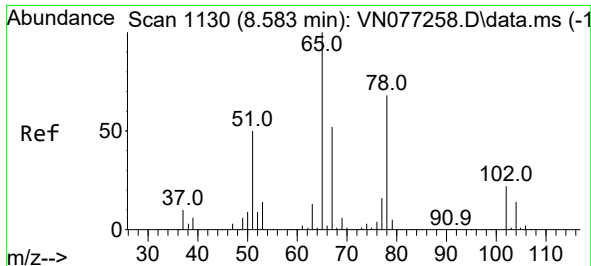
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 21.528 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Tgt Ion: 97 Resp: 242996
Ion Ratio Lower Upper
97 100
99 62.6 54.2 81.4
61 48.3 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 49.087 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion: 65 Resp: 34089

Ion Ratio Lower Upper

65 100

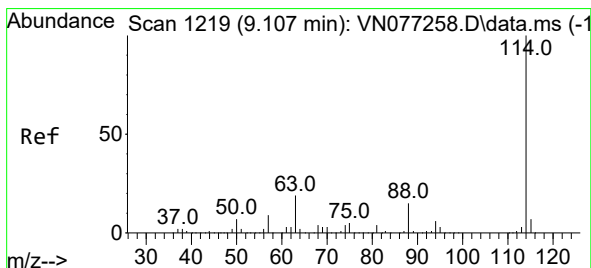
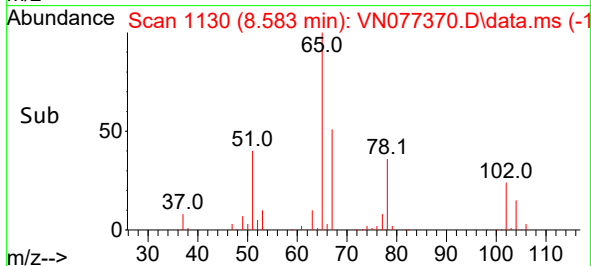
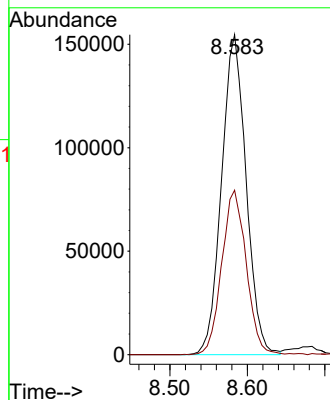
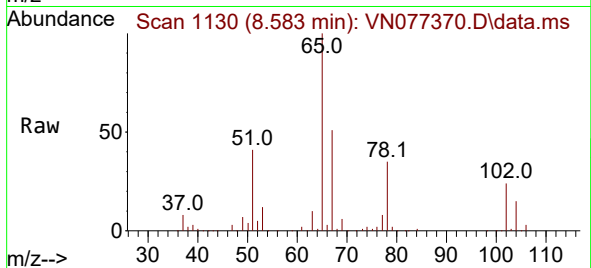
67 51.3 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

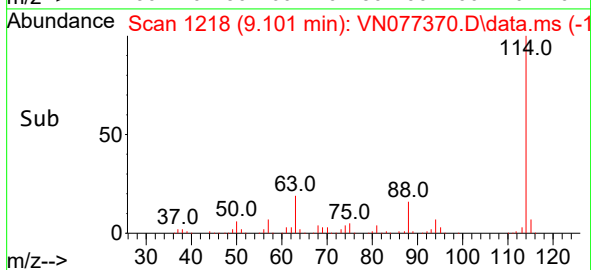
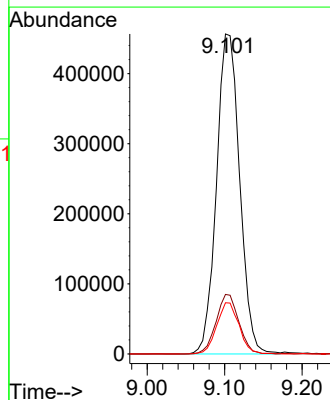
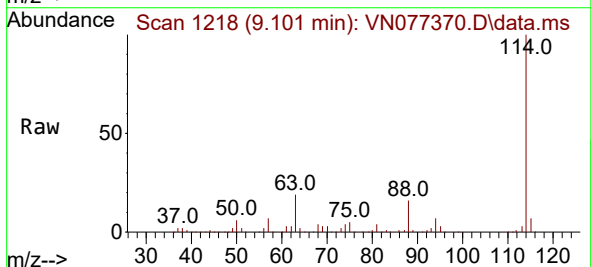
Tgt Ion:114 Resp: 949731

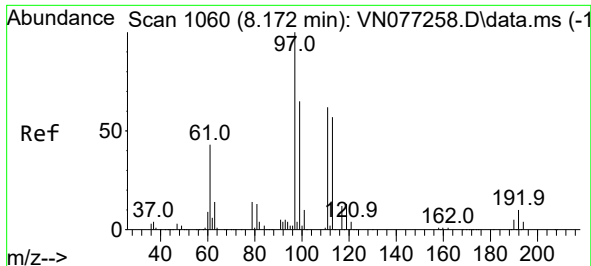
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.8

88 16.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.361 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion: 113 Resp: 306190

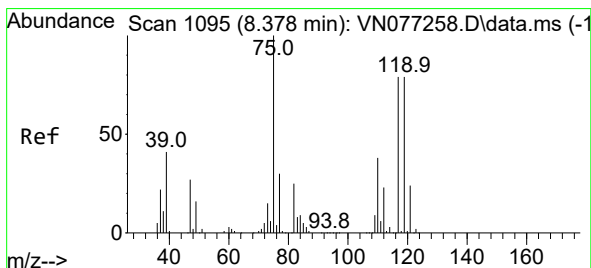
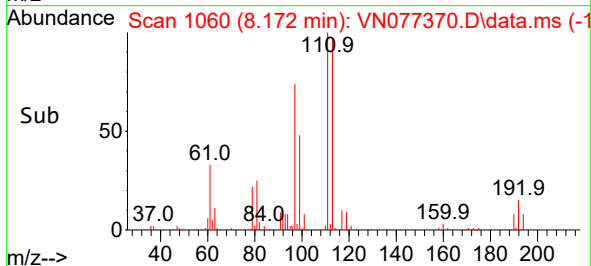
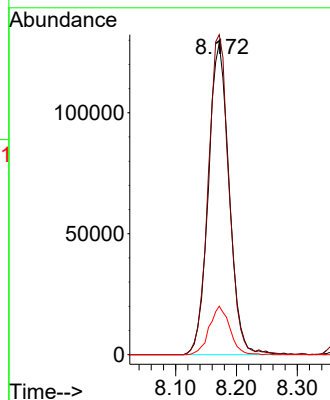
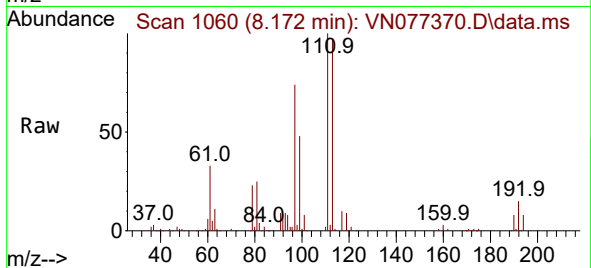
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.0
192	15.2	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 21.230 ug/l

RT: 8.378 min Scan# 1095

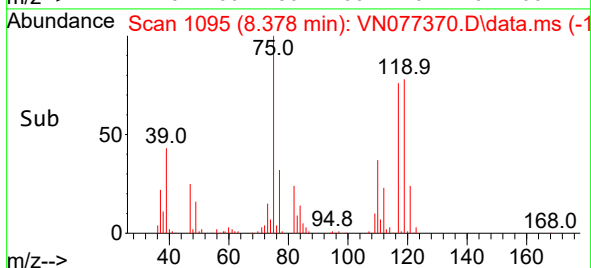
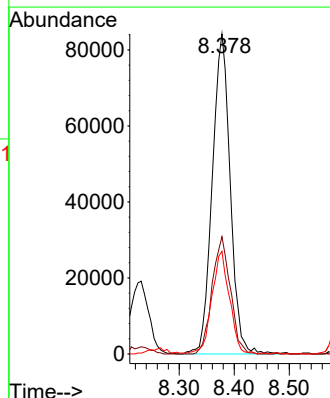
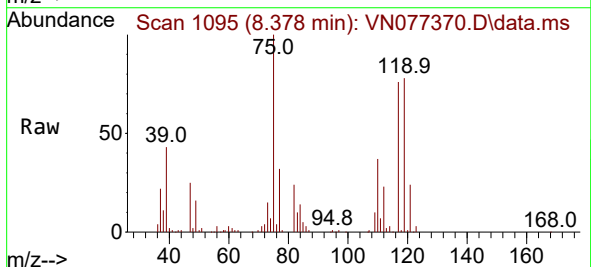
Delta R.T. -0.000 min

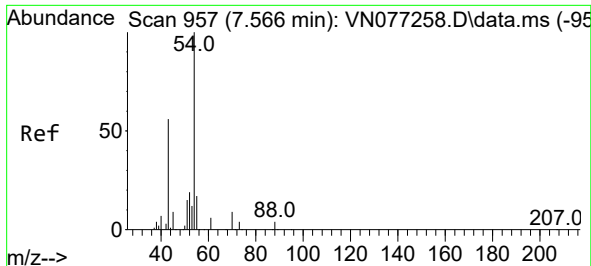
Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Tgt Ion: 75 Resp: 190907

Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.8	53.5
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 18.101 ug/l

RT: 7.560 min Scan# 9

Delta R.T. -0.006 min

Lab File: VN077370.D

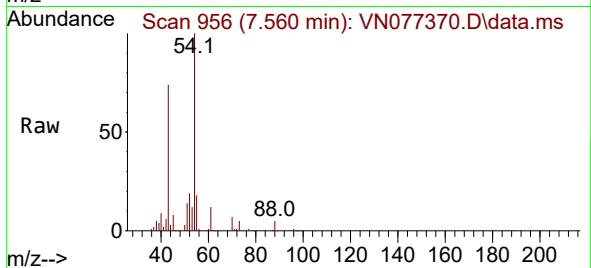
Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02



Tgt Ion: 43 Resp: 14563

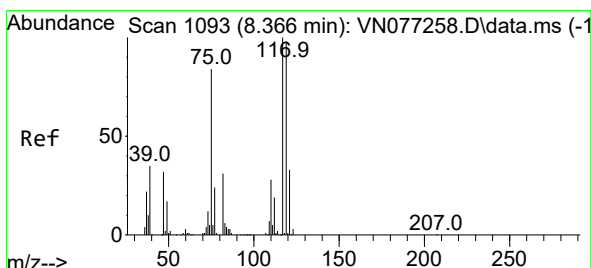
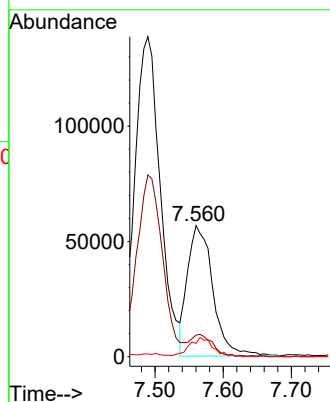
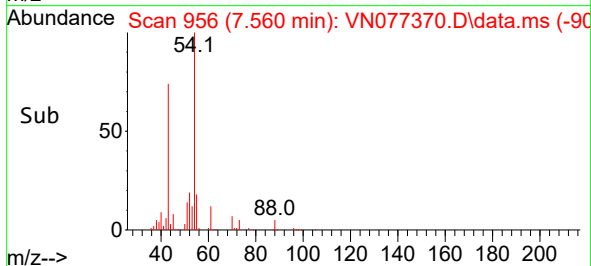
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.2
70	13.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#38

Carbon Tetrachloride

Concen: 22.713 ug/l

RT: 8.366 min Scan# 1093

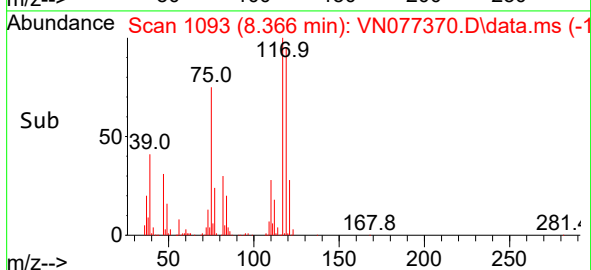
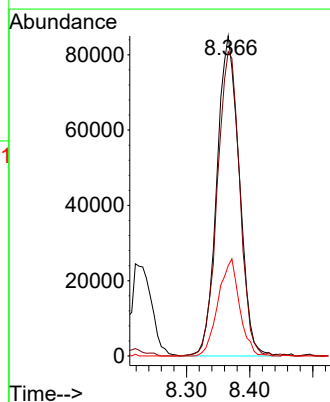
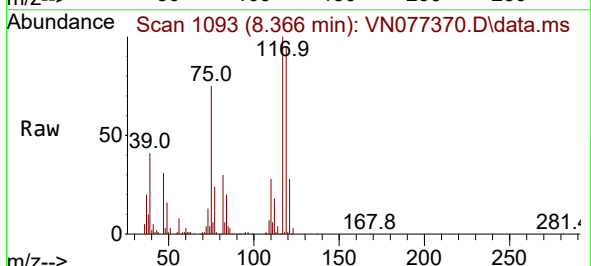
Delta R.T. -0.000 min

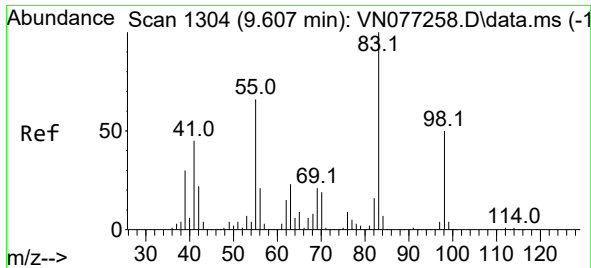
Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Tgt Ion:117 Resp: 209252

Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.5	117.7
121	28.2	26.6	40.0





#39

Methylcyclohexane

Concen: 20.359 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

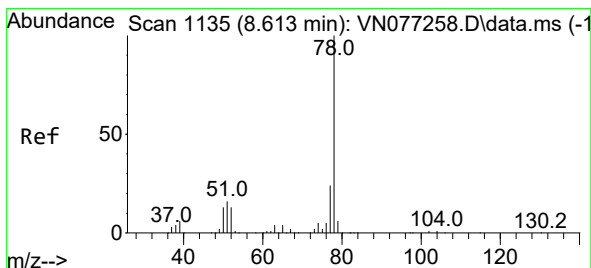
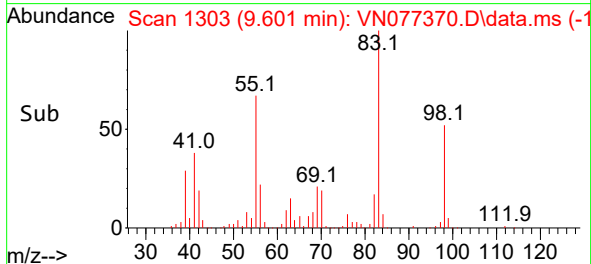
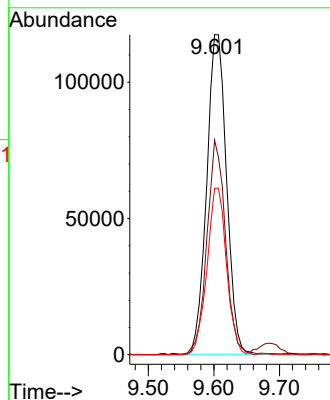
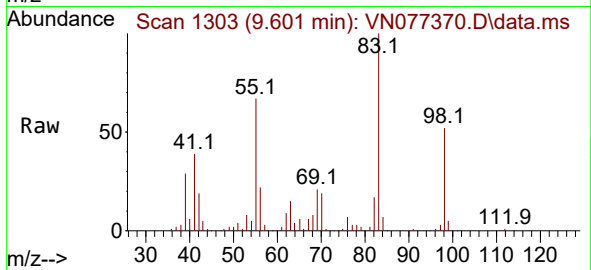
Tgt Ion:	83	Resp:	246850
Ion	Ratio	Lower	Upper
83	100		
55	67.2	52.4	78.6
98	52.1	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 20.519 ug/l

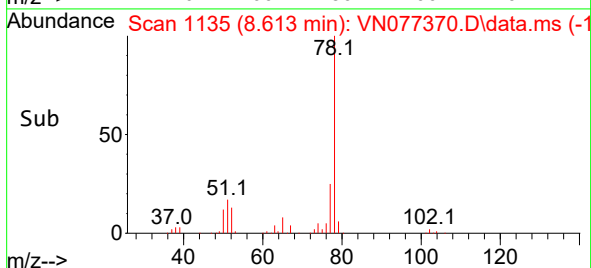
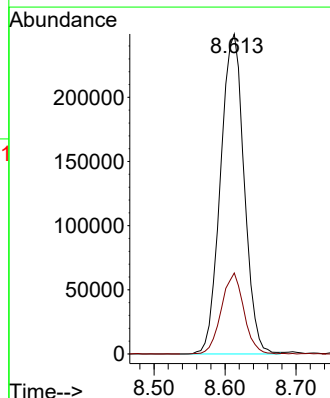
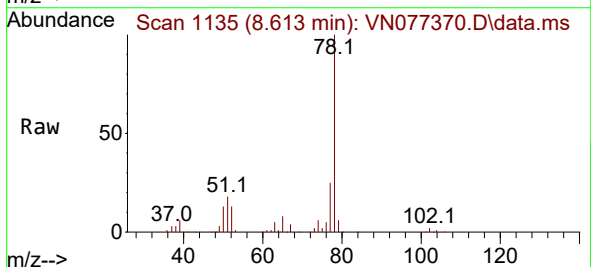
RT: 8.613 min Scan# 1135

