

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077369.D
 Acq On : 19 Apr 2023 12:19
 Operator : JC\MD
 Sample : VN0419WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Quant Time: Apr 20 04:24:41 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	538208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	994588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	890420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	357011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	353737	48.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.172	113	315353	49.529	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	10.572	98	1200145	46.823	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.848	95	396138	46.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	107721	15.681	ug/l	91
3) Chloromethane	2.372	50	98567	11.579	ug/l	98
4) Vinyl Chloride	2.525	62	139427	12.080	ug/l	97
5) Bromomethane	2.960	94	118131	14.118	ug/l	99
6) Chloroethane	3.125	64	98493	11.957	ug/l	98
7) Trichlorofluoromethane	3.507	101	182454	18.231	ug/l	99
8) Diethyl Ether	3.966	74	69200	16.501	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	107324	17.523	ug/l	99
10) Methyl Iodide	4.601	142	119693	16.069	ug/l	94
11) Tert butyl alcohol	5.531	59	97824	65.174	ug/l	99
12) 1,1-Dichloroethene	4.354	96	101885	16.160	ug/l	91
13) Acrolein	4.190	56	115863	81.504	ug/l	93
14) Allyl chloride	5.031	41	129107	13.558	ug/l	92
15) Acrylonitrile	5.731	53	244404	73.654	ug/l	98
16) Acetone	4.443	43	204111	75.258	ug/l	99
17) Carbon Disulfide	4.713	76	238468	14.026	ug/l	97
18) Methyl Acetate	5.037	43	152813	14.794	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	373532	16.697	ug/l	93
20) Methylene Chloride	5.290	84	118883	15.521	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	110889	16.064	ug/l	94
22) Diisopropyl ether	6.678	45	287519	15.061	ug/l	94
23) Vinyl Acetate	6.607	43	1074348m	83.231	ug/l	
24) 1,1-Dichloroethane	6.578	63	195708	15.876	ug/l	95
25) 2-Butanone	7.489	43	299840	68.119	ug/l	93
26) 2,2-Dichloropropane	7.495	77	191847	16.971	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	135972	16.130	ug/l	99
28) Bromochloromethane	7.813	49	70639	14.245	ug/l	90
29) Tetrahydrofuran	7.842	42	187631	66.311	ug/l	94
30) Chloroform	7.966	83	223314	16.987	ug/l	95
31) Cyclohexane	8.260	56	167794	14.680	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	205454	17.184	ug/l	93
36) 1,1-Dichloropropene	8.378	75	152941	16.241	ug/l	97
37) Ethyl Acetate	7.560	43	121329	14.400	ug/l	97
38) Carbon Tetrachloride	8.372	117	174099	18.045	ug/l	95
39) Methylcyclohexane	9.601	83	204138	16.076	ug/l	98
40) Benzene	8.607	78	479061	16.310	ug/l	99

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Quant Time: Apr 20 04:24:41 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	7.789	41	64556	14.254	ug/l	96
42) 1,2-Dichloroethane	8.678	62	162065	17.927	ug/l	98
43) Isopropyl Acetate	8.695	43	223409	14.370	ug/l	97
44) Trichloroethene	9.354	130	124043	17.650	ug/l	98
45) 1,2-Dichloropropane	9.625	63	119194	17.087	ug/l	98
46) Dibromomethane	9.713	93	87786	16.703	ug/l	96
47) Bromodichloromethane	9.889	83	180647	17.196	ug/l	99
48) Methyl methacrylate	9.683	41	97000	14.626	ug/l	93
49) 1,4-Dioxane	9.695	88	48065	298.925	ug/l	93
51) 4-Methyl-2-Pentanone	10.442	43	644866	71.760	ug/l	97
52) Toluene	10.630	92	329885	17.159	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	186994	16.392	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	204753	16.851	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	131005	17.359	ug/l	96
56) Ethyl methacrylate	10.877	69	185287	15.763	ug/l	97
57) 1,3-Dichloropropane	11.166	76	209755	16.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	291673	83.354	ug/l	95
59) 2-Hexanone	11.195	43	469564	70.138	ug/l	98
60) Dibromochloromethane	11.360	129	139036	17.888	ug/l	100
61) 1,2-Dibromoethane	11.472	107	128765	17.094	ug/l	99
64) Tetrachloroethene	11.101	164	97445	17.715	ug/l	96
65) Chlorobenzene	11.895	112	347190	17.710	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.960	131	130411	17.582	ug/l	99
67) Ethyl Benzene	11.966	91	617831	17.079	ug/l	98
68) m/p-Xylenes	12.071	106	480787	33.825	ug/l	100
69) o-Xylene	12.401	106	240154	17.126	ug/l	100
70) Styrene	12.413	104	377508	16.730	ug/l	99
71) Bromoform	12.577	173	88085	16.870	ug/l #	99
73) Isopropylbenzene	12.695	105	620057	17.881	ug/l	100
74) N-amyl acetate	12.495	43	183273	13.947	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	181263	16.657	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	133559m	15.710	ug/l	
77) Bromobenzene	12.983	156	129259	18.333	ug/l	94
78) n-propylbenzene	13.036	91	669705	17.479	ug/l	100
79) 2-Chlorotoluene	13.130	91	409563	17.753	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	483047	17.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	61953	16.399	ug/l	88
82) 4-Chlorotoluene	13.224	91	376633	17.315	ug/l	96
83) tert-Butylbenzene	13.442	119	434502	17.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	441450	16.134	ug/l	98
85) sec-Butylbenzene	13.618	105	619983	18.045	ug/l	100
86) p-Isopropyltoluene	13.730	119	482599	17.873	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	230045	17.636	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	228836	17.789	ug/l	97
89) n-Butylbenzene	14.060	91	374703	16.716	ug/l	97
90) Hexachloroethane	14.336	117	106202	17.989	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	229837	17.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32394	15.707	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	55082	11.693	ug/l	98
94) Hexachlorobutadiene	15.465	225	46049	16.887	ug/l	99
95) Naphthalene	15.589	128	204235	11.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	53743	11.927	ug/l	94

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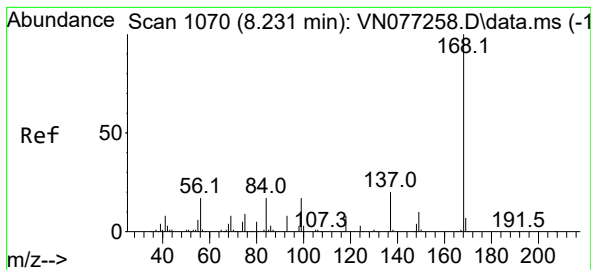
Manual Integrations
APPROVED

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

Quant Time: Apr 20 04:24:41 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

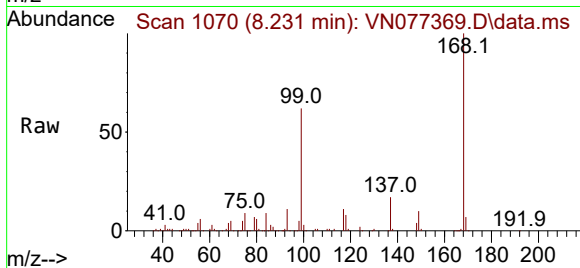
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

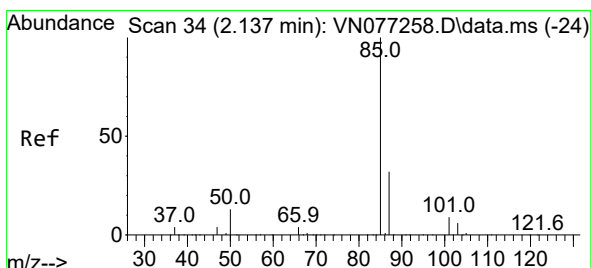
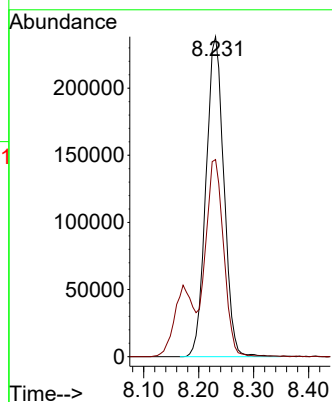
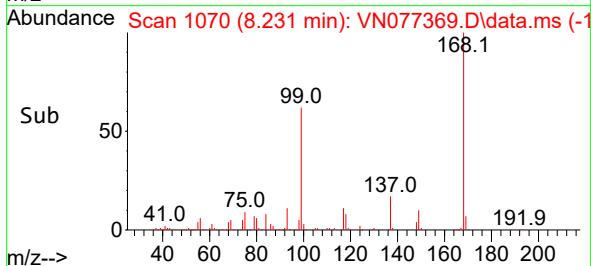
Instrument :
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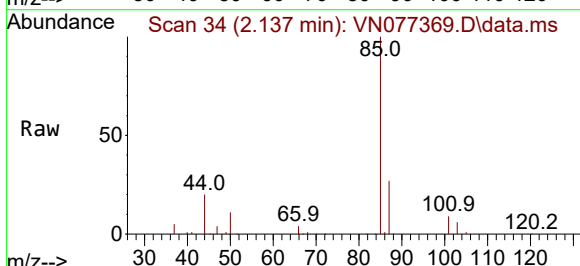
Tgt Ion:168 Resp: 538208
Ion Ratio Lower Upper
168 100
99 61.5 50.6 75.8