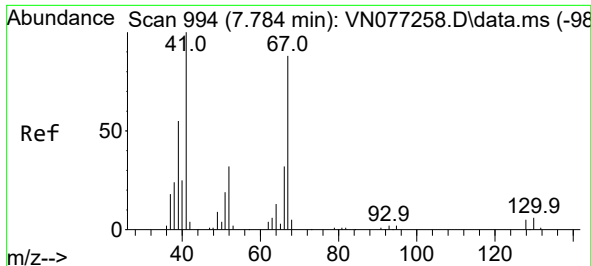
Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

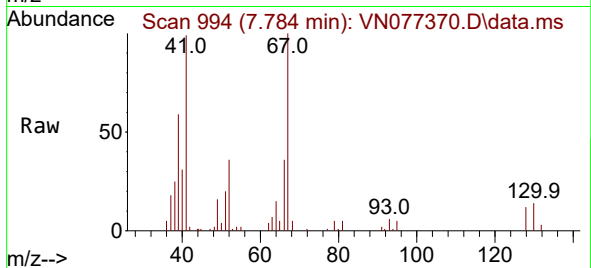
Tgt Ion:	78	Resp:	575523
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.5	29.3





#41
Methacrylonitrile
Concen: 16.241 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

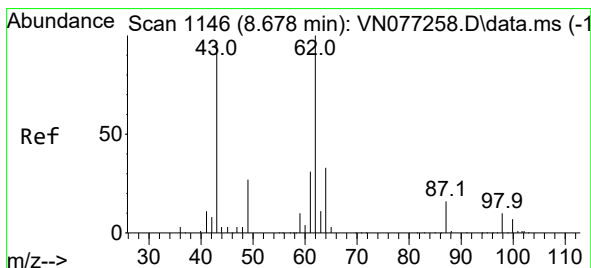
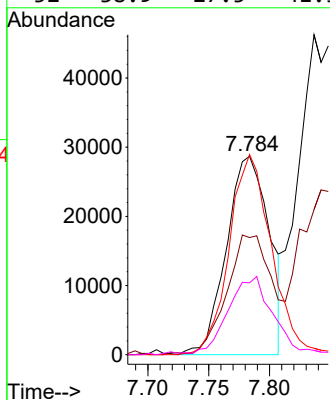
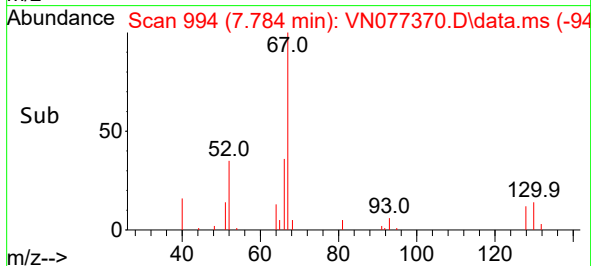
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



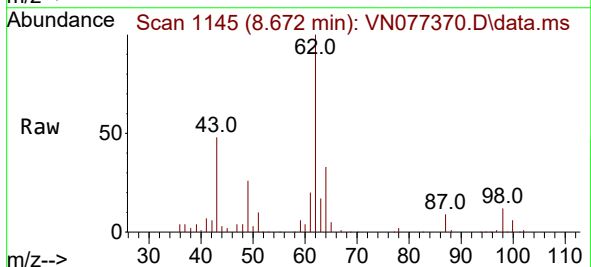
Tgt Ion: 41 Resp: 7023
Ion Ratio Lower Upper
41 100
39 65.1 44.1 66.1
67 99.7 71.4 107.2
52 38.9 27.5 41.3

Manual Integrations
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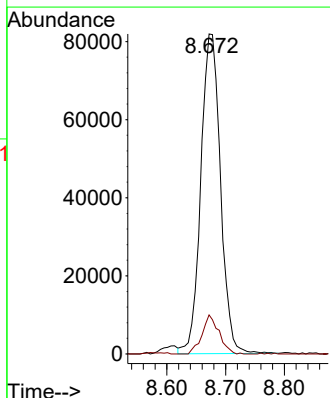
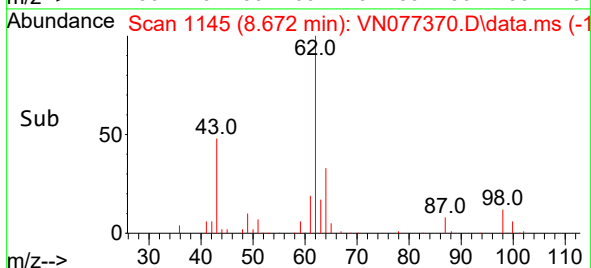
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

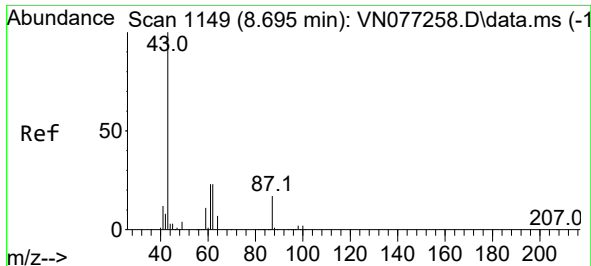


#42
1,2-Dichloroethane
Concen: 22.069 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



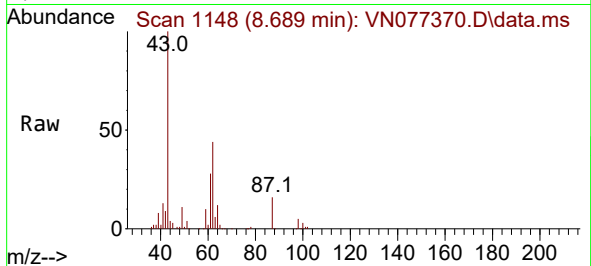
Tgt Ion: 62 Resp: 190510
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43
Isopropyl Acetate
Concen: 17.672 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

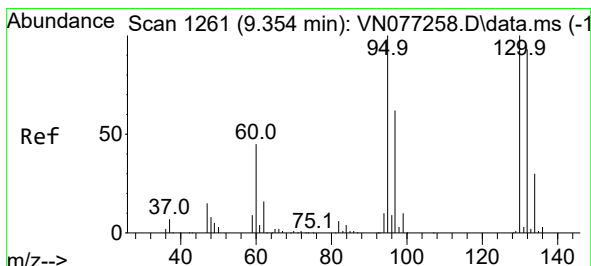
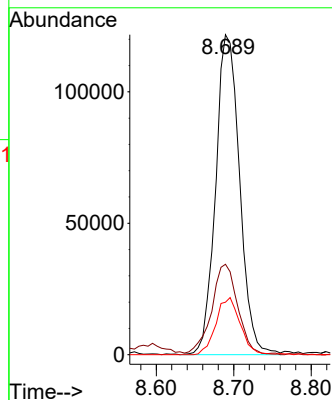
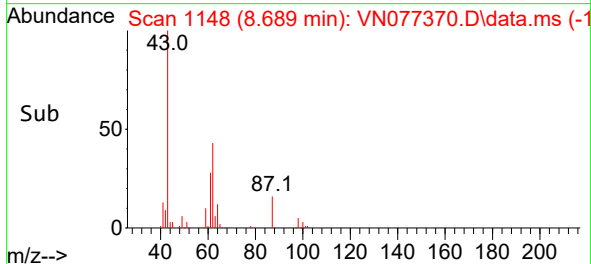
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 43 Resp: 26235
Ion Ratio Lower Upper
43 100
61 30.0 22.7 34.1
87 18.0 13.6 20.4

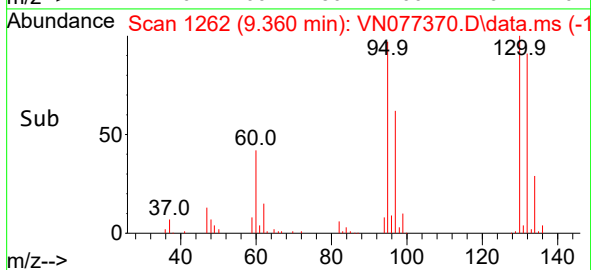
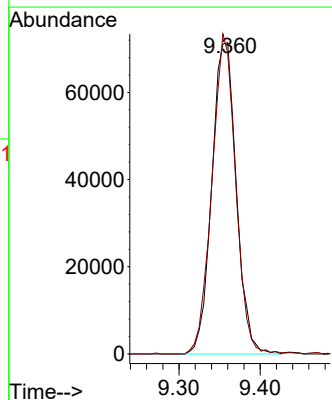
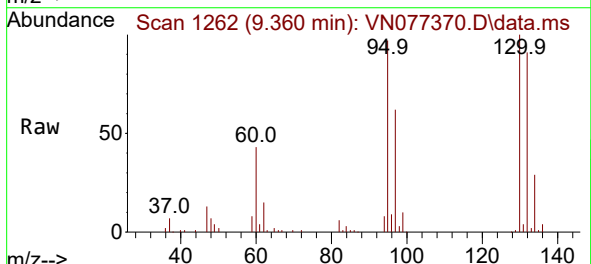
Manual Integrations
APPROVED

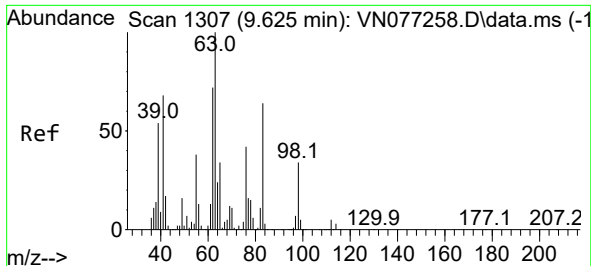
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 22.343 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Tgt Ion:130 Resp: 149945
Ion Ratio Lower Upper
130 100
95 96.8 0.0 200.2





#45

1,2-Dichloropropane

Concen: 21.518 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion: 63 Resp: 143339

Ion Ratio Lower Upper

63 100

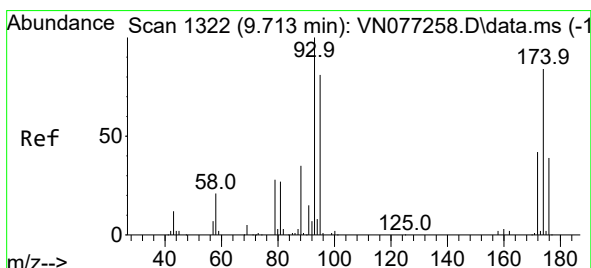
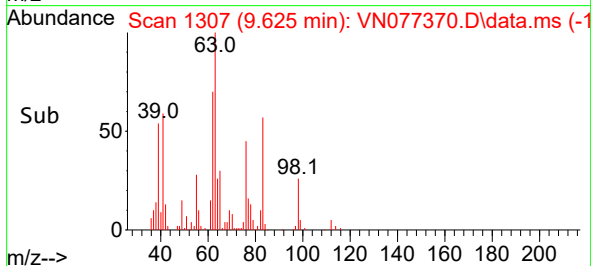
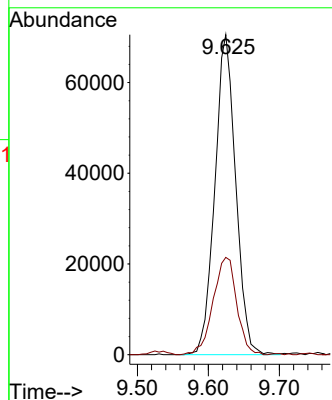
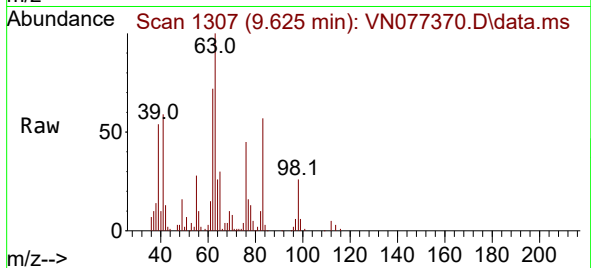
65 30.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 21.152 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

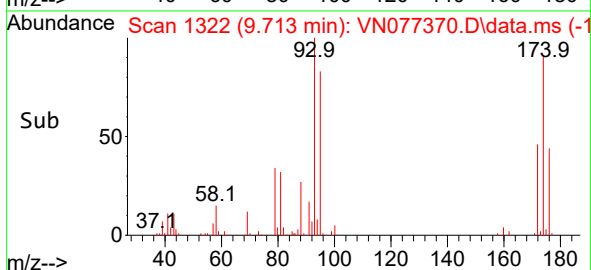
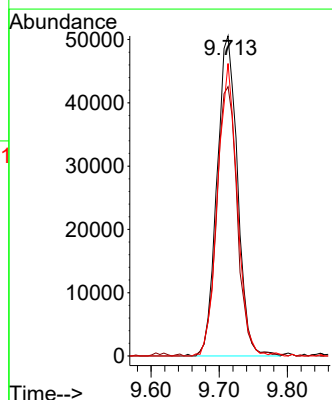
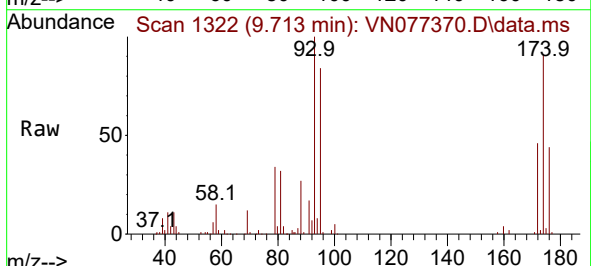
Tgt Ion: 93 Resp: 106159

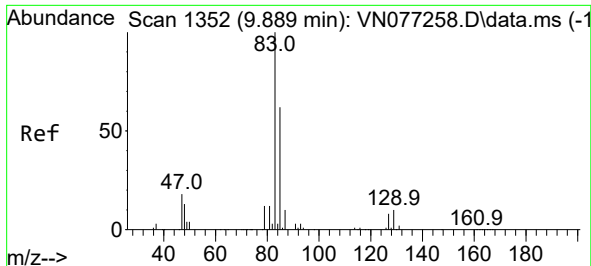
Ion Ratio Lower Upper

93 100

95 84.5 65.8 98.6

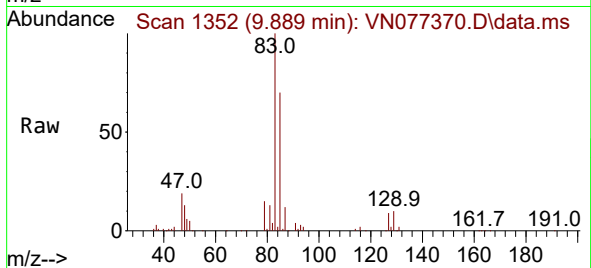
174 87.1 66.0 99.0





#47
Bromodichloromethane
Concen: 21.643 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

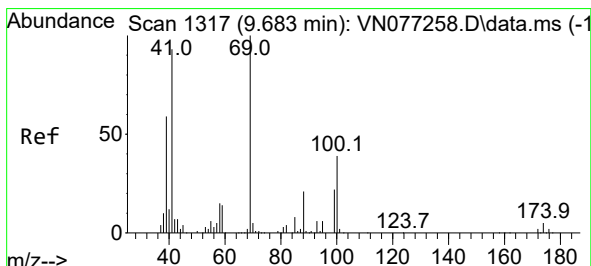
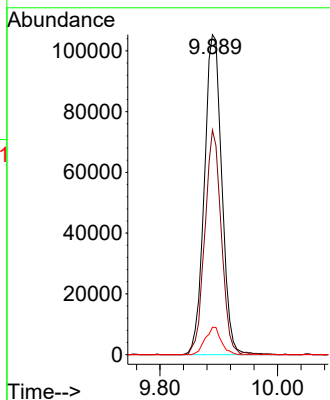
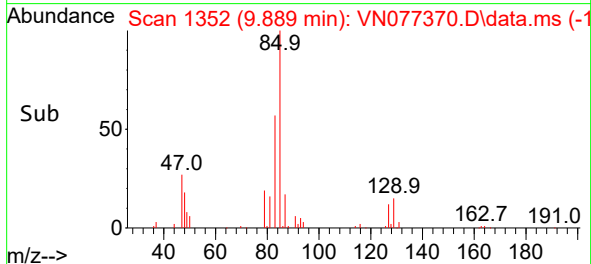
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



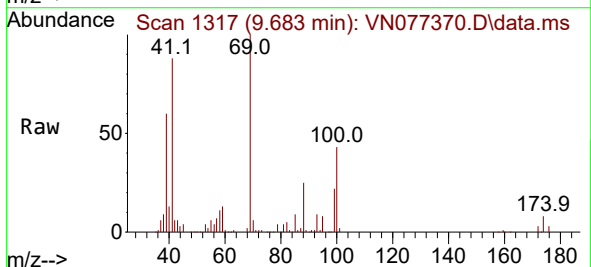
Tgt Ion: 83 Resp: 217114
Ion Ratio Lower Upper
83 100
85 70.2 49.8 74.8
127 8.5 6.2 9.2