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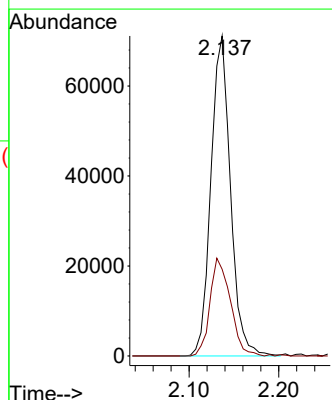
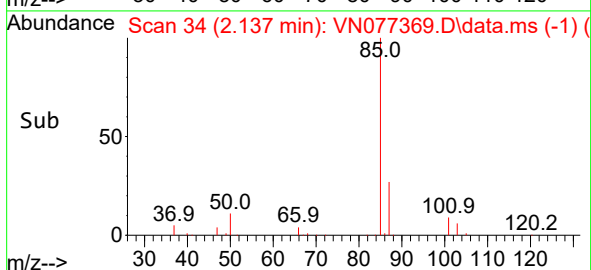
Reviewed By :John Carlone 04/20/2023
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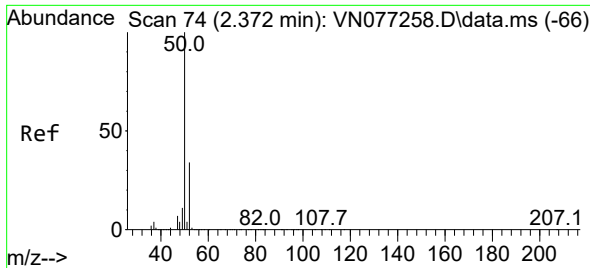


#2
Dichlorodifluoromethane
Concen: 15.681 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



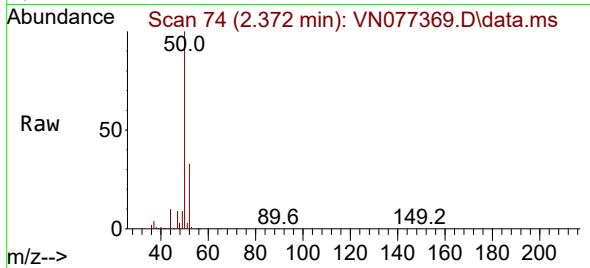
Tgt Ion: 85 Resp: 107721
Ion Ratio Lower Upper
85 100
87 27.1 16.1 48.2





#3
Chloromethane
Concen: 11.579 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

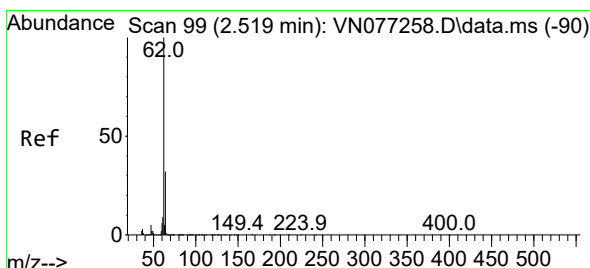
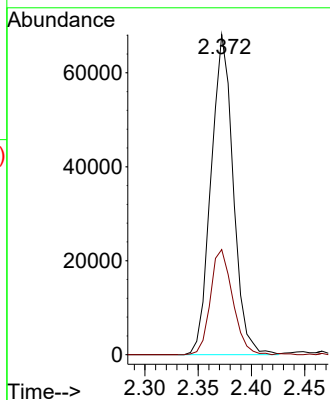
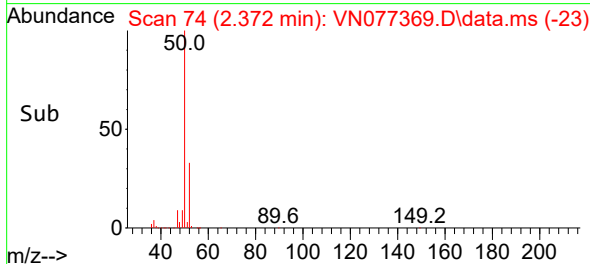
Instrument :
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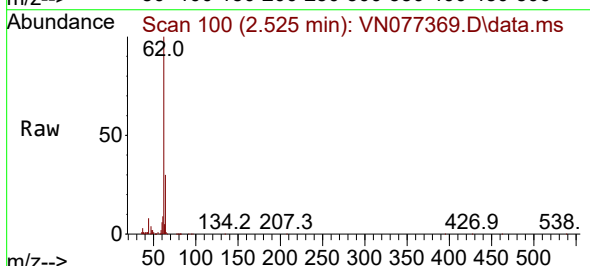
Tgt Ion: 50 Resp: 9856
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9

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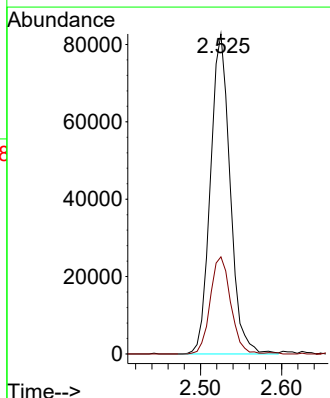
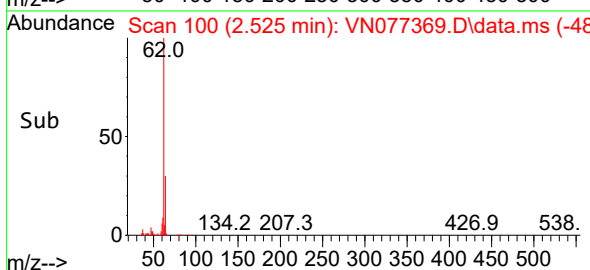
Reviewed By :John Carlone 04/20/2023
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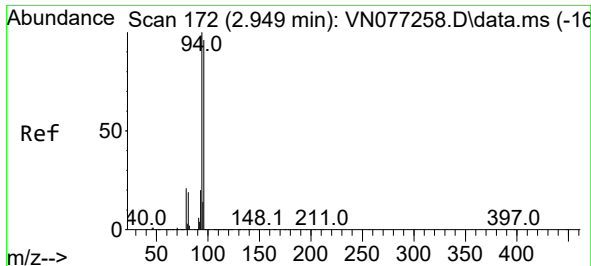


#4
Vinyl Chloride
Concen: 12.080 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



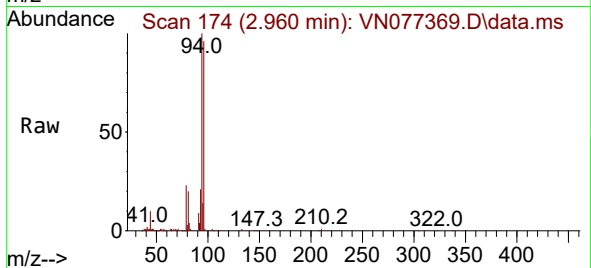
Tgt Ion: 62 Resp: 139427
Ion Ratio Lower Upper
62 100
64 30.4 25.8 38.8





#5
Bromomethane
Concen: 14.118 ug/l
RT: 2.960 min Scan# 172
Delta R.T. 0.011 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

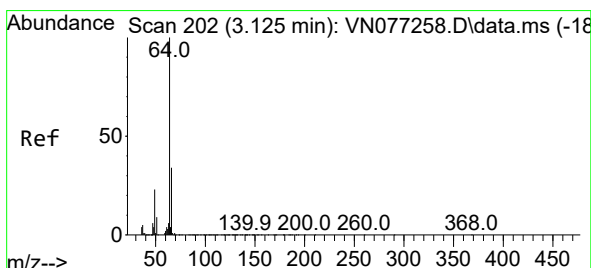
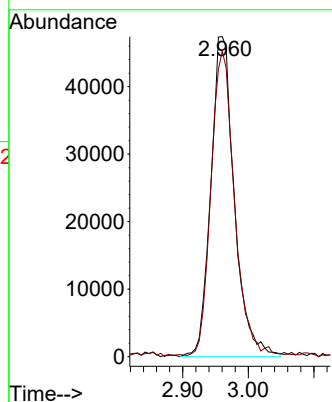
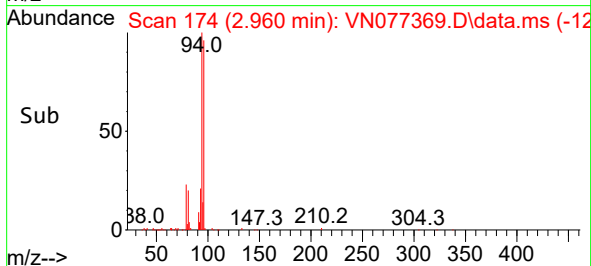
Instrument :
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Tgt Ion: 94 Resp: 11813
Ion Ratio Lower Upper
94 100
96 94.9 77.0 115.4