Manual Integrations
APPROVED

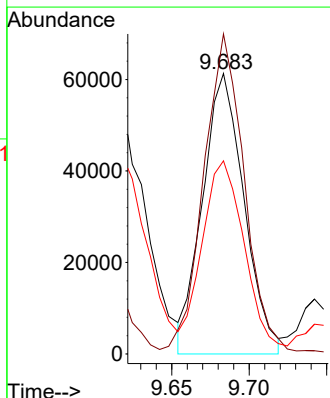
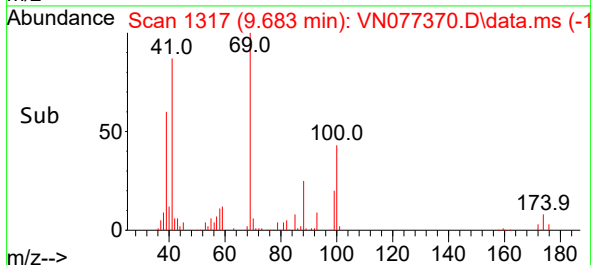
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

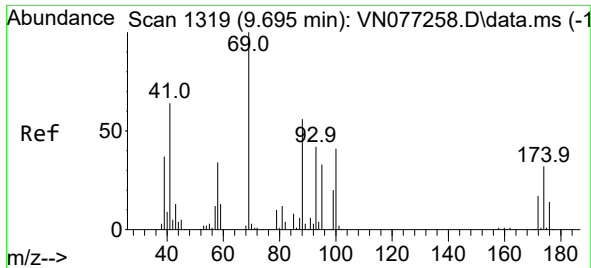


#48
Methyl methacrylate
Concen: 18.012 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



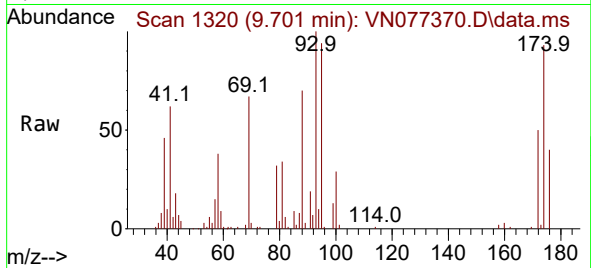
Tgt Ion: 41 Resp: 114072
Ion Ratio Lower Upper
41 100
69 111.8 85.0 127.6
39 71.2 53.5 80.3





#49
1,4-Dioxane
Concen: 352.988 ug/l
RT: 9.701 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

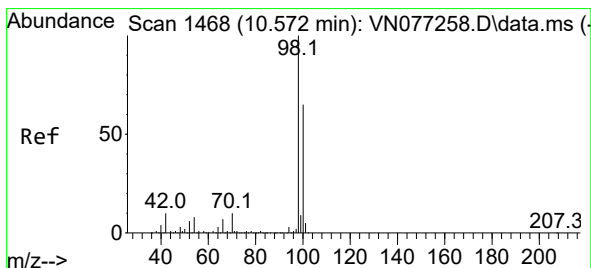
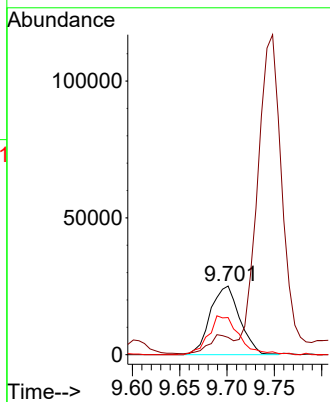
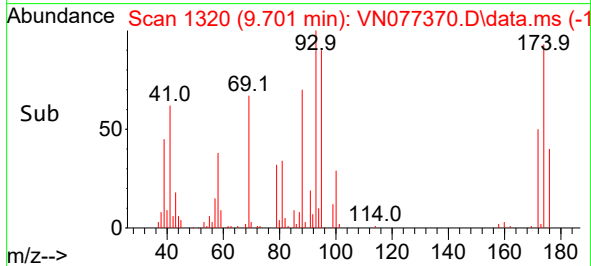
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 88 Resp: 54198
Ion Ratio Lower Upper
88 100
43 21.5 17.0 25.6
58 58.4 49.8 74.6

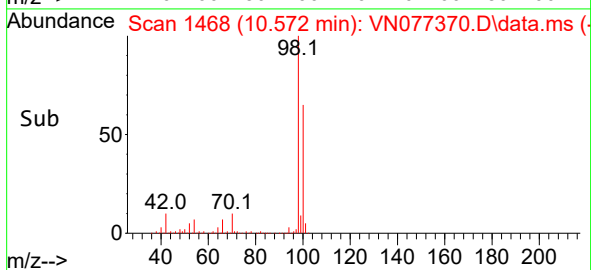
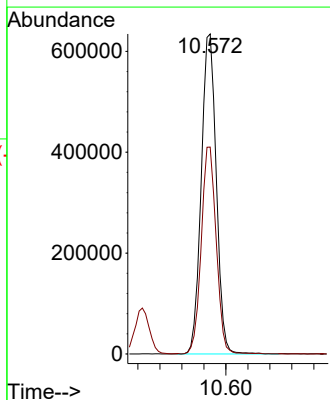
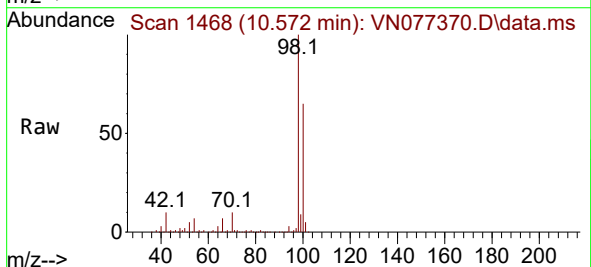
Manual Integrations
APPROVED

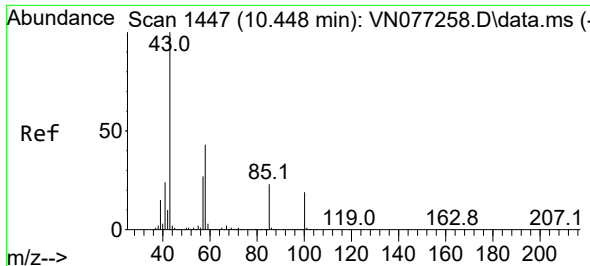
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

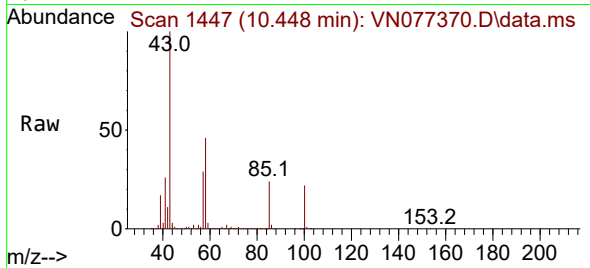
Tgt Ion: 98 Resp: 1204790
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 89.862 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

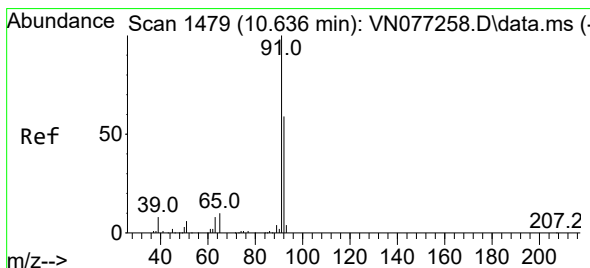
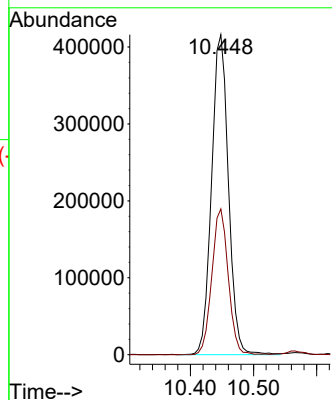
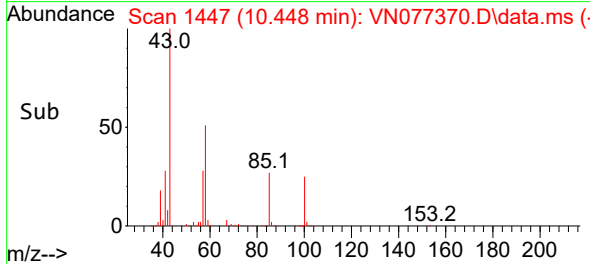
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



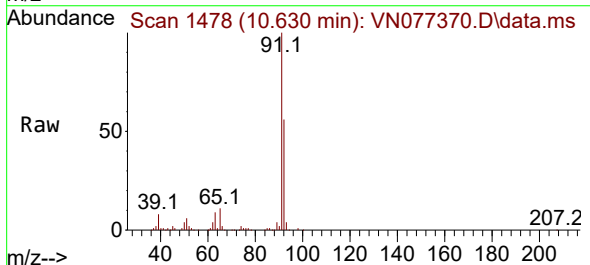
Tgt Ion: 43 Resp: 771111
Ion Ratio Lower Upper
43 100
58 44.3 34.6 52.0

Manual Integrations
APPROVED

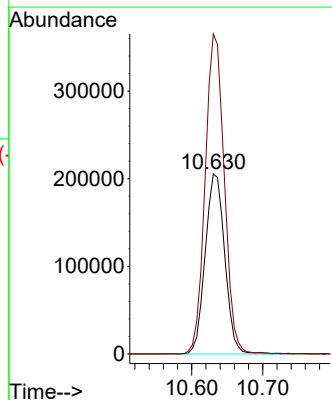
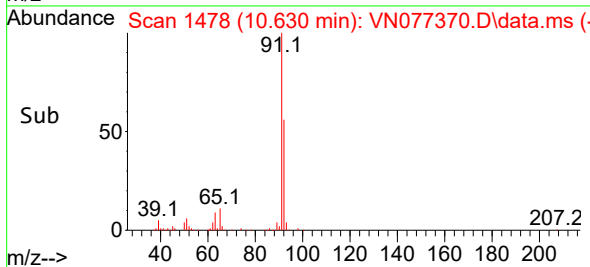
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

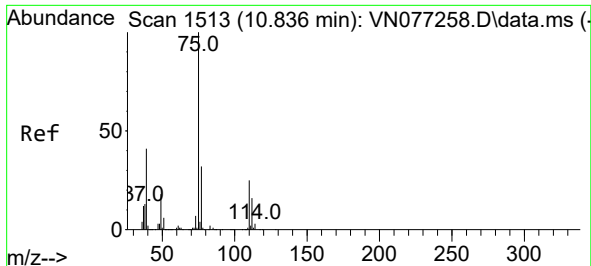


#52
Toluene
Concen: 21.444 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



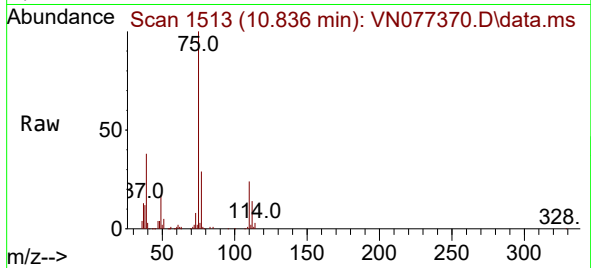
Tgt Ion: 92 Resp: 393675
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 21.385 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

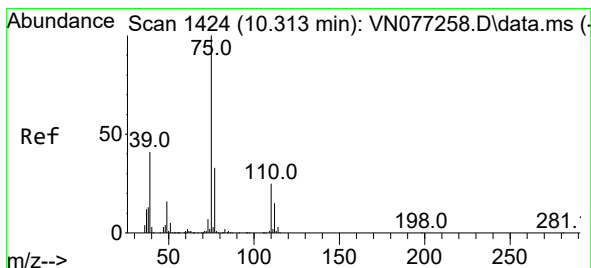
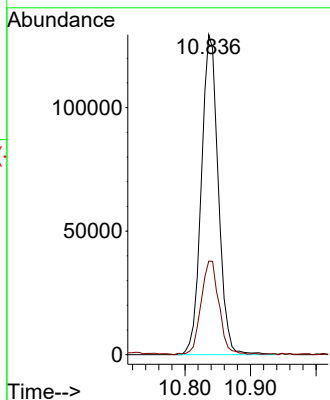
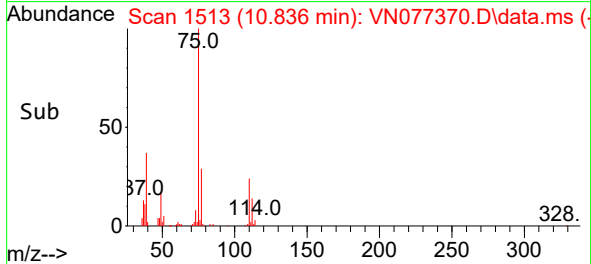
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02



Tgt Ion: 75 Resp: 232940
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.4 38.0

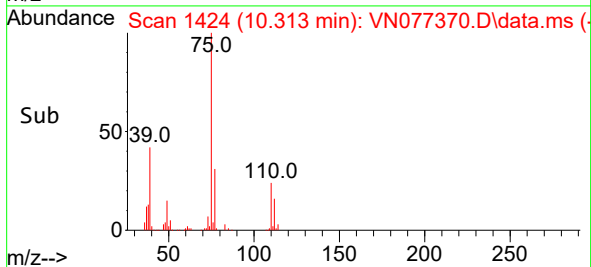
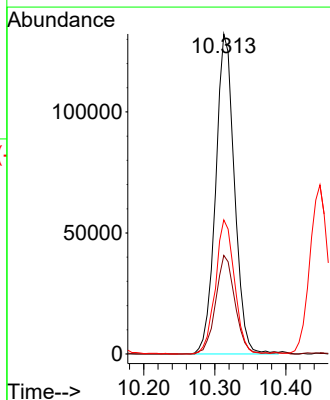
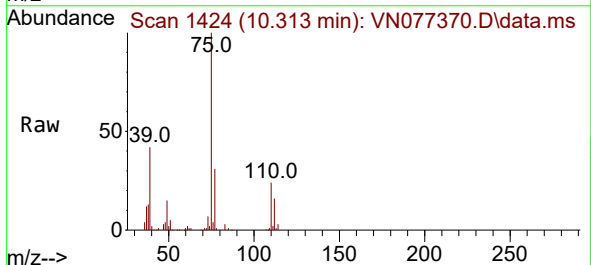
Manual Integrations
 APPROVED

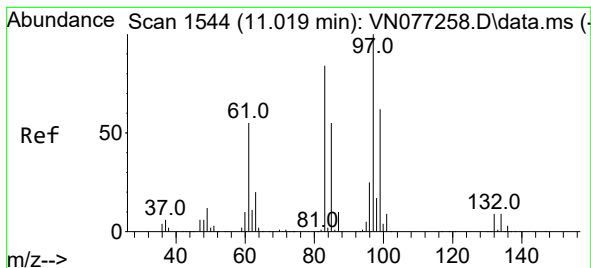
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.920 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

Tgt Ion: 75 Resp: 242728
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.7 40.1
 39 41.9 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 21.893 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077370.D

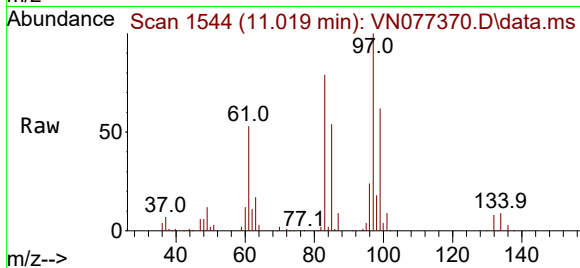
Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02



Tgt Ion: 97 Resp: 15777

Ion Ratio Lower Upper

97 100

83 79.3 67.4 101.2

85 54.5 44.1 66.1

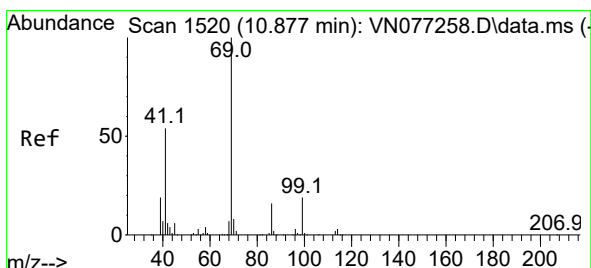
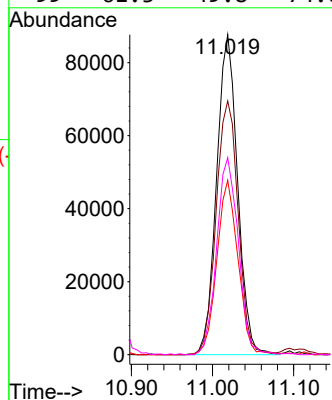
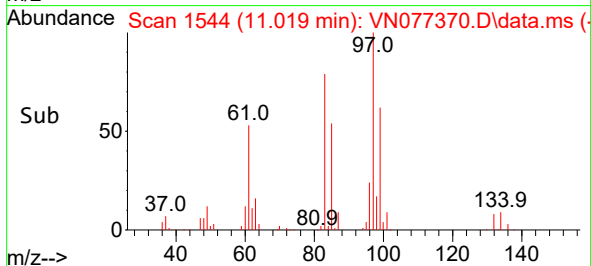
99 61.3 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#56

Ethyl methacrylate

Concen: 20.121 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

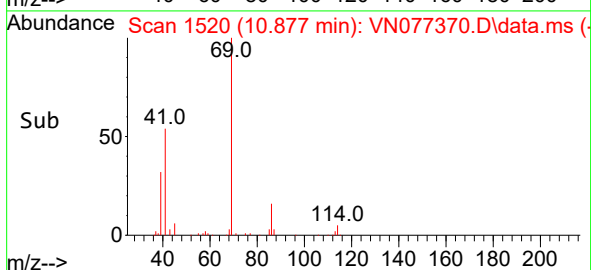
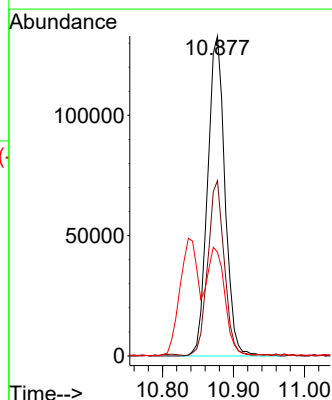
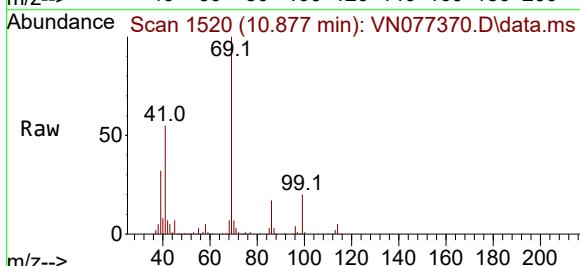
Tgt Ion: 69 Resp: 225857

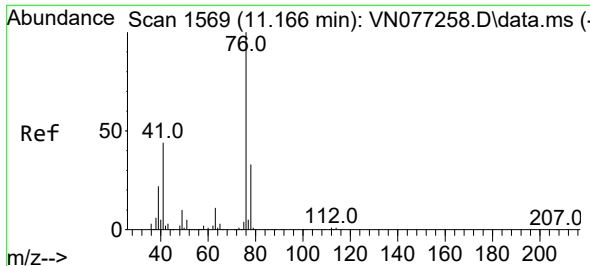
Ion Ratio Lower Upper

69 100

41 52.0 42.8 64.2

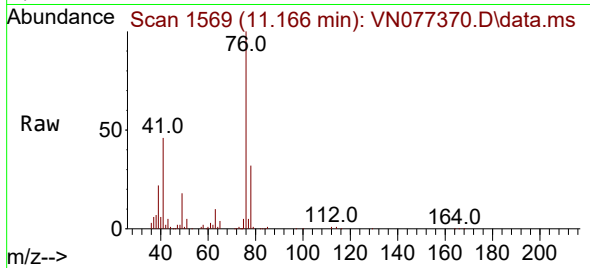
39 36.0 27.0 40.4





#57
1,3-Dichloropropane
Concen: 21.477 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

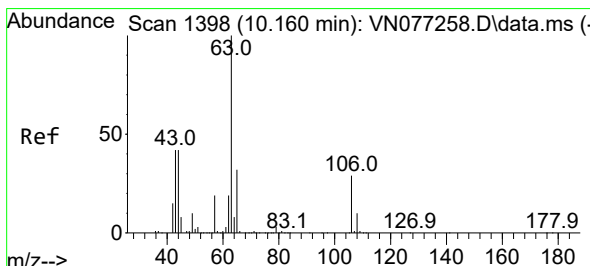
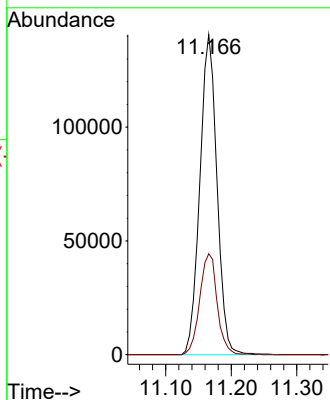
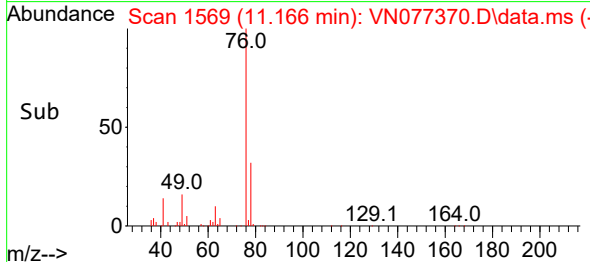
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 76 Resp: 25570
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4

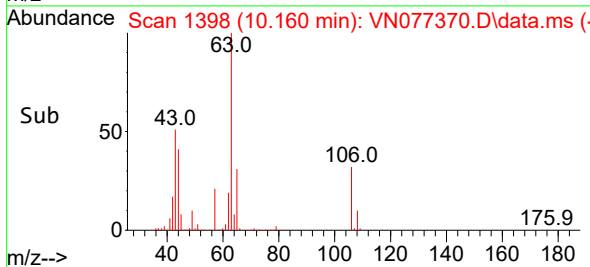
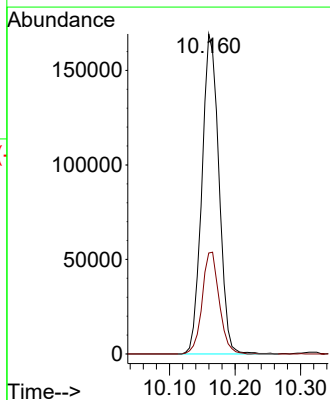
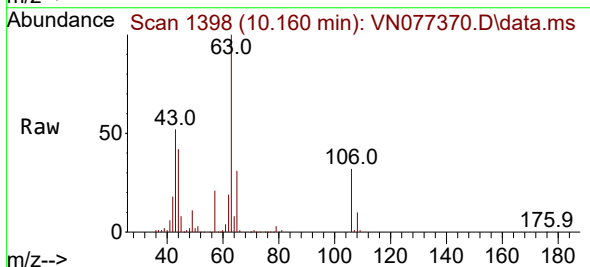
Manual Integrations
APPROVED

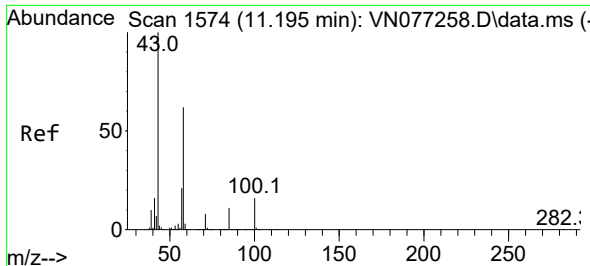
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 91.644 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

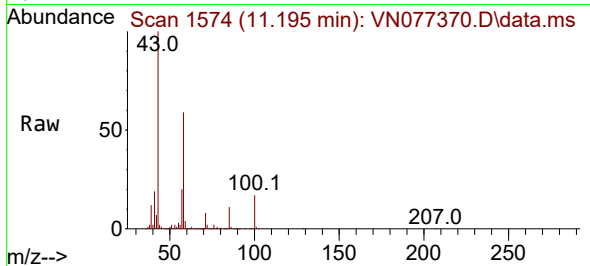
Tgt Ion: 63 Resp: 306217
Ion Ratio Lower Upper
63 100
106 31.8 24.1 36.1





#59
2-Hexanone
Concen: 89.824 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

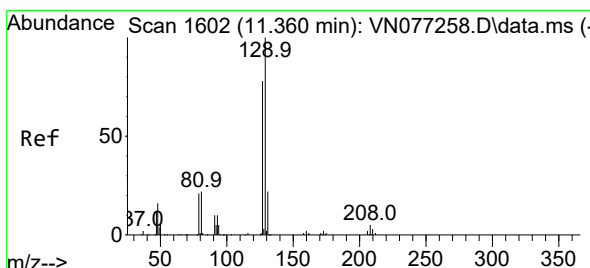
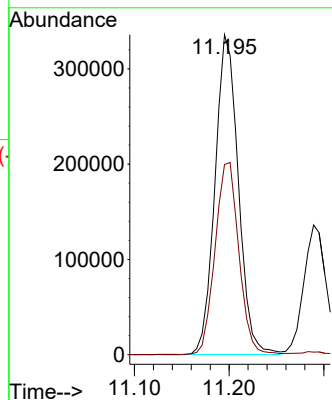
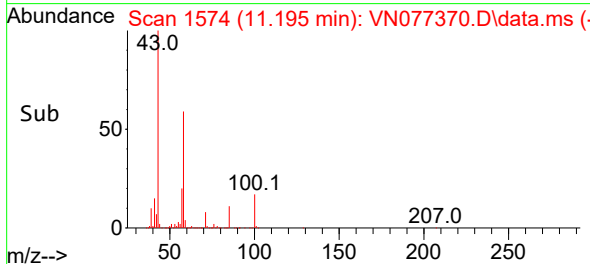
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 43 Resp: 57424
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

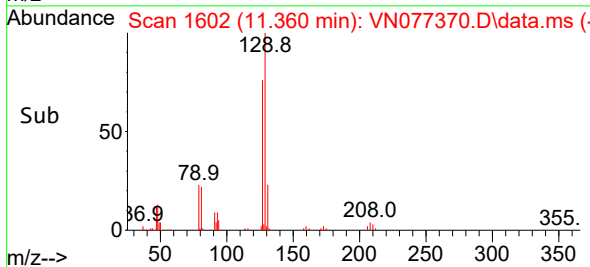
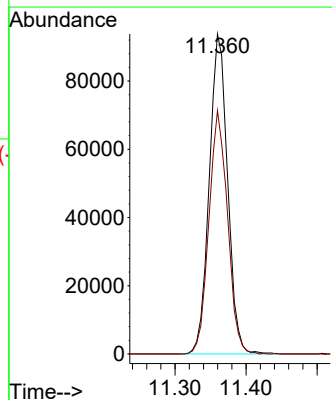
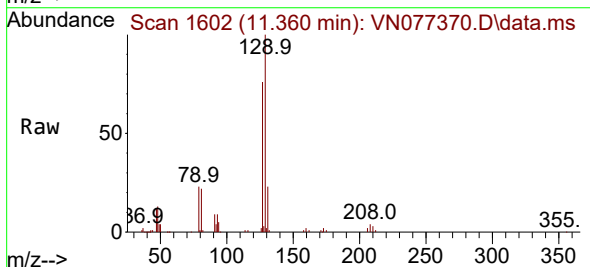
Manual Integrations
APPROVED

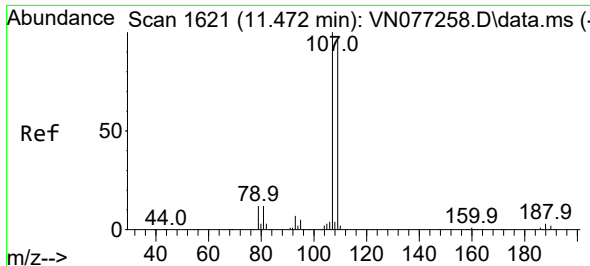
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 22.683 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

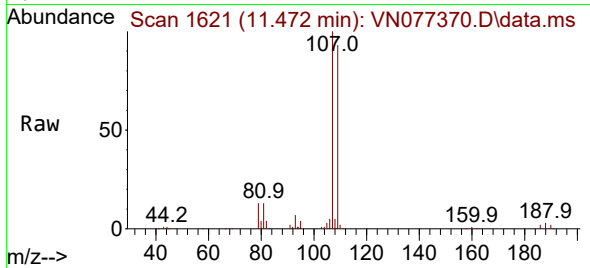
Tgt Ion:129 Resp: 168356
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





#61
1,2-Dibromoethane
Concen: 21.799 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

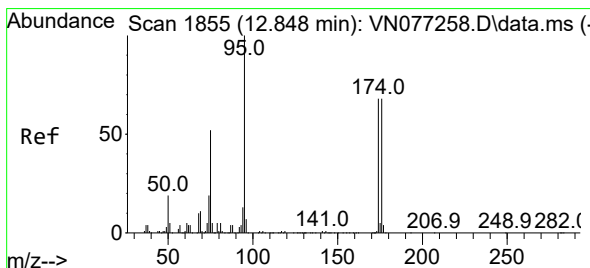
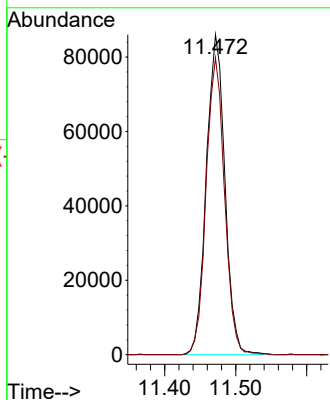
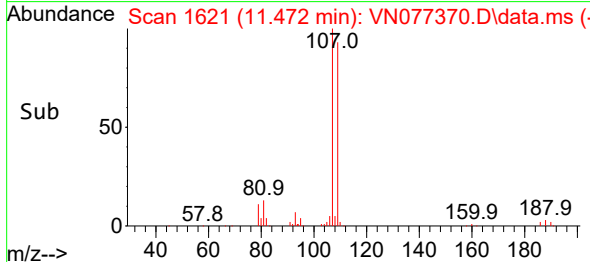
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



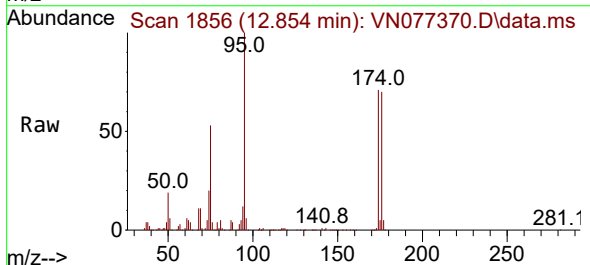
Tgt Ion:107 Resp: 15680
Ion Ratio Lower Upper
107 100
109 91.9 75.2 112.8

Manual Integrations
APPROVED

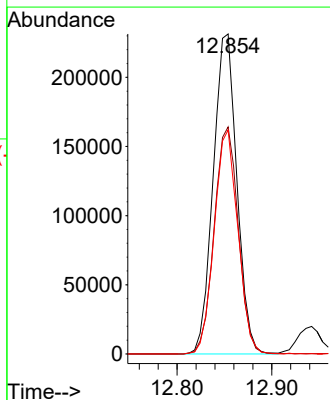
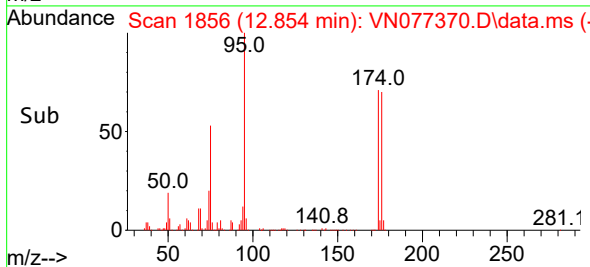
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

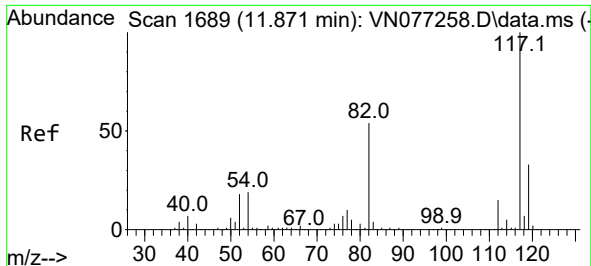


#62
4-Bromofluorobenzene
Concen: 49.365 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



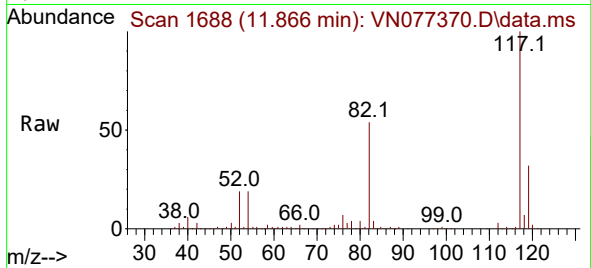
Tgt Ion: 95 Resp: 401842
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.8
176 69.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

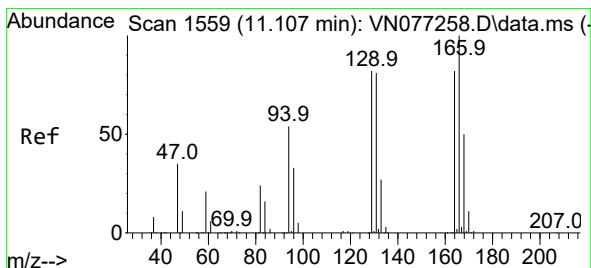
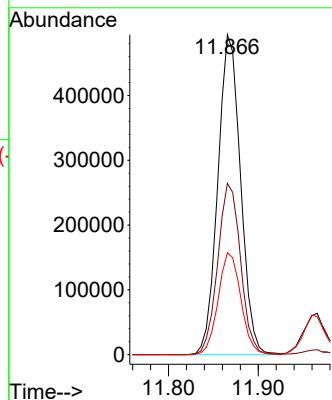
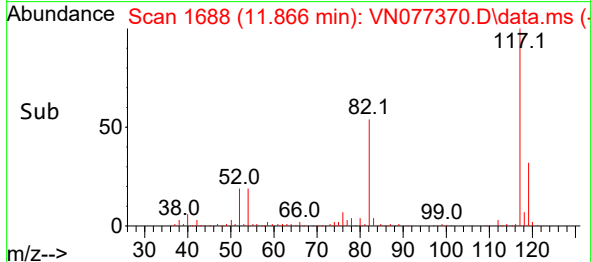
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion:117 Resp: 86810
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 31.8 26.2 39.4

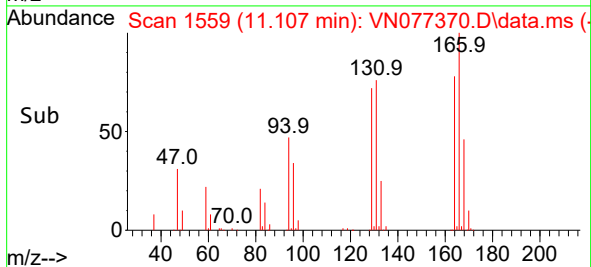
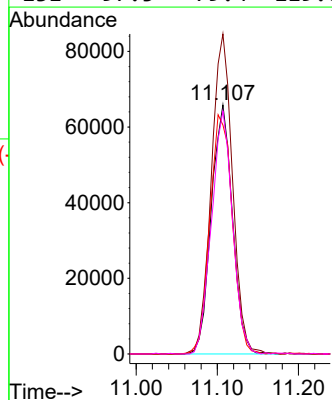
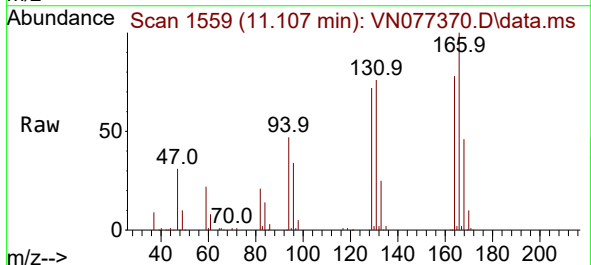
Manual Integrations
APPROVED