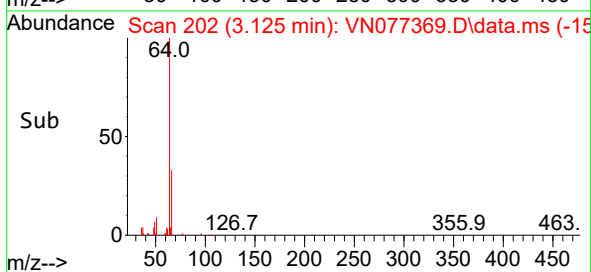
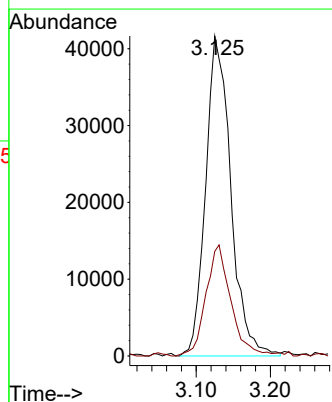
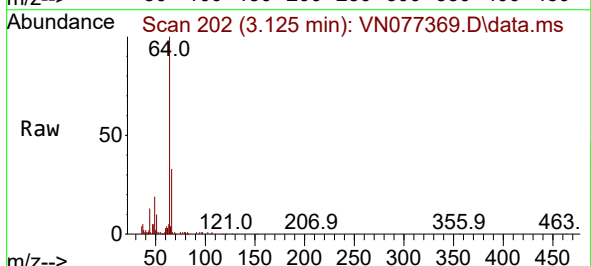
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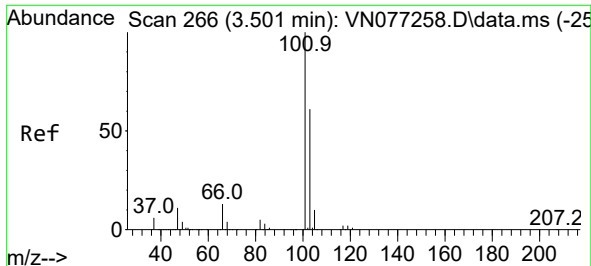
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 11.957 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

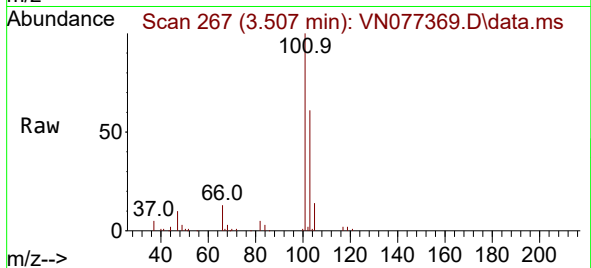
Tgt Ion: 64 Resp: 98493
Ion Ratio Lower Upper
64 100
66 32.3 26.9 40.3





#7
Trichlorofluoromethane
Concen: 18.231 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

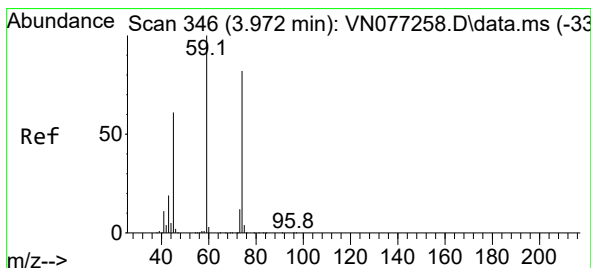
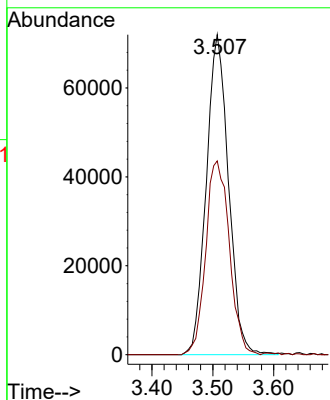
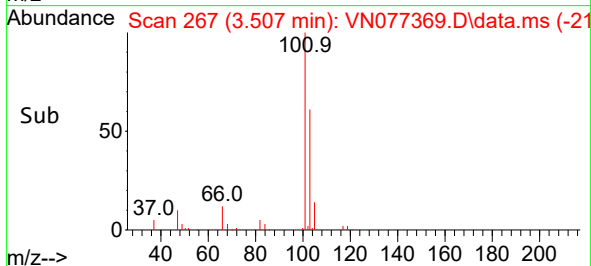
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion:101 Resp: 182454
Ion Ratio Lower Upper
101 100
103 60.6 49.0 73.4

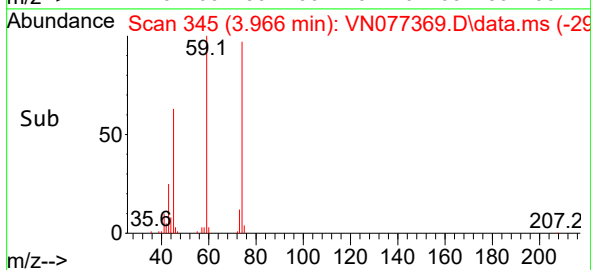
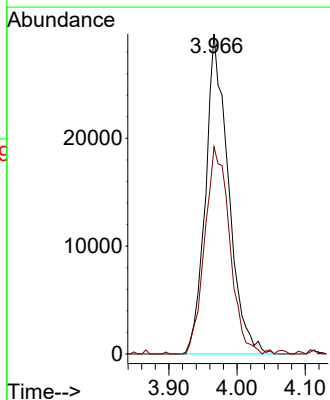
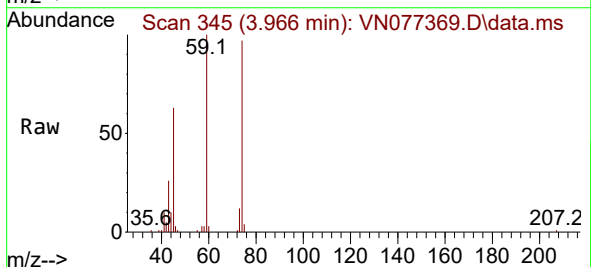
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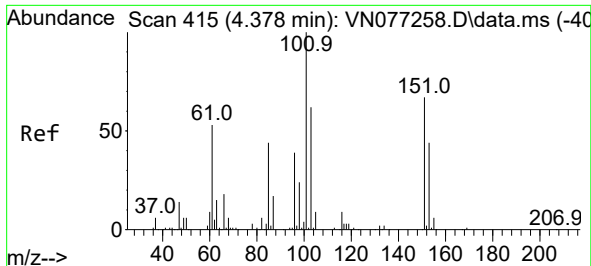
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 16.501 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion: 74 Resp: 69200
Ion Ratio Lower Upper
74 100
45 70.3 37.8 113.4





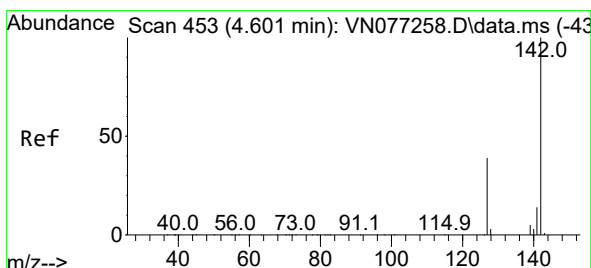
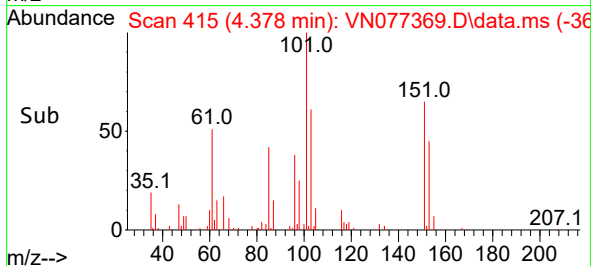
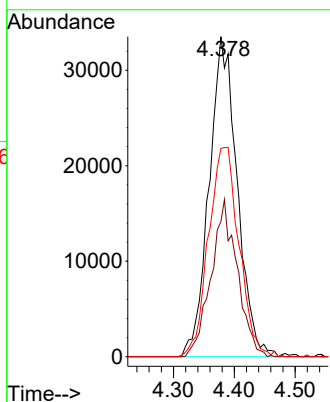
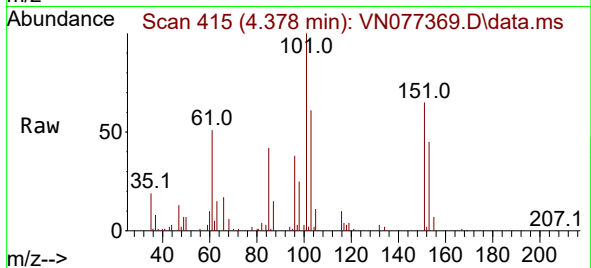
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.523 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:101 Resp: 107324
Ion Ratio Lower Upper
101 100
85 45.7 37.3 55.9
151 71.1 56.3 84.5