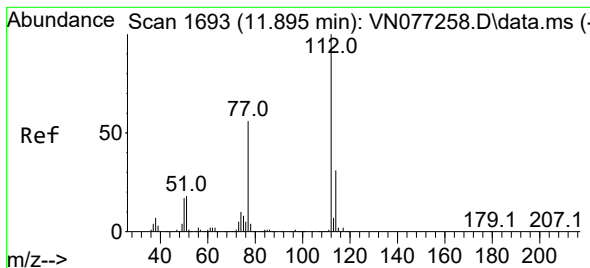
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 22.302 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

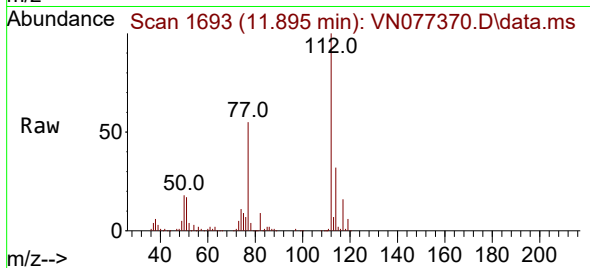
Tgt Ion:164 Resp: 119603
Ion Ratio Lower Upper
164 100
166 128.5 97.8 146.6
129 92.0 80.1 120.1
131 97.5 79.4 119.0





#65
Chlorobenzene
Concen: 21.943 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

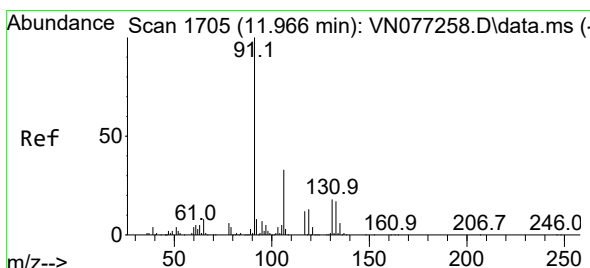
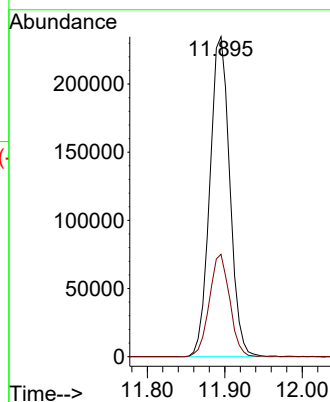
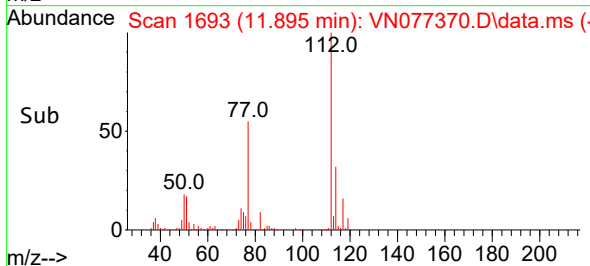
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



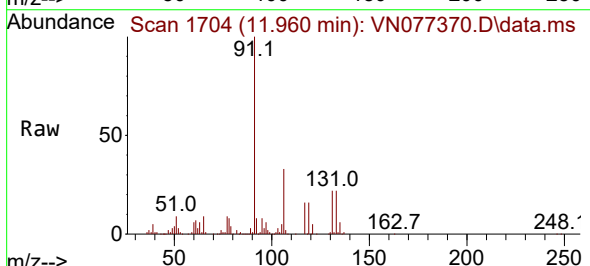
Tgt Ion:112 Resp: 41938
Ion Ratio Lower Upper
112 100
114 32.0 24.6 36.8

Manual Integrations
APPROVED

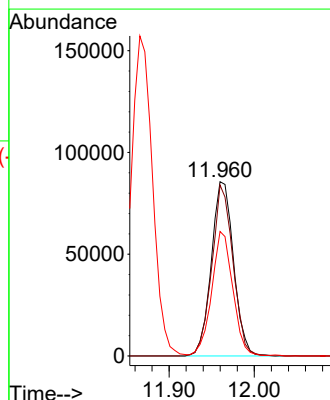
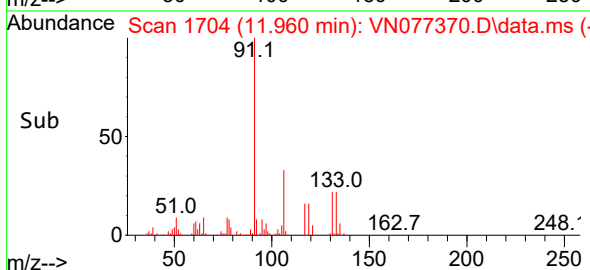
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

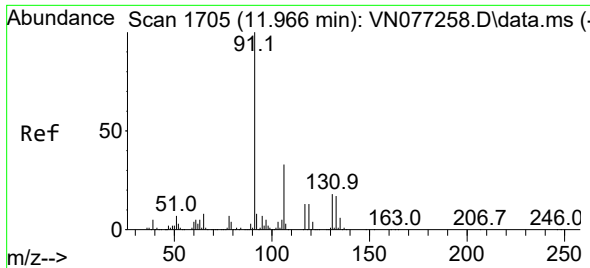


#66
1,1,1,2-Tetrachloroethane
Concen: 21.428 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



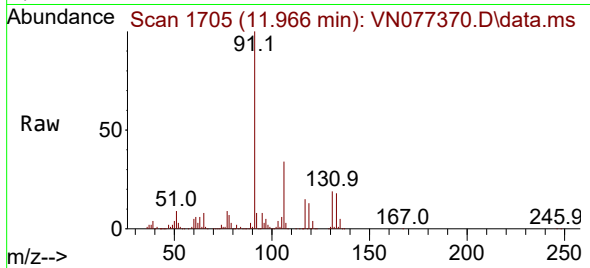
Tgt Ion:131 Resp: 154957
Ion Ratio Lower Upper
131 100
133 93.7 46.9 140.6
119 67.2 34.0 102.0





#67
Ethyl Benzene
Concen: 21.435 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

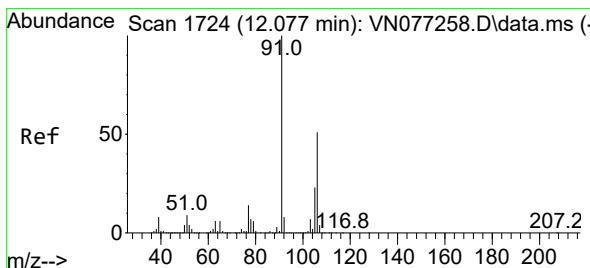
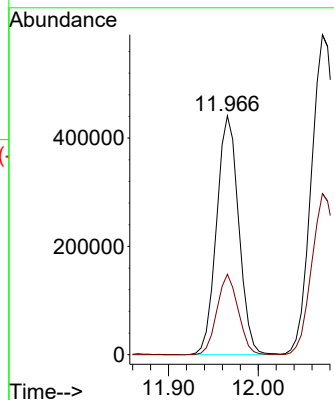
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 91 Resp: 755960
Ion Ratio Lower Upper
91 100
106 33.7 26.2 39.2

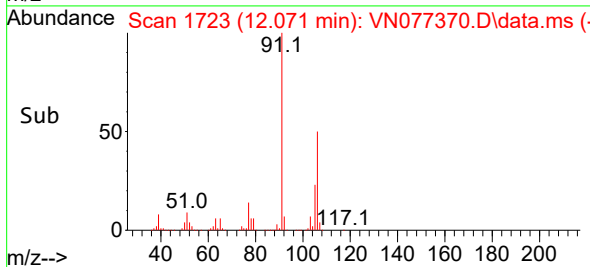
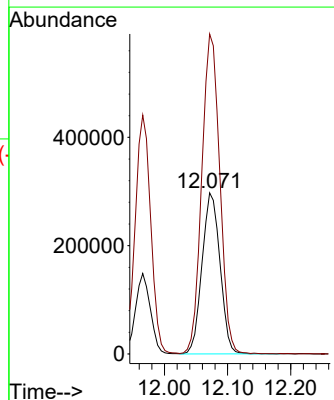
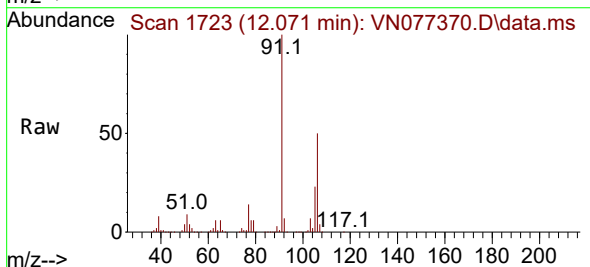
Manual Integrations
APPROVED

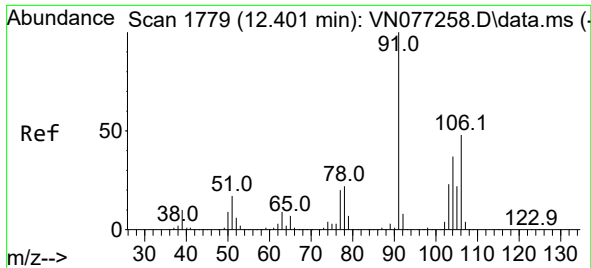
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#68
m/p-Xylenes
Concen: 42.344 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

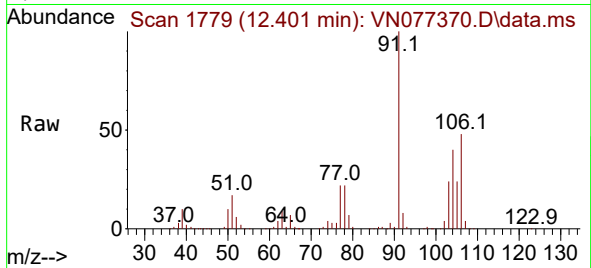
Tgt Ion:106 Resp: 586791
Ion Ratio Lower Upper
106 100
91 198.9 158.7 238.1





#69
o-Xylene
Concen: 21.284 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

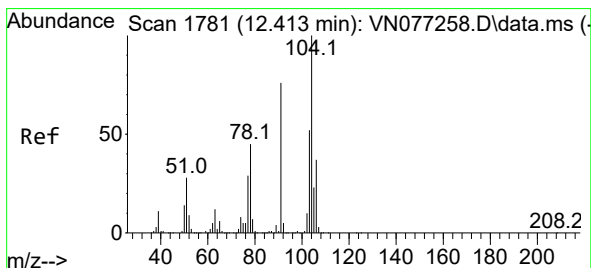
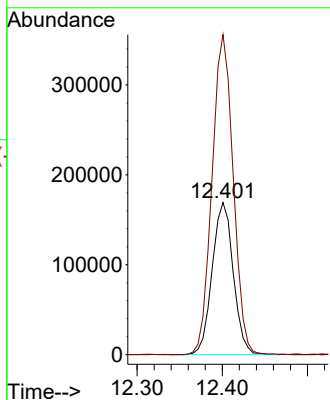
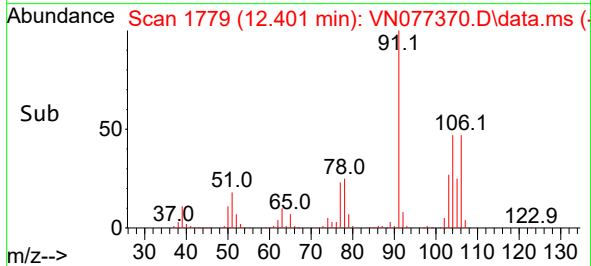
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



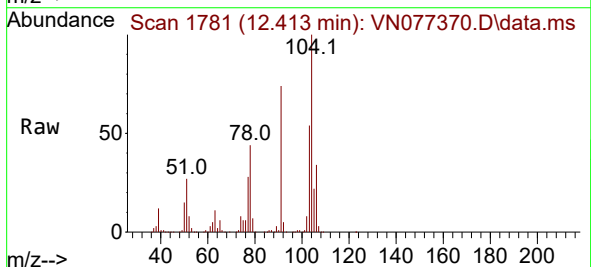
Tgt Ion:106 Resp: 290970
Ion Ratio Lower Upper
106 100
91 211.5 104.0 312.0

Manual Integrations
APPROVED

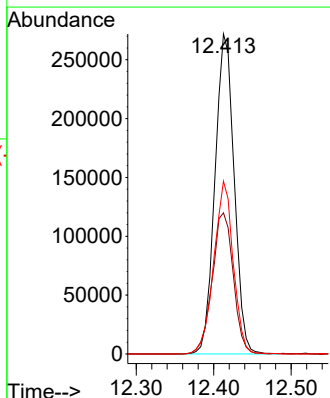
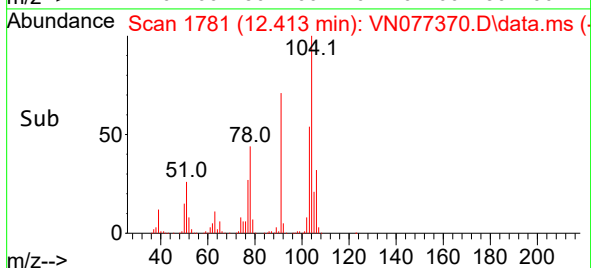
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

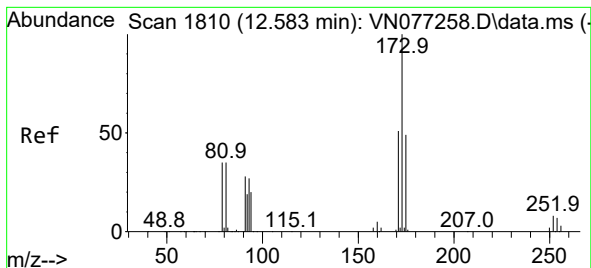


#70
Styrene
Concen: 21.283 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



Tgt Ion:104 Resp: 468221
Ion Ratio Lower Upper
104 100
78 48.3 38.0 57.0
103 54.6 43.1 64.7





#71

Bromoform

Concen: 21.113 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

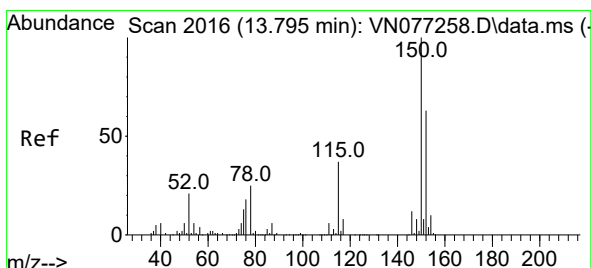
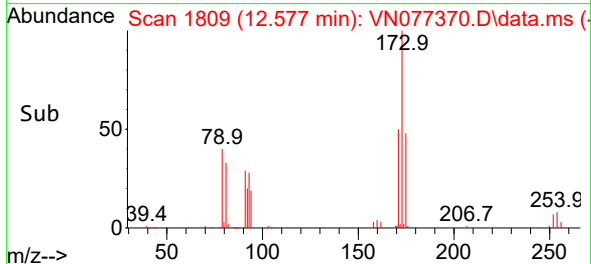
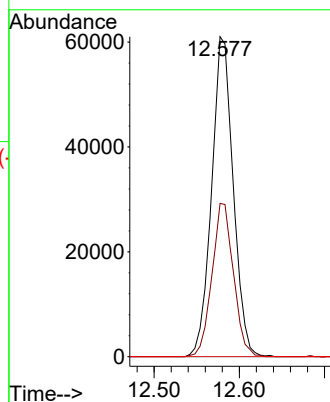
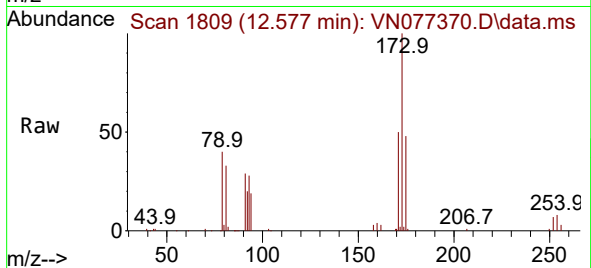
Tgt Ion:173 Resp: 107479
 Ion Ratio Lower Upper
 173 100
 175 47.6 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

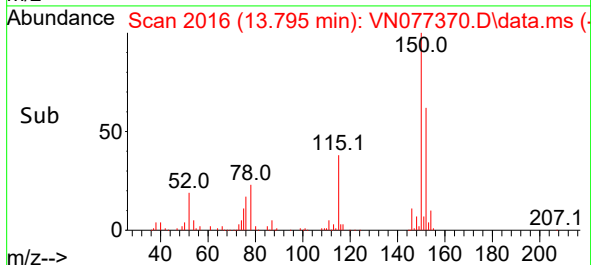
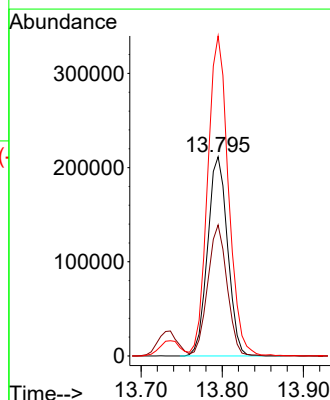
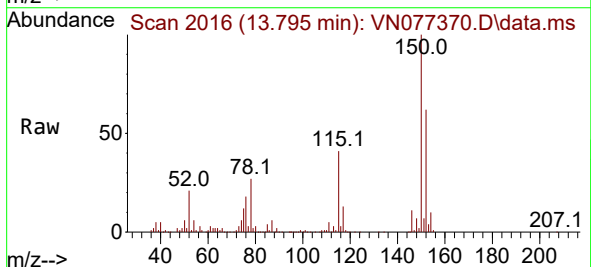
RT: 13.795 min Scan# 2016

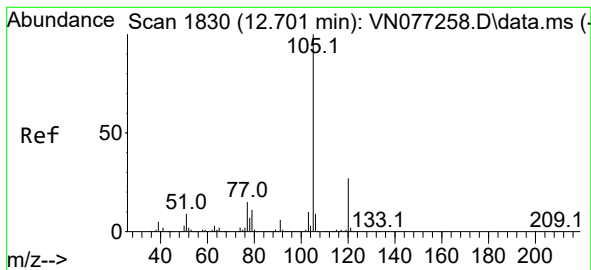
Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Tgt Ion:152 Resp: 360812
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.1 96.3
 150 167.3 0.0 354.8





#73

Isopropylbenzene

Concen: 21.882 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion:105 Resp: 766850

Ion Ratio Lower Upper

105 100

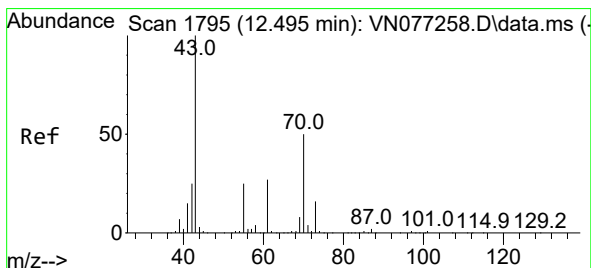
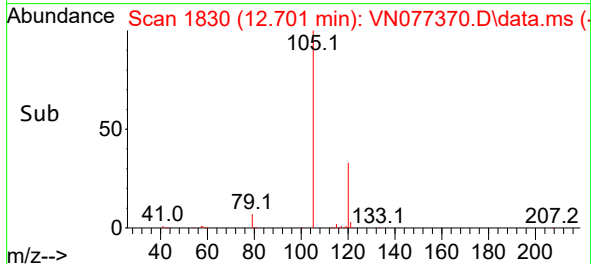
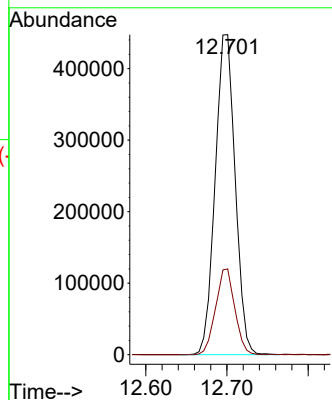
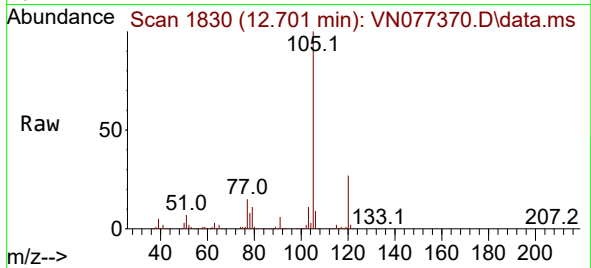
120 25.7 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#74

N-ethyl acetate

Concen: 17.012 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Tgt Ion: 43 Resp: 225933

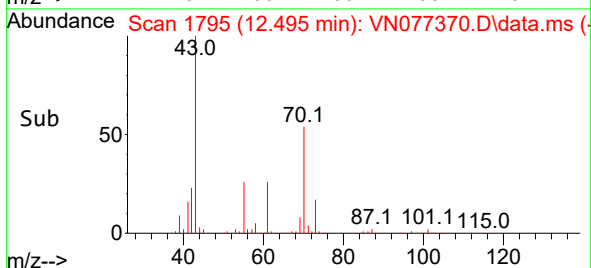
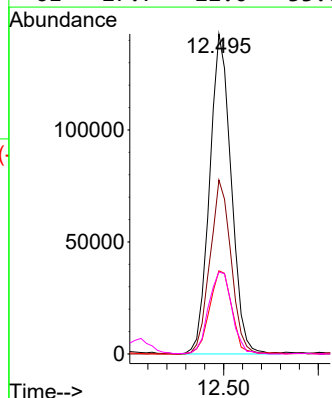
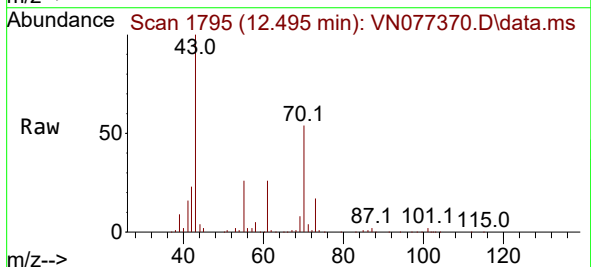
Ion Ratio Lower Upper

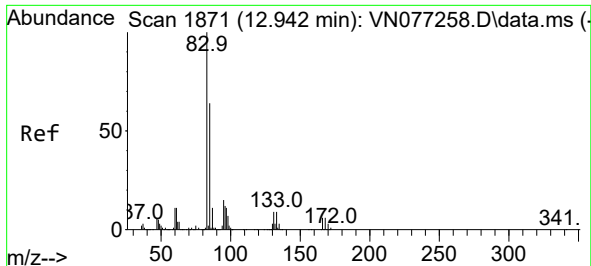
43 100

70 53.3 41.0 61.6

55 26.8 19.3 28.9

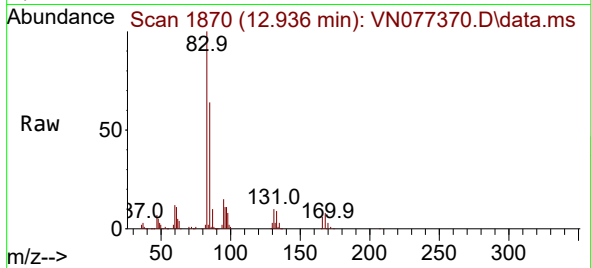
61 27.7 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.079 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

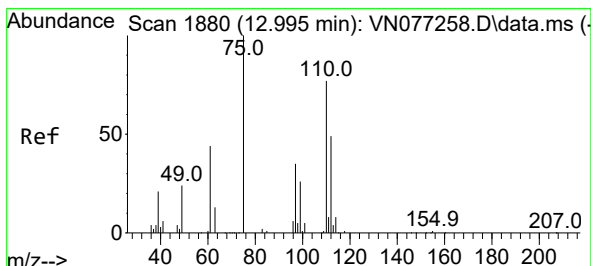
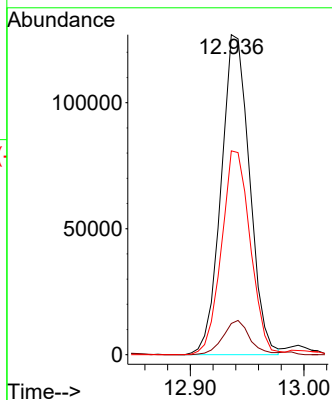
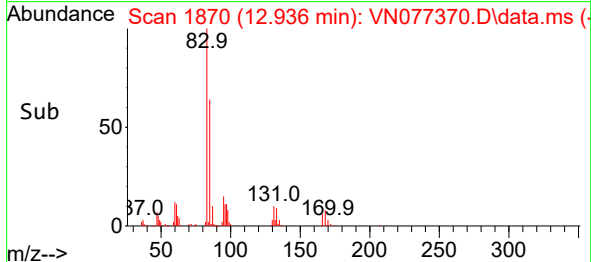
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 83 Resp: 22083
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.6
85 64.5 32.1 96.3

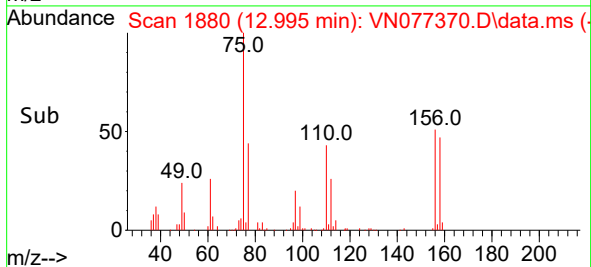
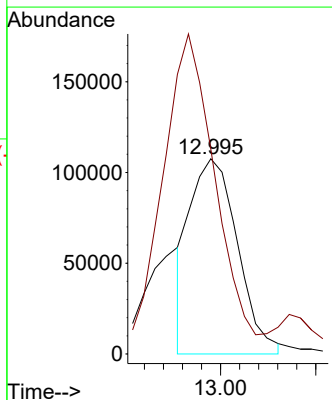
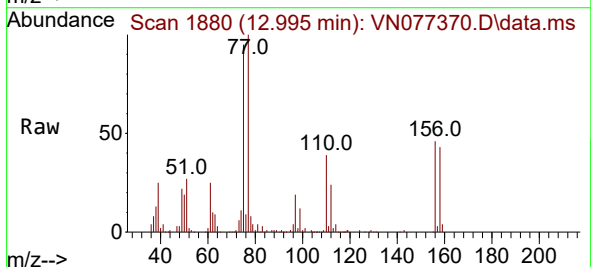
Manual Integrations
APPROVED

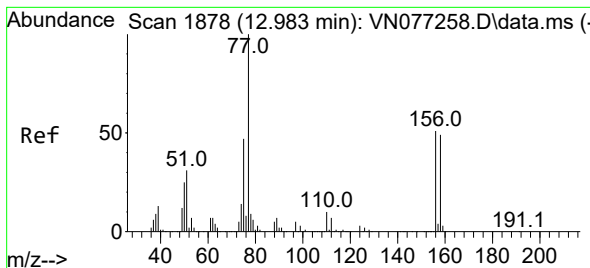
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 21.772 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Tgt Ion: 75 Resp: 187066
Ion Ratio Lower Upper
75 100
77 182.6 88.3 264.9





#77

Bromobenzene

Concen: 22.818 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

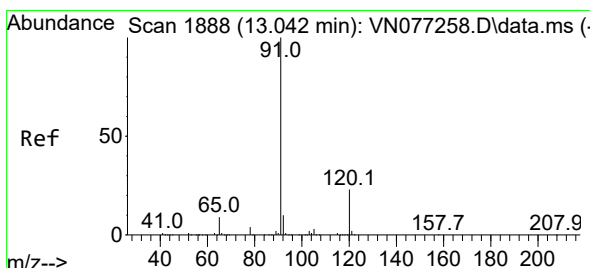
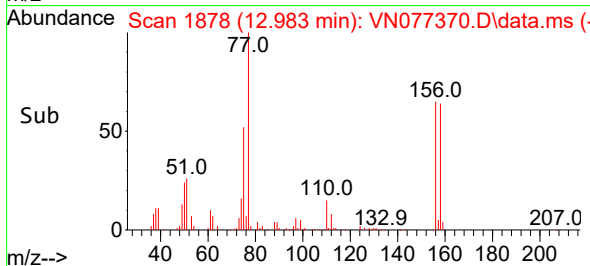
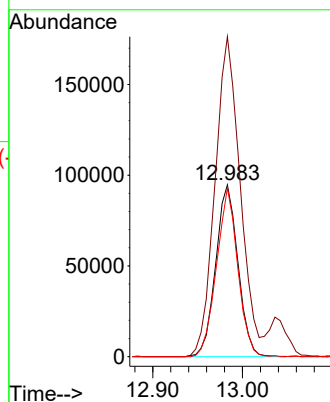
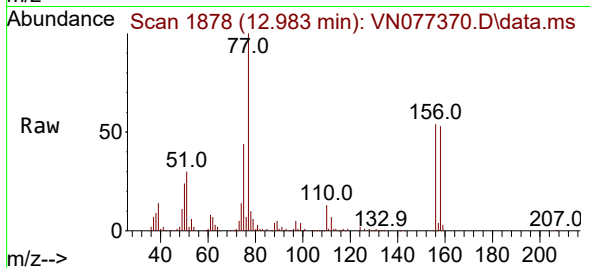
Tgt Ion:156 Resp: 162598
 Ion Ratio Lower Upper
 156 100
 77 210.0 115.3 345.8
 158 94.1 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#78

n-propylbenzene

Concen: 21.943 ug/l

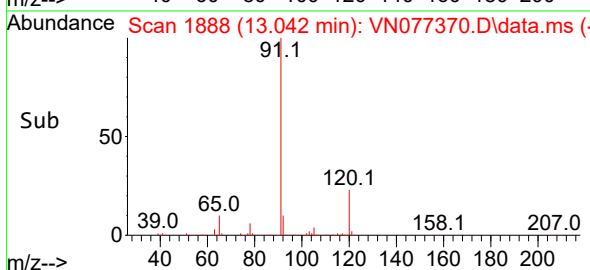
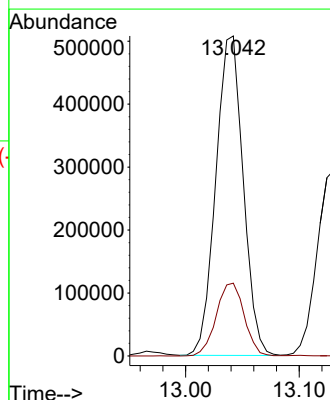
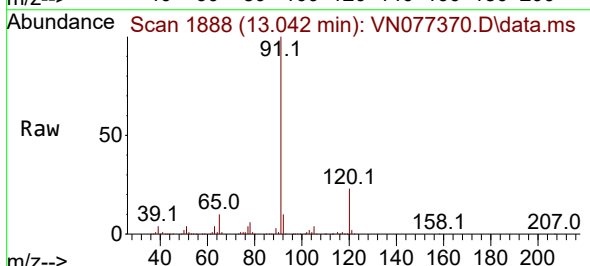
RT: 13.042 min Scan# 1888

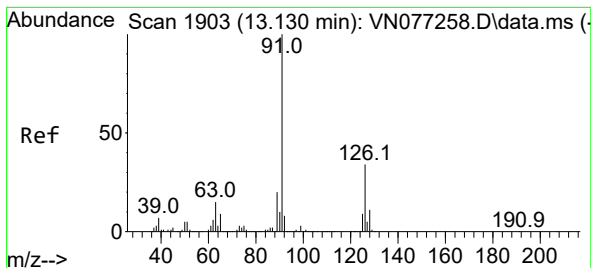
Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

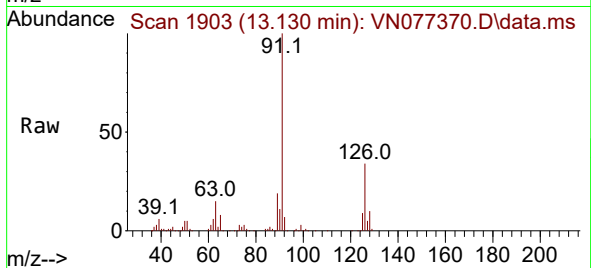
Tgt Ion: 91 Resp: 849671
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.5 34.5





#79
2-Chlorotoluene
Concen: 21.775 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

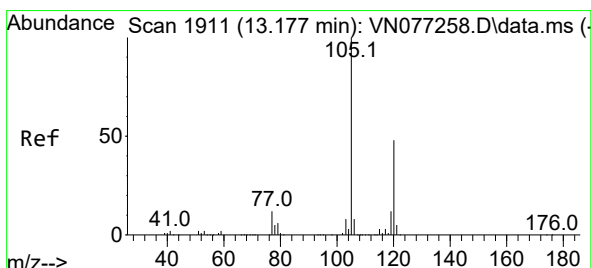
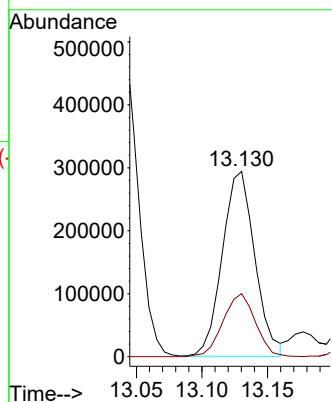
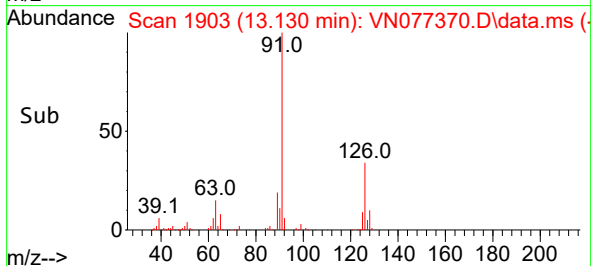
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



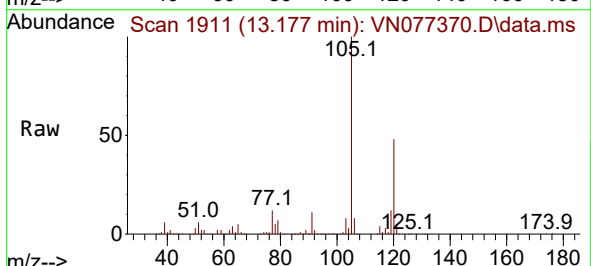
Tgt Ion: 91 Resp: 507709
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