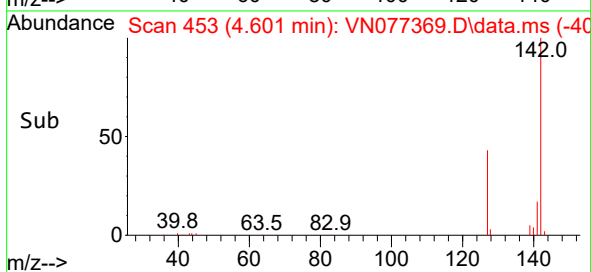
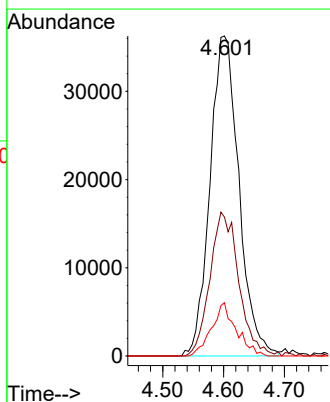
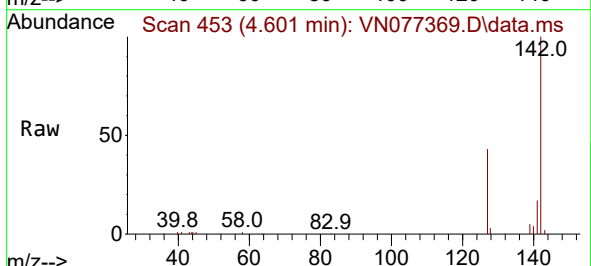
Manual Integrations
APPROVED

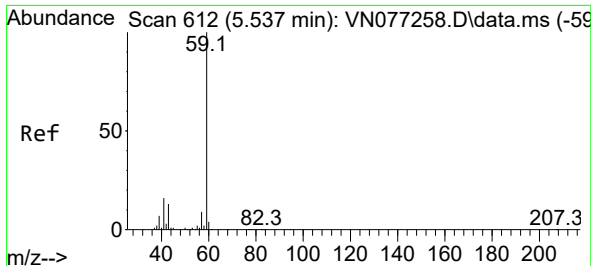
Reviewed By :John Carbone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 16.069 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

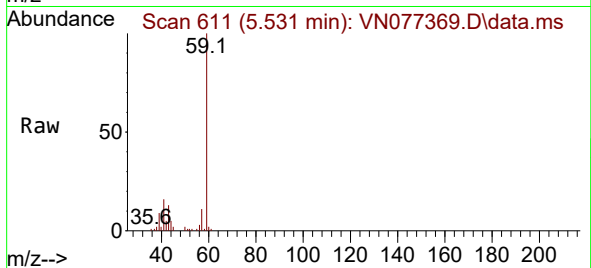
Tgt Ion:142 Resp: 119693
Ion Ratio Lower Upper
142 100
127 43.4 31.5 47.3
141 16.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 65.174 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

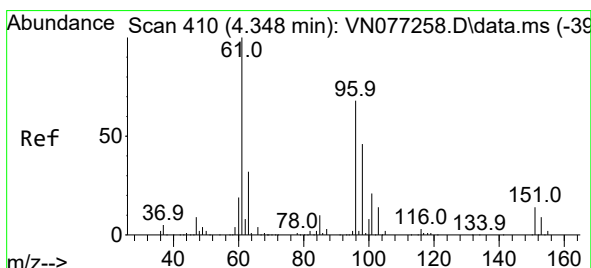
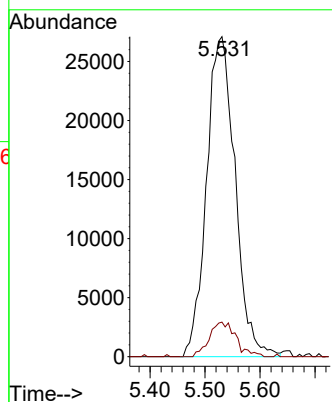
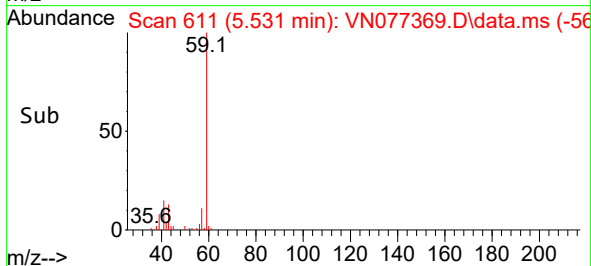
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



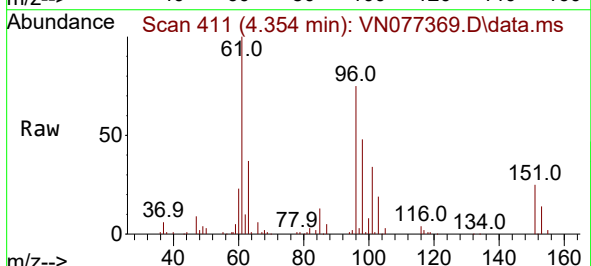
Tgt Ion: 59 Resp: 97824
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

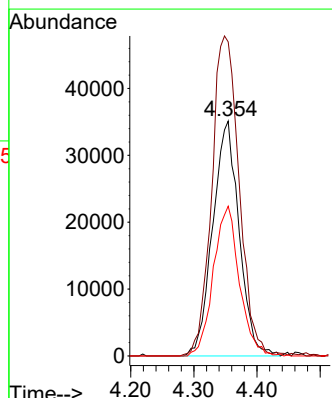
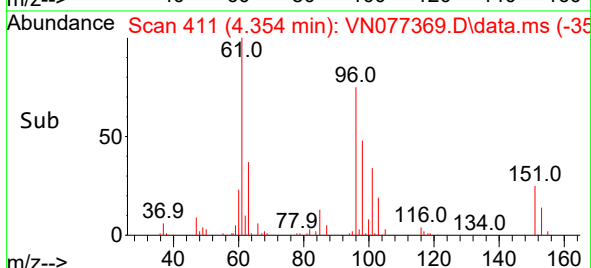
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

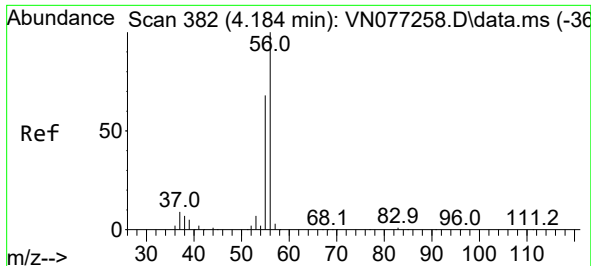


#12
1,1-Dichloroethene
Concen: 16.160 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



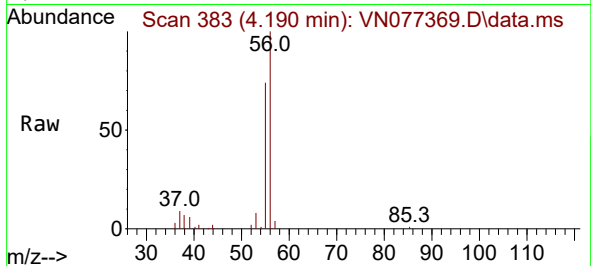
Tgt Ion: 96 Resp: 101885
Ion Ratio Lower Upper
96 100
61 133.7 118.3 177.5
98 63.7 54.5 81.7





#13
Acrolein
Concen: 81.504 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

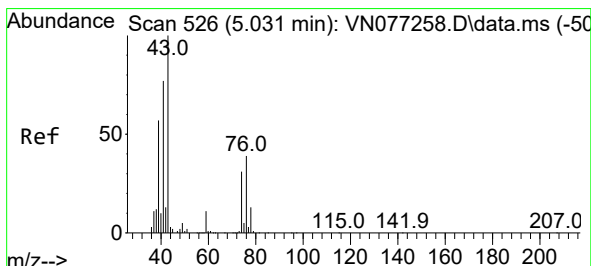
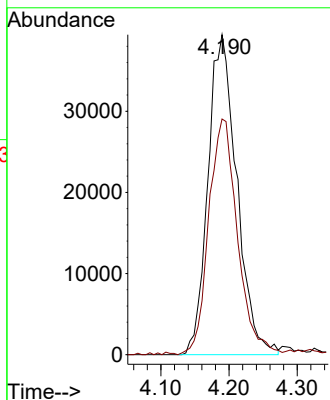
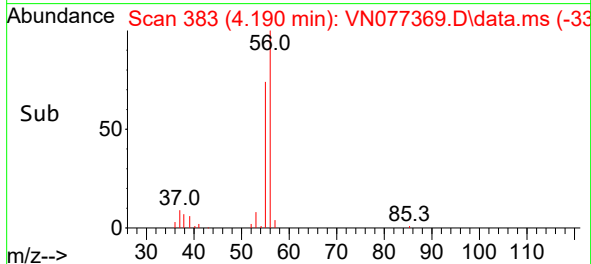
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 56 Resp: 11586
Ion Ratio Lower Upper
56 100
55 73.5 54.2 81.2

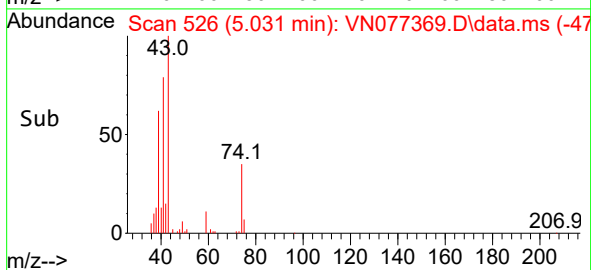
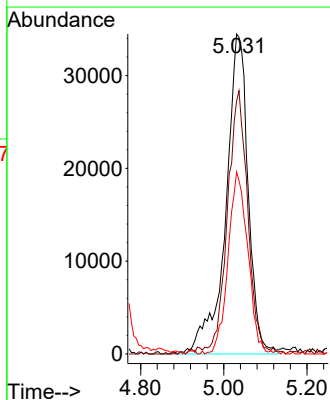
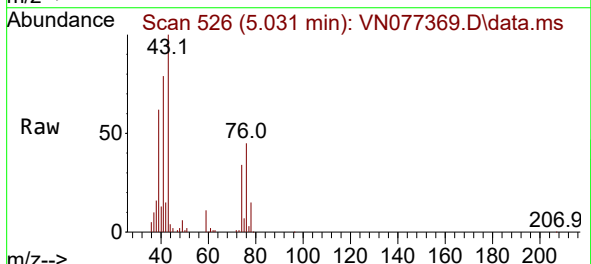
Manual Integrations
APPROVED

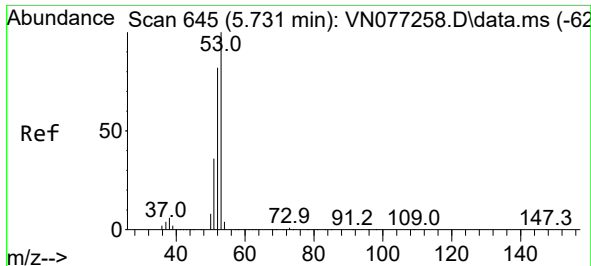
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 13.558 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

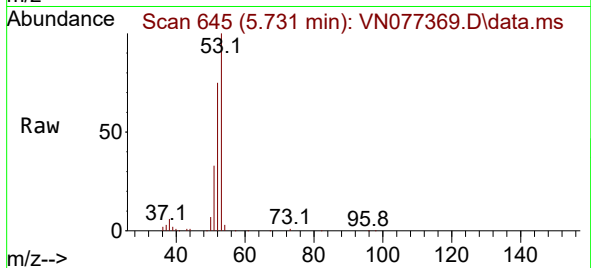
Tgt Ion: 41 Resp: 129107
Ion Ratio Lower Upper
41 100
39 74.6 55.0 82.4
76 49.8 35.4 53.2





#15
Acrylonitrile
Concen: 73.654 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

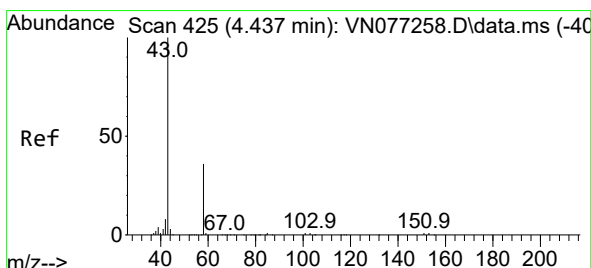
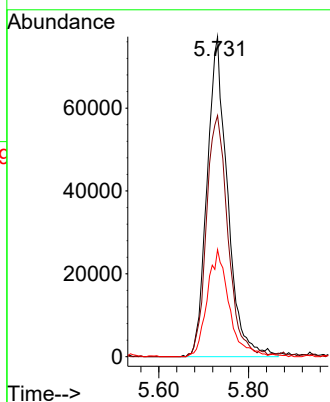
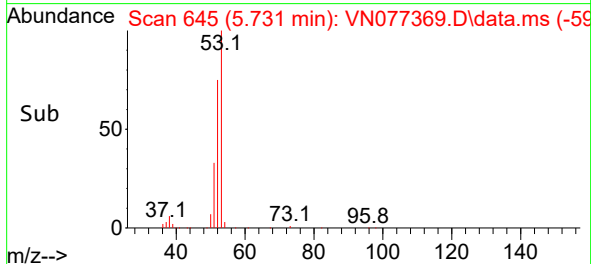
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



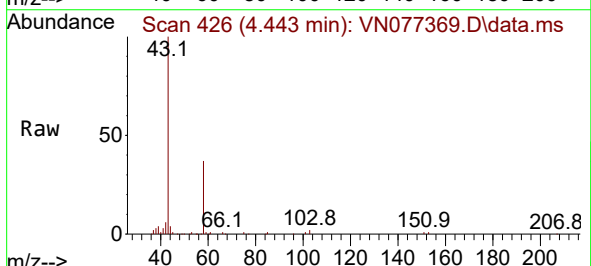
Tgt Ion: 53 Resp: 244404
Ion Ratio Lower Upper
53 100
52 78.8 65.2 97.8
51 35.6 28.1 42.1

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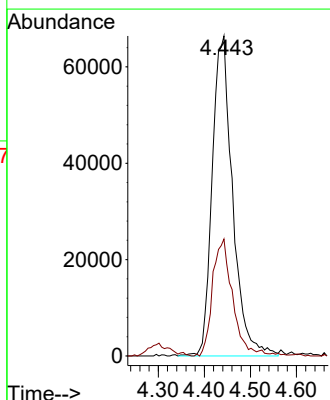
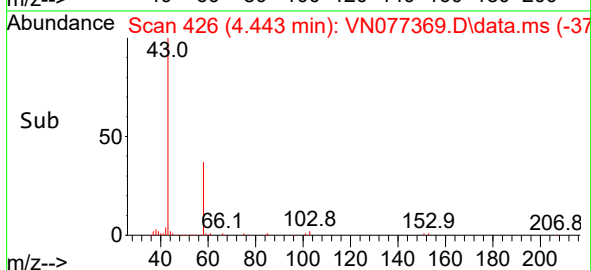
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

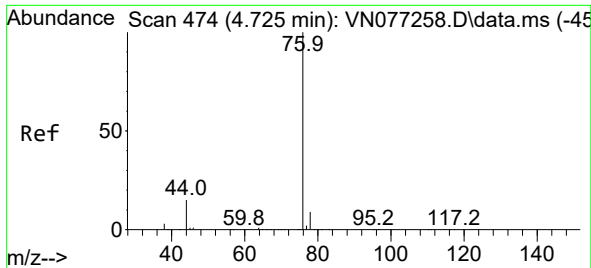


#16
Acetone
Concen: 75.258 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



Tgt Ion: 43 Resp: 204111
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6





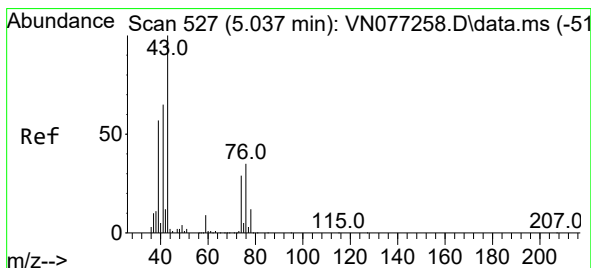
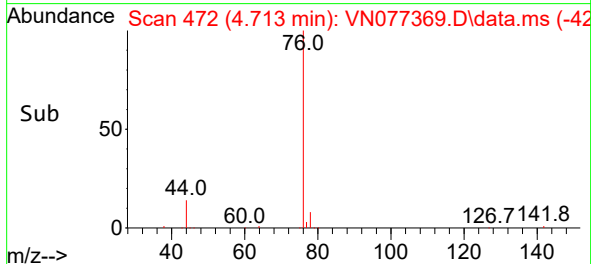
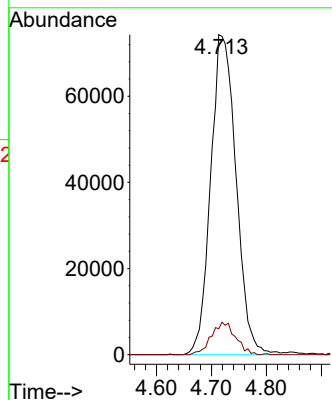
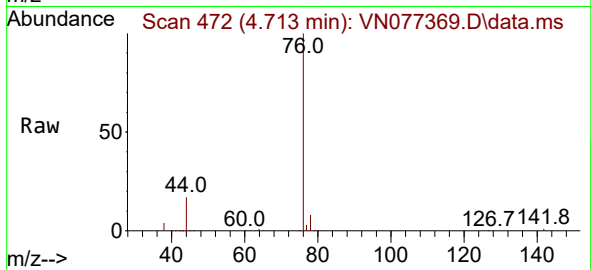
#17
Carbon Disulfide
Concen: 14.026 ug/l
RT: 4.713 min Scan# 472
Delta R.T. -0.012 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 76 Resp: 238468
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9