Manual Integrations
APPROVED

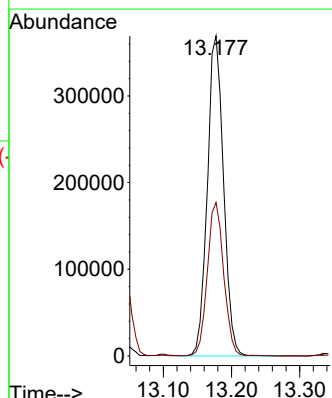
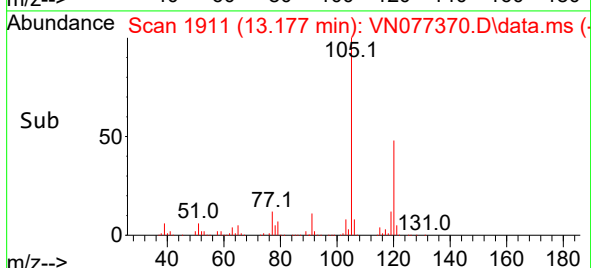
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

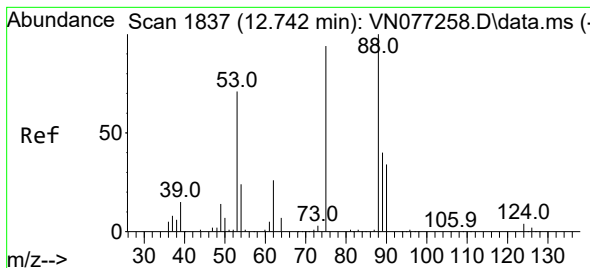


#80
1,3,5-Trimethylbenzene
Concen: 21.800 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



Tgt Ion:105 Resp: 610198
Ion Ratio Lower Upper
105 100
120 48.5 24.3 73.0





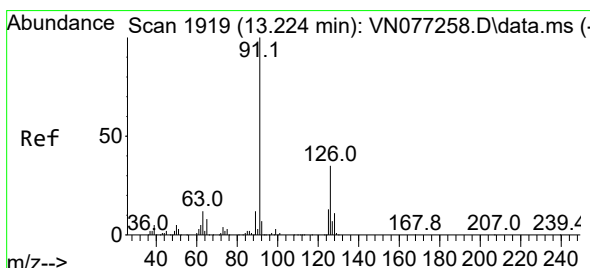
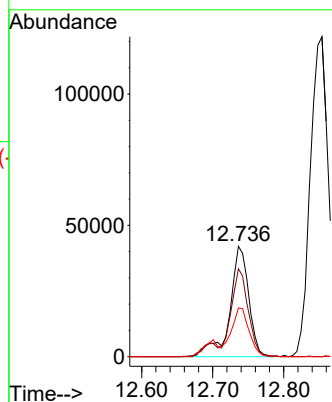
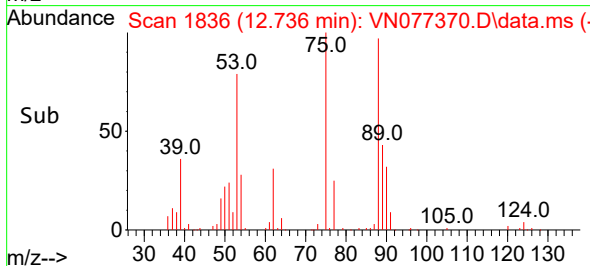
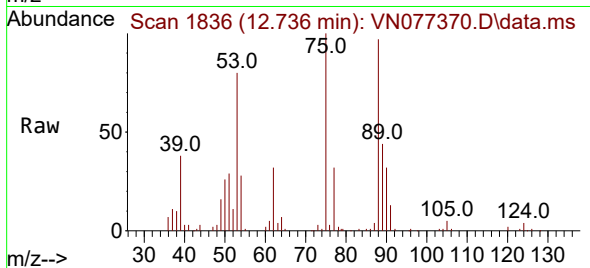
#81
trans-1,4-Dichloro-2-butene
Concen: 20.586 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02

Tgt Ion: 75 Resp: 78600
Ion Ratio Lower Upper
75 100
53 69.2 72.8 109.2
89 40.8 37.4 56.2

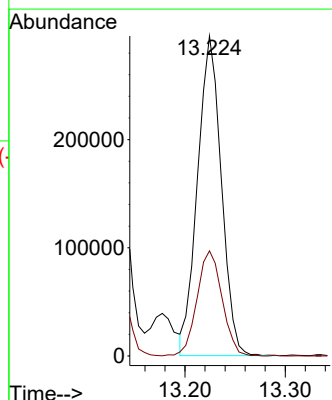
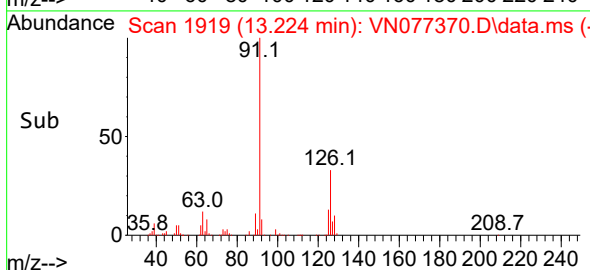
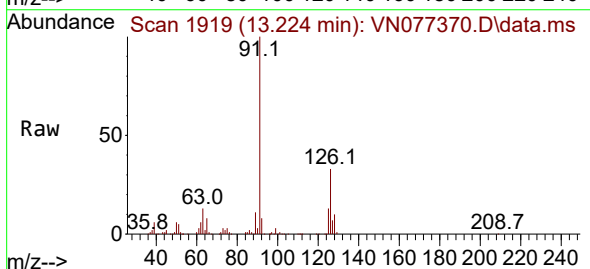
Manual Integrations
APPROVED

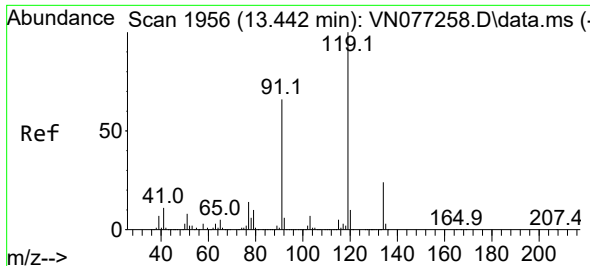
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 22.131 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

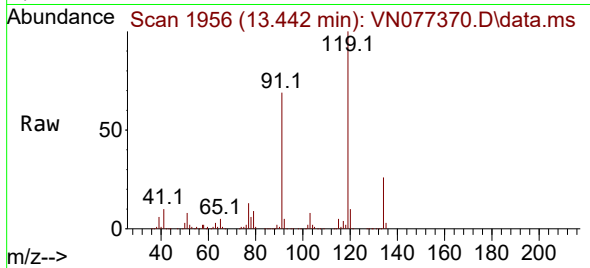
Tgt Ion: 91 Resp: 486518
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 21.480 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

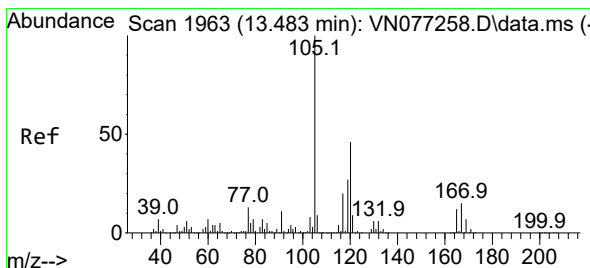
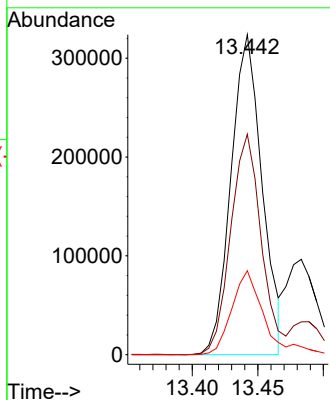
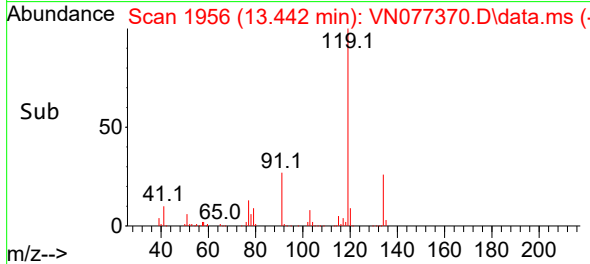
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



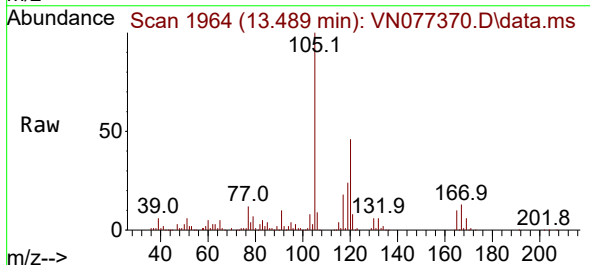
Tgt Ion:119 Resp: 53516
Ion Ratio Lower Upper
119 100
91 68.0 33.5 100.4
134 27.2 13.3 39.9

Manual Integrations
APPROVED

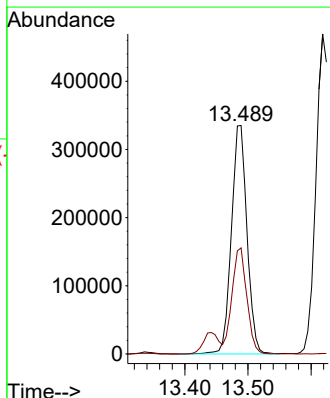
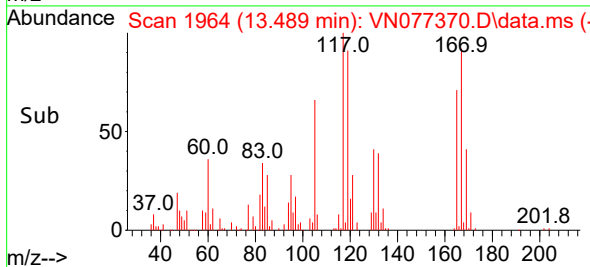
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

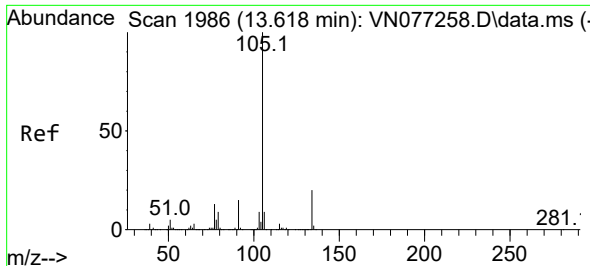


#84
1,2,4-Trimethylbenzene
Concen: 20.749 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



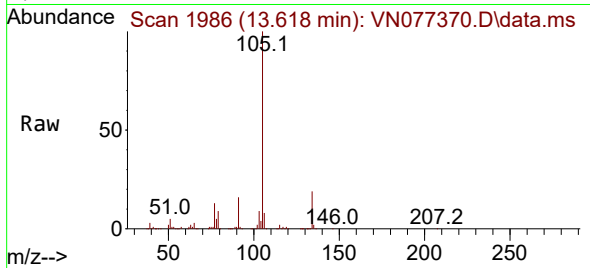
Tgt Ion:105 Resp: 573768
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 22.111 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

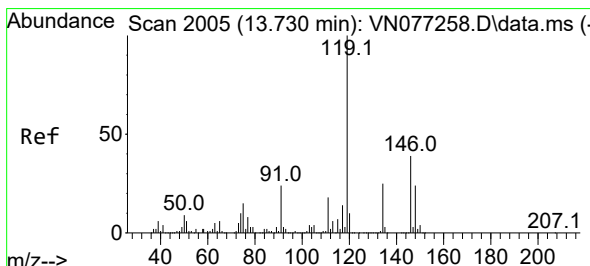
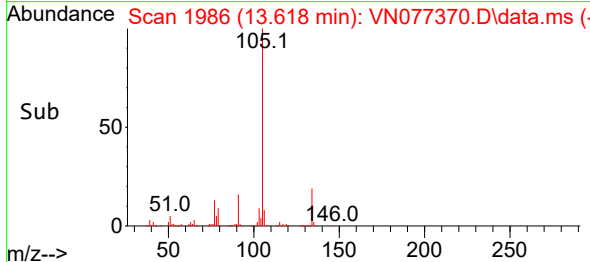
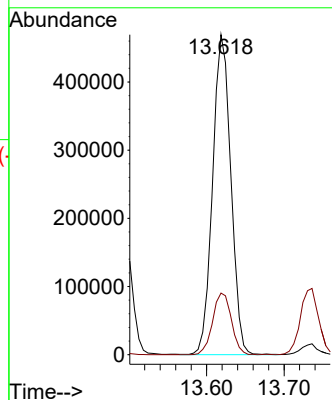
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS02



Tgt Ion:105 Resp: 76776
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

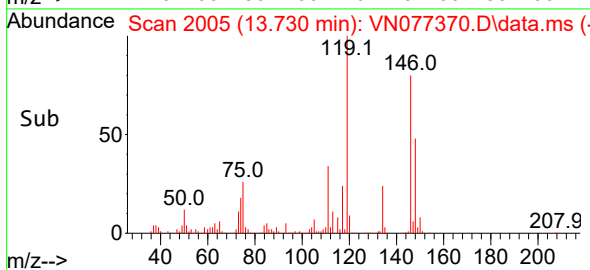
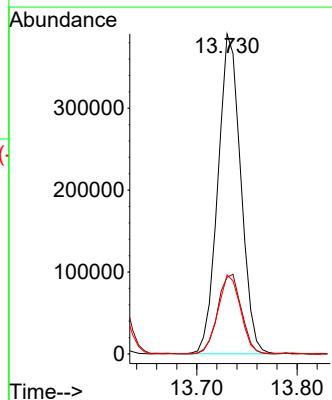
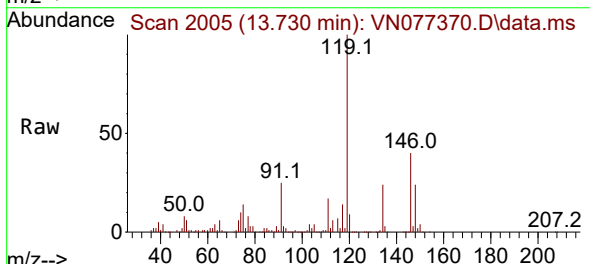
Manual Integrations
 APPROVED

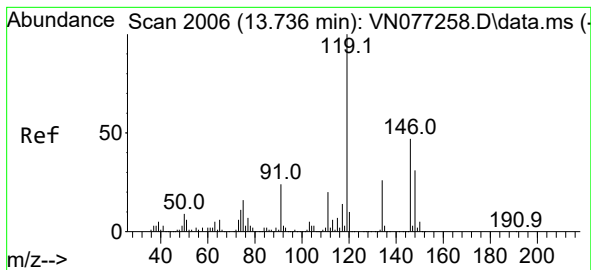
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#86
 p-Isopropyltoluene
 Concen: 22.592 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077370.D
 Acq: 19 Apr 2023 12:57

Tgt Ion:119 Resp: 616500
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 22.359 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

Tgt Ion:146 Resp: 294760

Ion Ratio Lower Upper

146 100

111 42.7 21.8 65.4

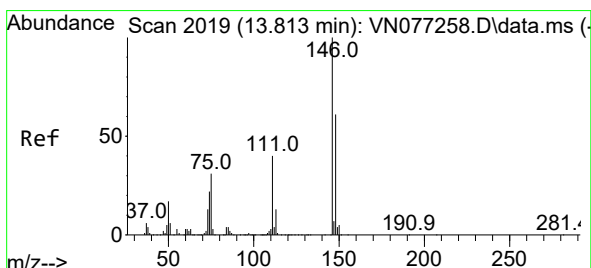
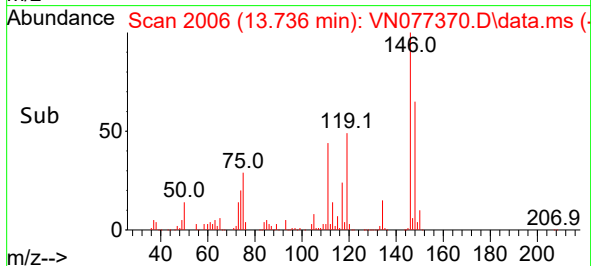
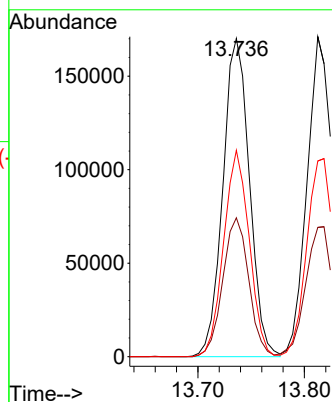
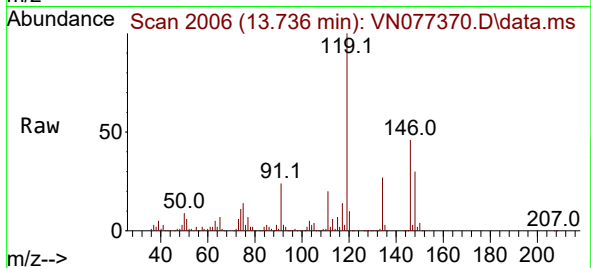
148 62.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#88