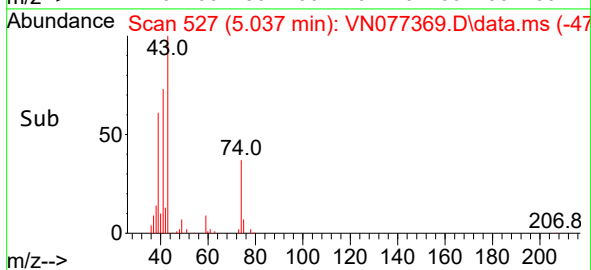
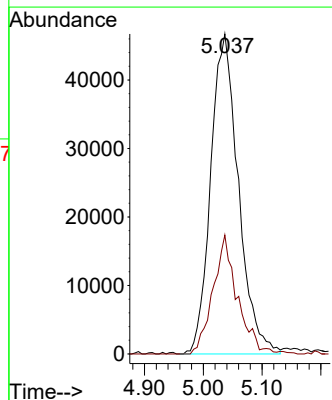
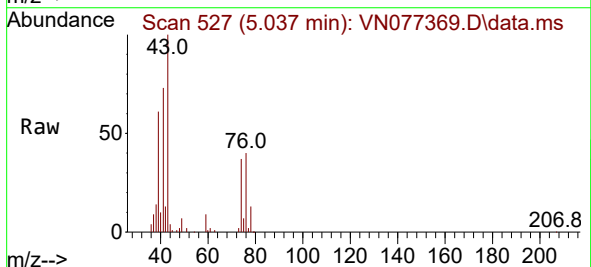
Manual Integrations
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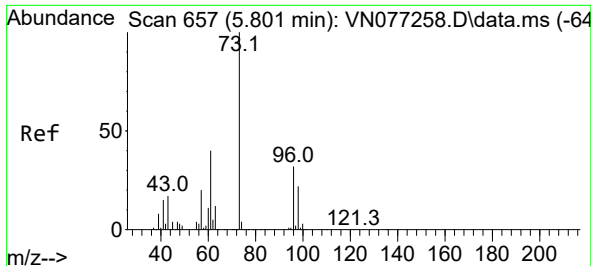
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 14.794 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion: 43 Resp: 152813
Ion Ratio Lower Upper
43 100
74 32.7 23.4 35.2





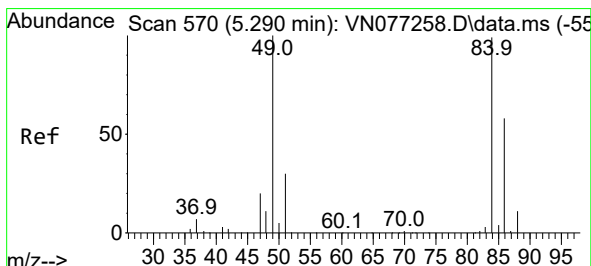
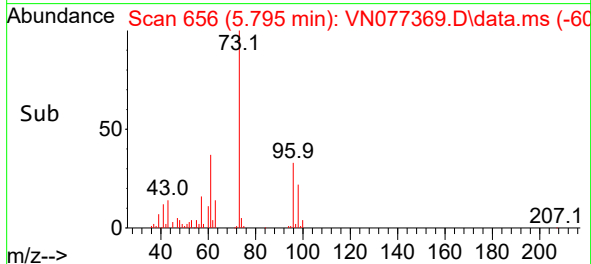
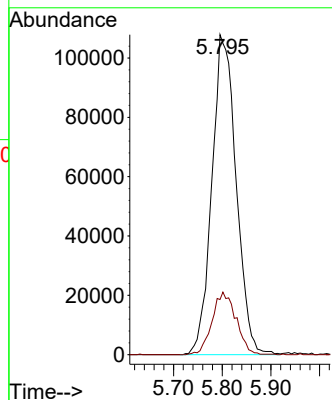
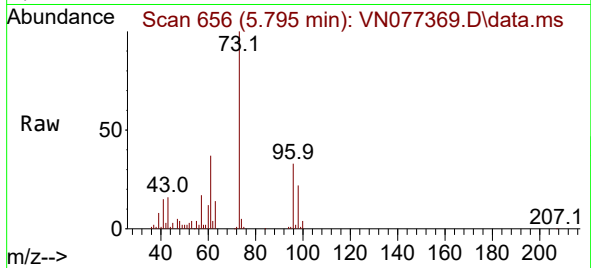
#19
Methyl tert-butyl Ether
Concen: 16.697 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 73 Resp: 37353
Ion Ratio Lower Upper
73 100
57 17.3 16.2 24.4

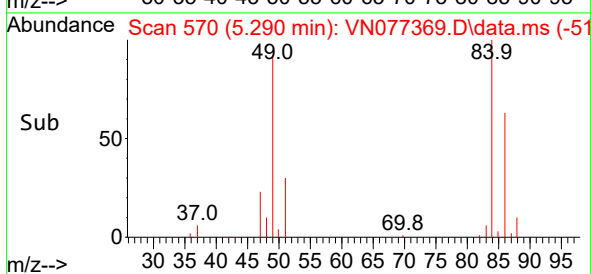
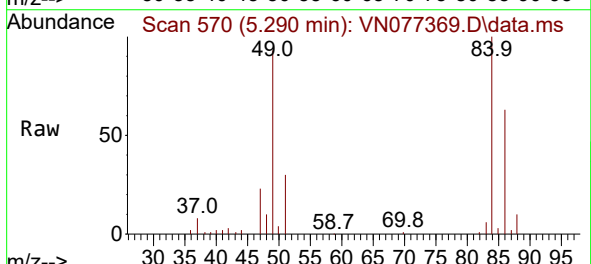
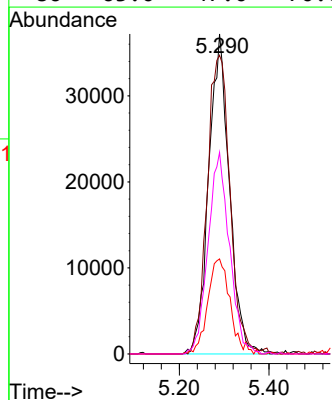
Manual Integrations
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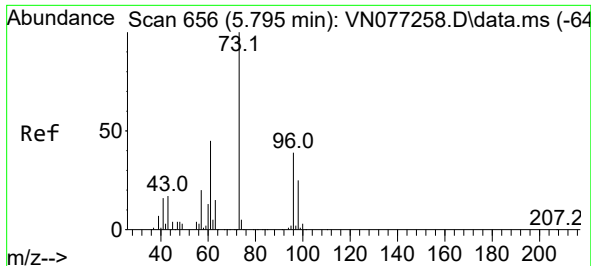
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 15.521 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

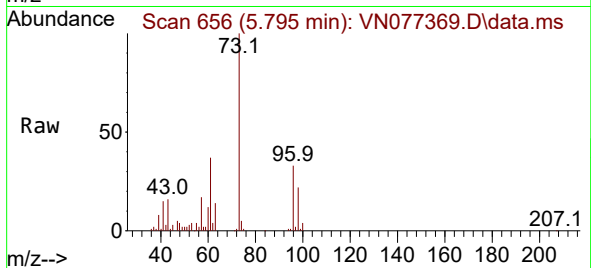
Tgt Ion: 84 Resp: 118883
Ion Ratio Lower Upper
84 100
49 93.4 80.6 121.0
51 29.7 24.4 36.6
86 63.0 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 16.064 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

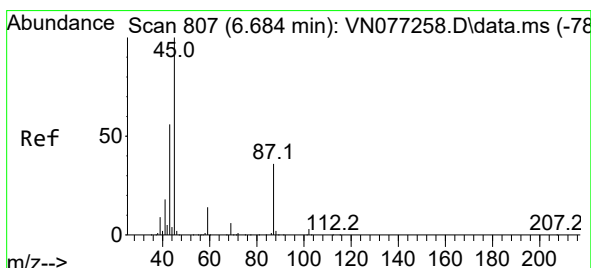
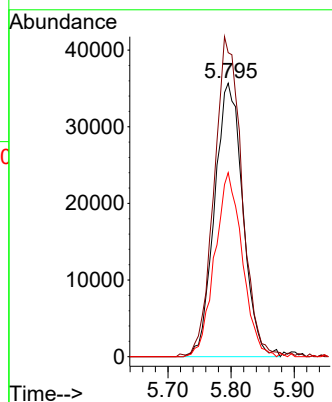
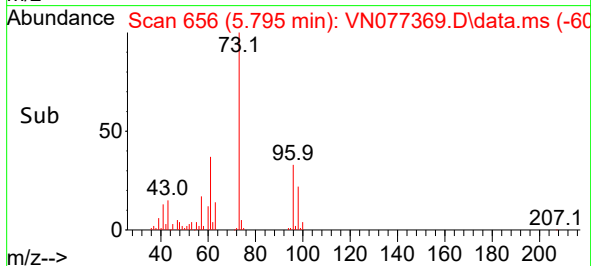
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



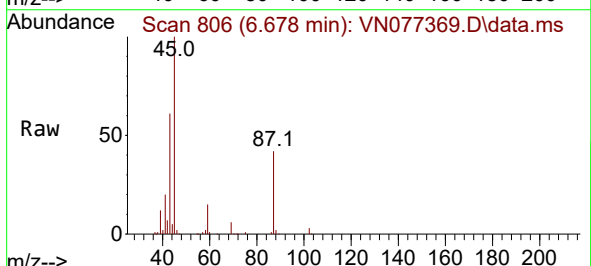
Tgt Ion: 96 Resp: 110889
Ion Ratio Lower Upper
96 100
61 110.1 93.8 140.6
98 67.3 50.9 76.3

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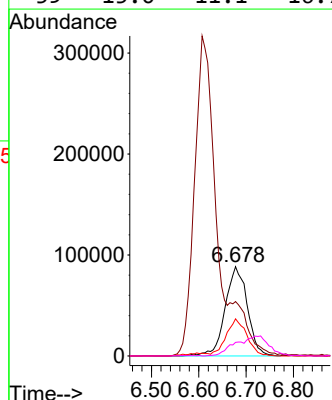
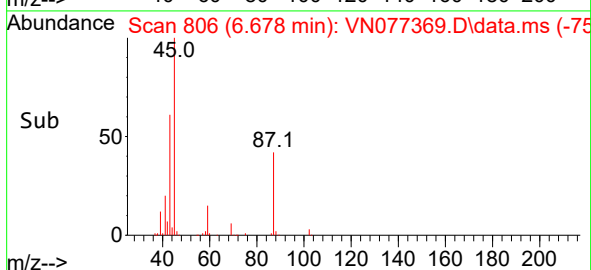
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

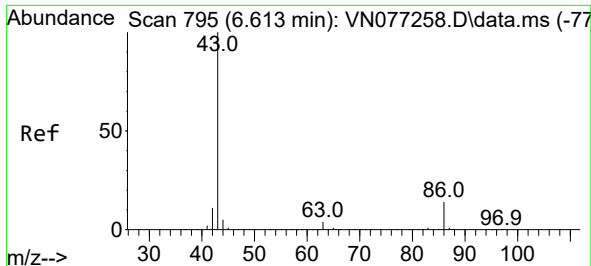


#22
Diisopropyl ether
Concen: 15.061 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



Tgt Ion: 45 Resp: 287519
Ion Ratio Lower Upper
45 100
43 58.4 44.6 66.8
87 41.5 28.4 42.6
59 15.0 11.1 16.7





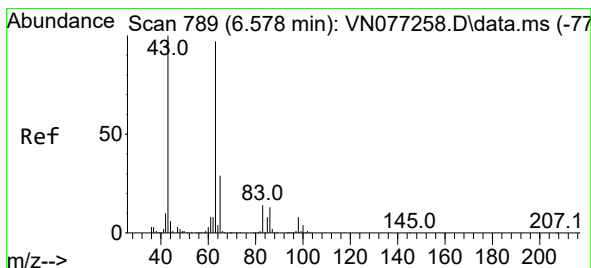
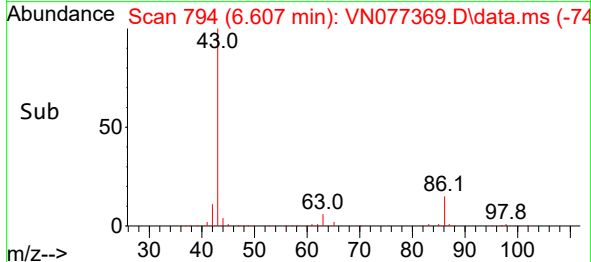
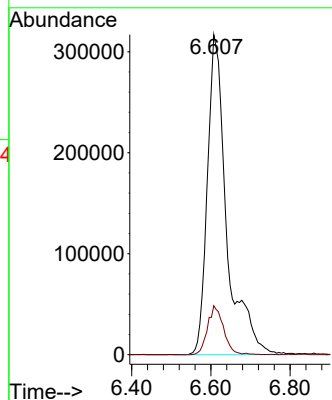
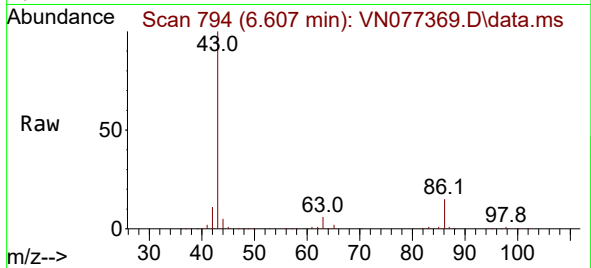
#23
 Vinyl Acetate
 Concen: 83.231 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Tgt Ion: 43 Resp: 107434
 Ion Ratio Lower Upper
 43 100
 86 15.3 11.2 16.8

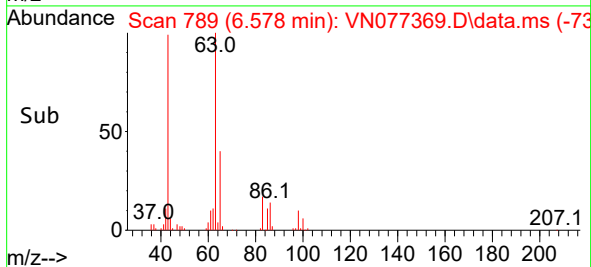
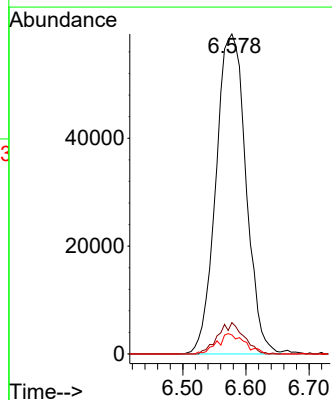
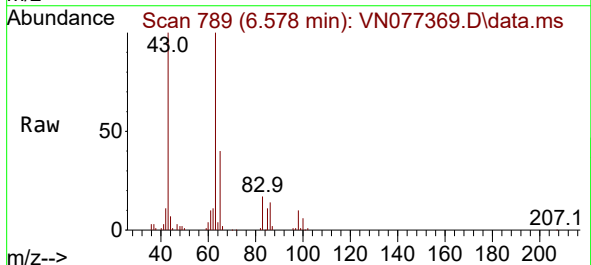
Manual Integrations
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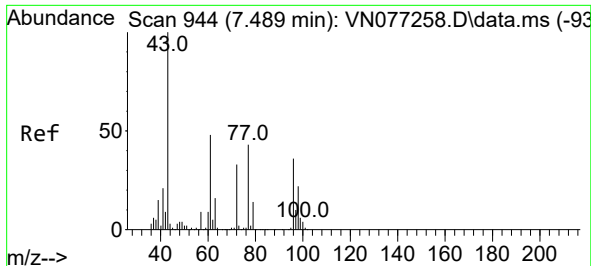
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 15.876 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

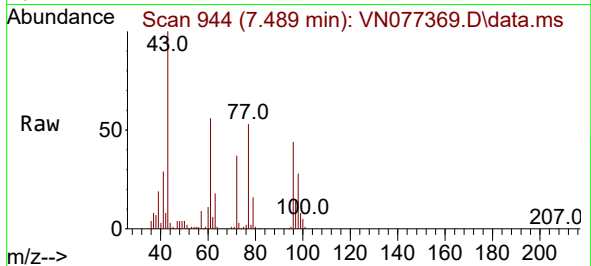
Tgt Ion: 63 Resp: 195708
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.0 12.0
 100 5.9 2.3 6.9





#25
2-Butanone
Concen: 68.119 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

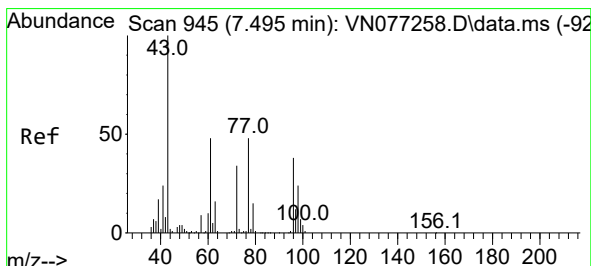
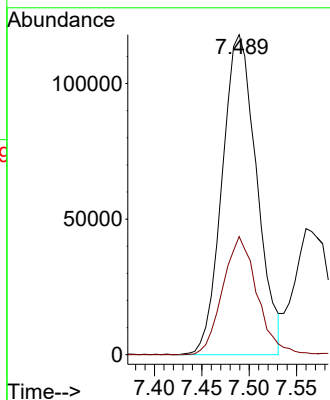
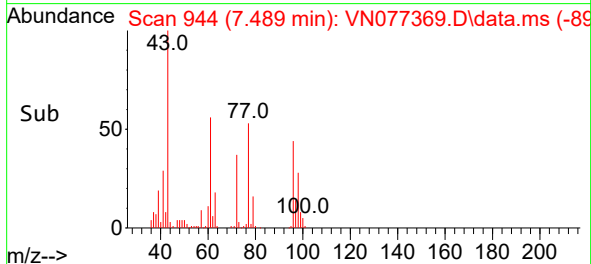
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