1,4-Dichlorobenzene

Concen: 22.025 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

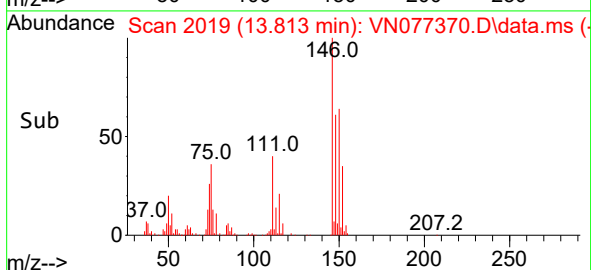
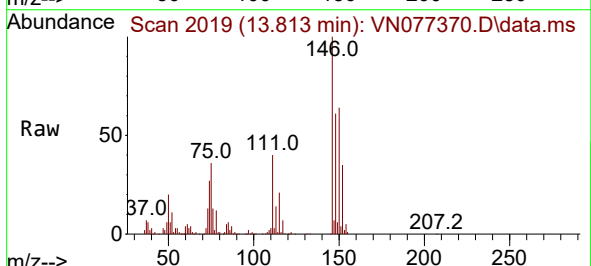
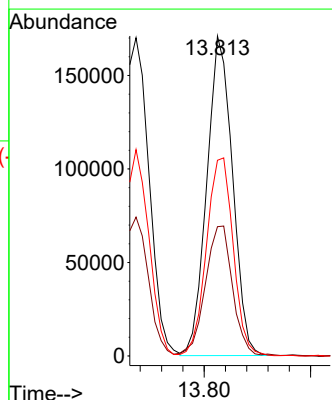
Tgt Ion:146 Resp: 286343

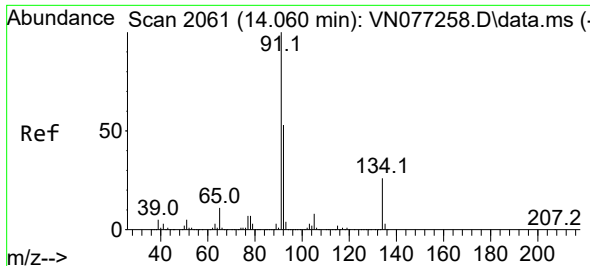
Ion Ratio Lower Upper

146 100

111 43.4 20.4 61.2

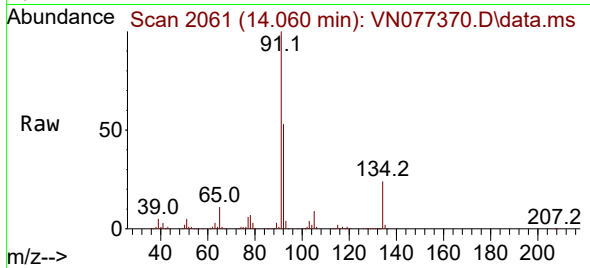
148 64.5 31.6 95.0





#89
n-Butylbenzene
Concen: 21.585 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

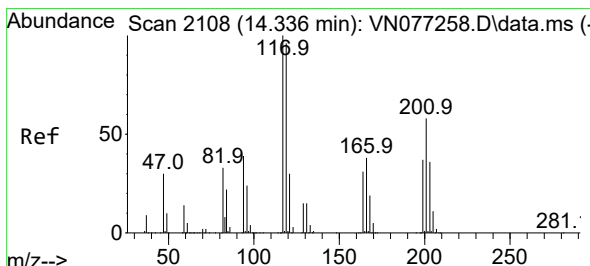
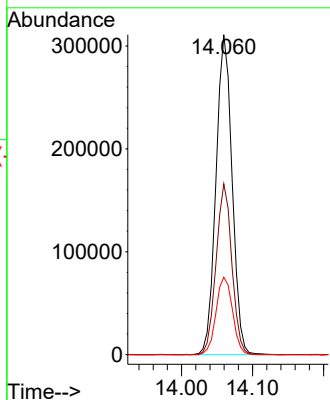
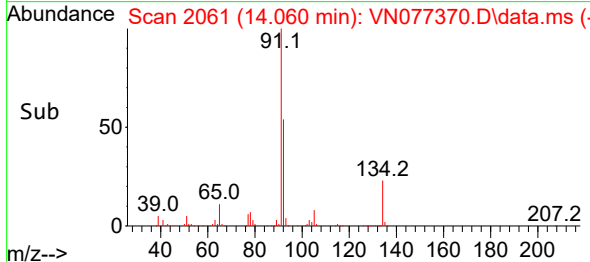
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



Tgt Ion: 91 Resp: 488997
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 24.7 12.8 38.3

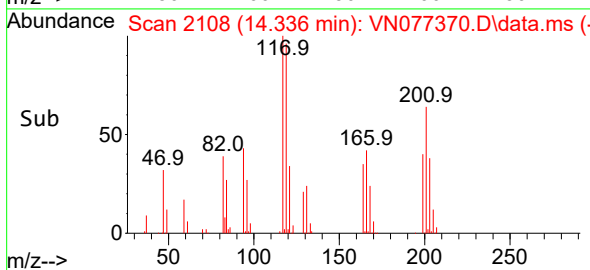
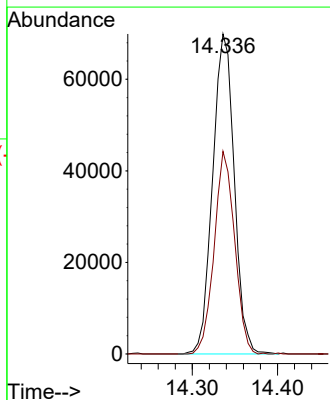
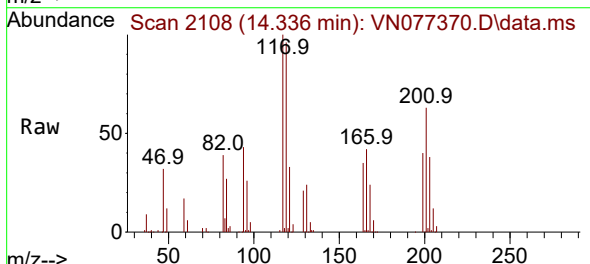
Manual Integrations
APPROVED

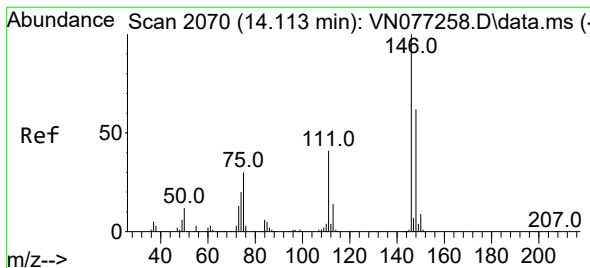
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 20.667 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

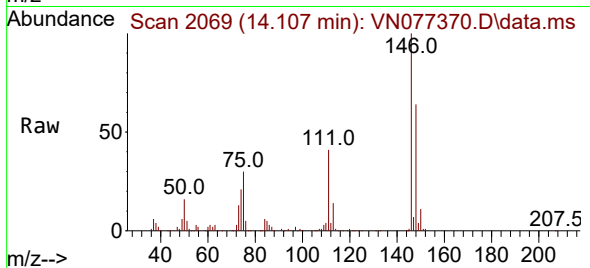
Tgt Ion:117 Resp: 123313
Ion Ratio Lower Upper
117 100
201 60.1 29.8 89.5





#91
1,2-Dichlorobenzene
Concen: 21.990 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57

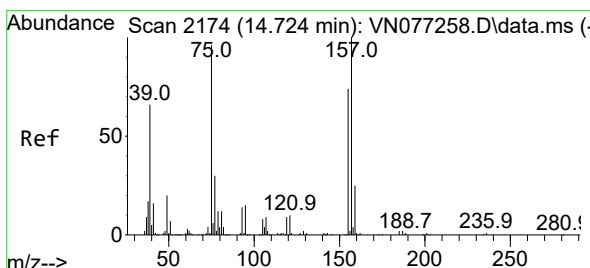
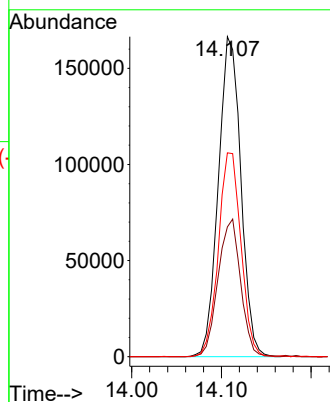
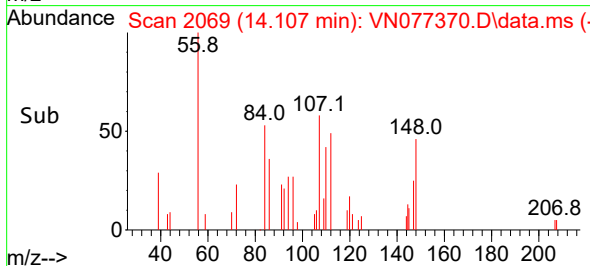
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS02



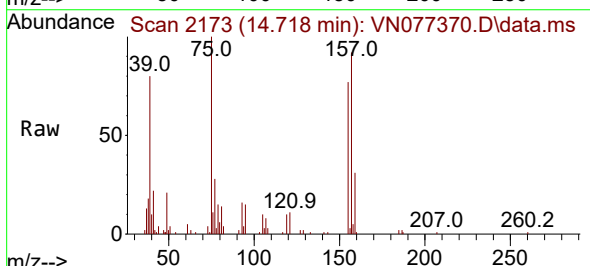
Tgt Ion:146 Resp: 29001
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.5
148 63.8 31.9 95.5

Manual Integrations
APPROVED

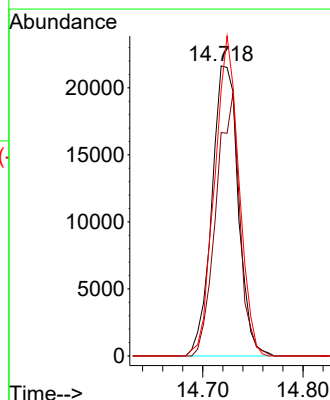
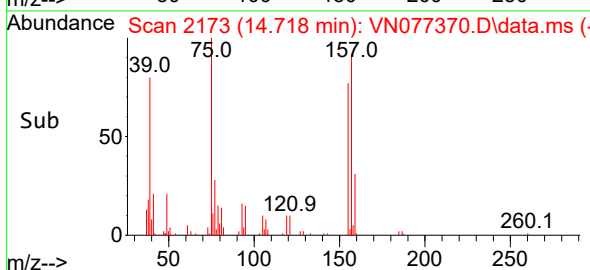
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

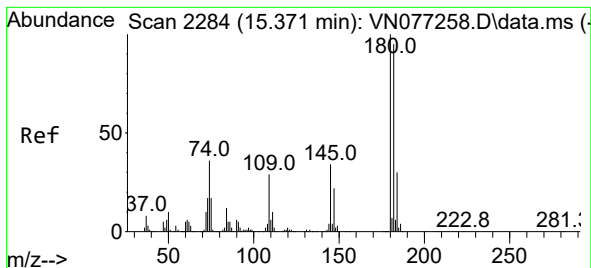


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.957 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077370.D
Acq: 19 Apr 2023 12:57



Tgt Ion: 75 Resp: 39513
Ion Ratio Lower Upper
75 100
155 80.9 41.0 123.2
157 101.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 16.306 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077370.D

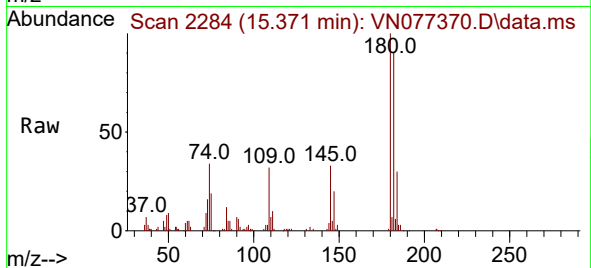
Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02



Tgt Ion:180 Resp: 77630

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.0

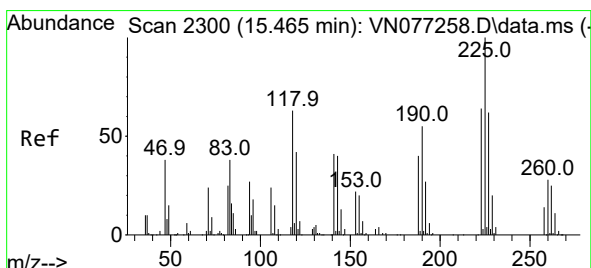
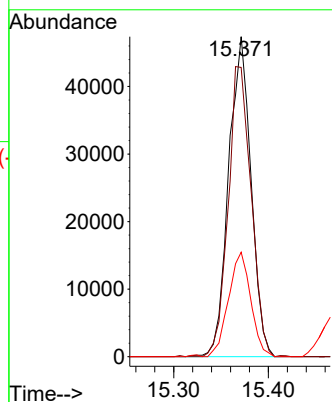
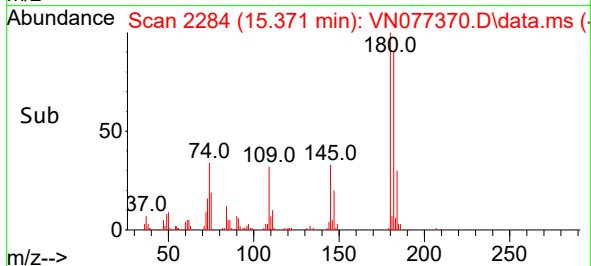
145 32.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 22.184 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

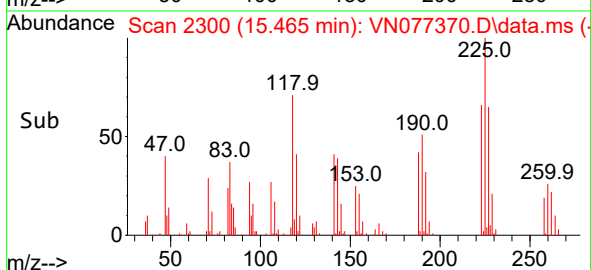
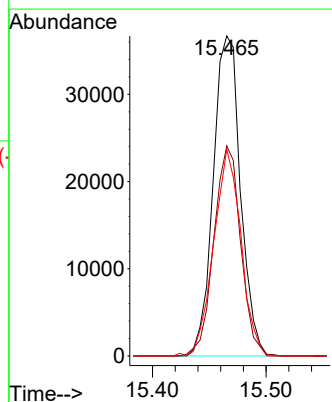
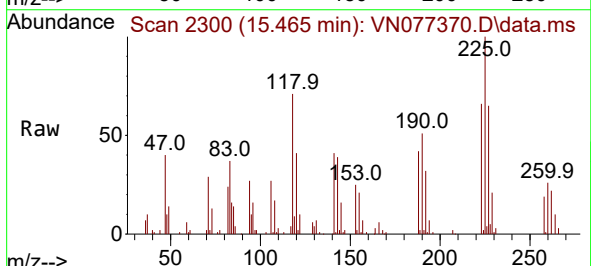
Tgt Ion:225 Resp: 61136

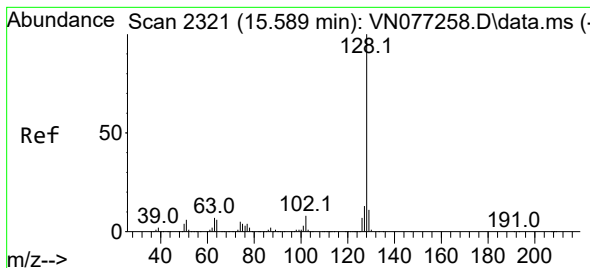
Ion Ratio Lower Upper

225 100

223 64.5 31.7 95.1

227 64.5 31.2 93.6





#95

Naphthalene

Concen: 15.893 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS02

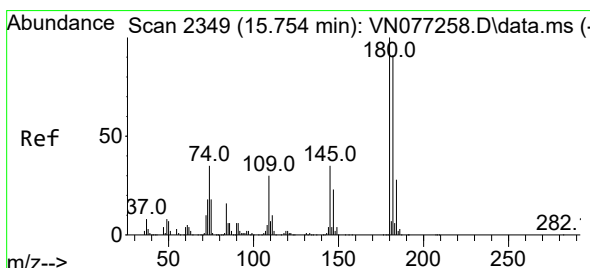
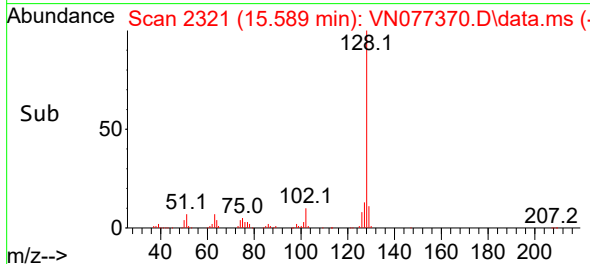
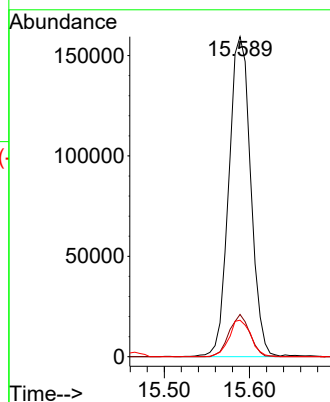
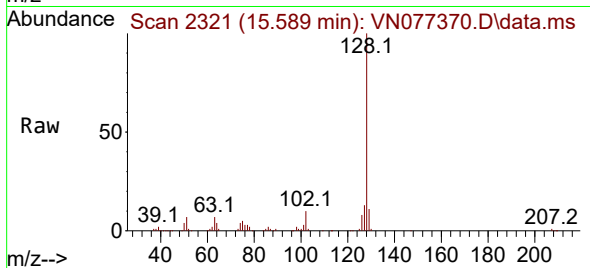
Tgt Ion:	128	Resp:	284239
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.4	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.403 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077370.D

Acq: 19 Apr 2023 12:57

Tgt Ion:	180	Resp:	70144
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.9	140.8
145	37.4	17.6	52.8