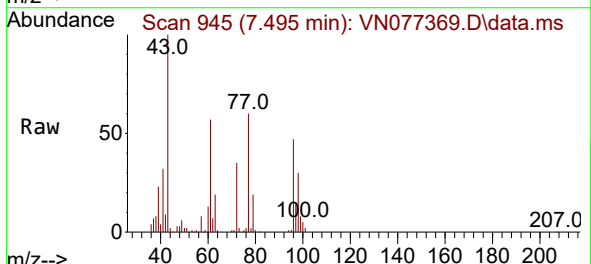
Tgt Ion: 43 Resp: 299840
Ion Ratio Lower Upper
43 100
72 36.9 26.6 39.8

Manual Integrations
APPROVED

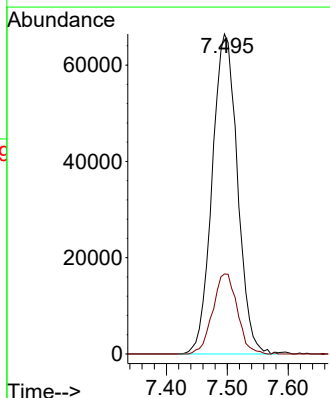
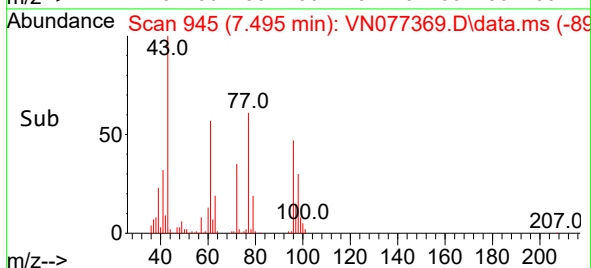
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

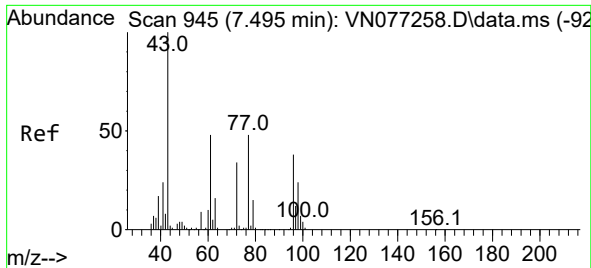


#26
2,2-Dichloropropane
Concen: 16.971 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



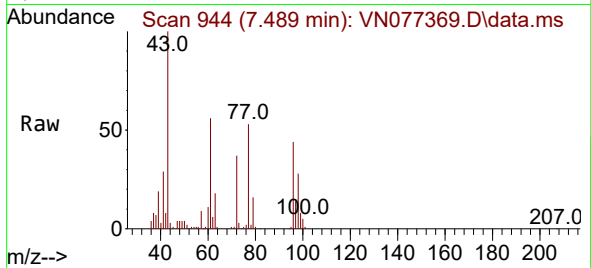
Tgt Ion: 77 Resp: 191847
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 16.130 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

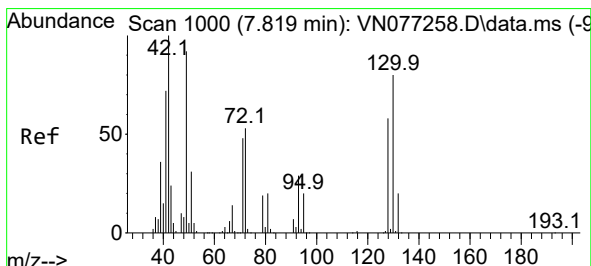
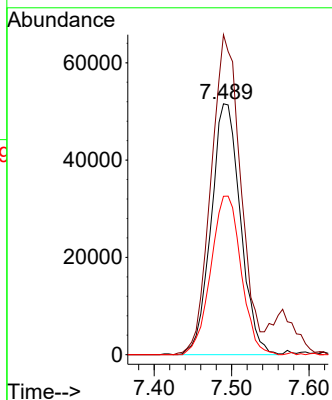
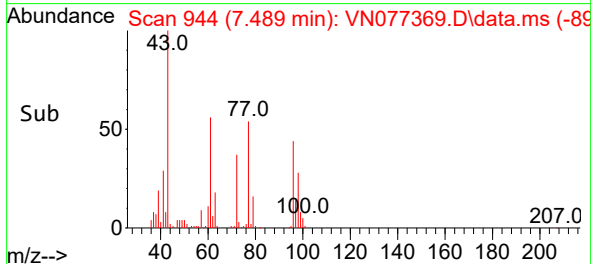
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01



Tgt Ion: 96 Resp: 135972
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 261.0
 98 65.1 0.0 128.0

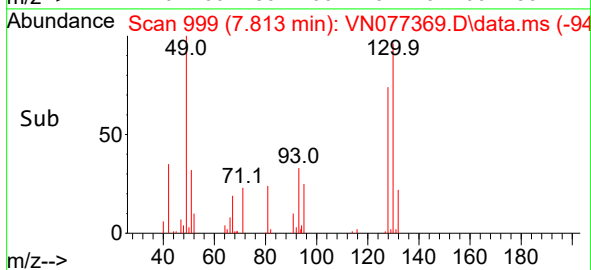
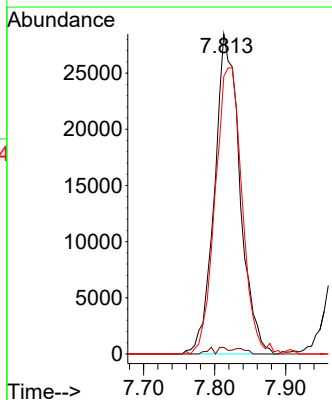
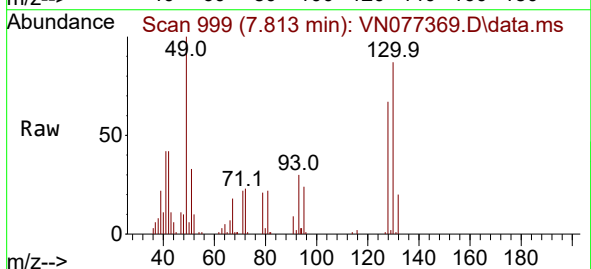
Manual Integrations
 APPROVED

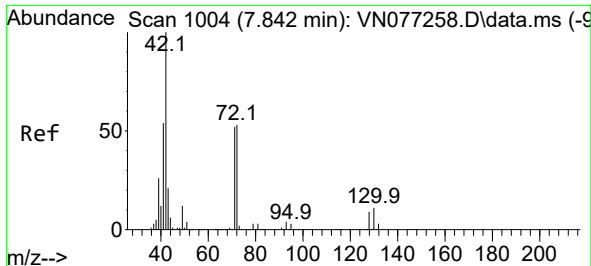
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 14.245 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

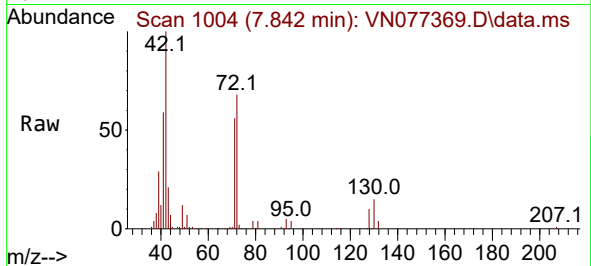
Tgt Ion: 49 Resp: 70639
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.4
 130 94.7 68.4 102.6





#29
Tetrahydrofuran
Concen: 66.311 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

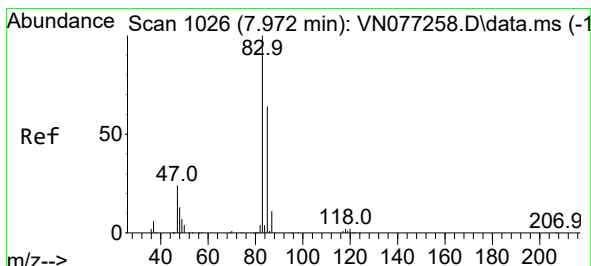
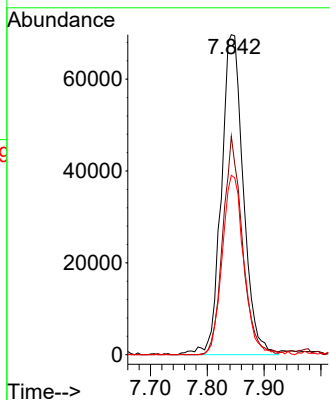
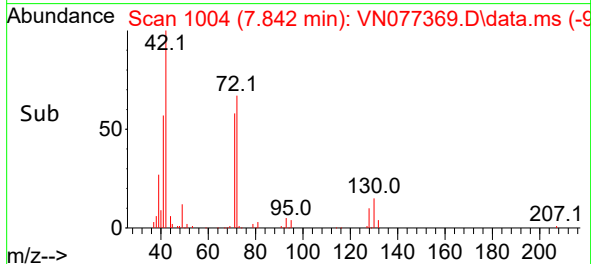
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



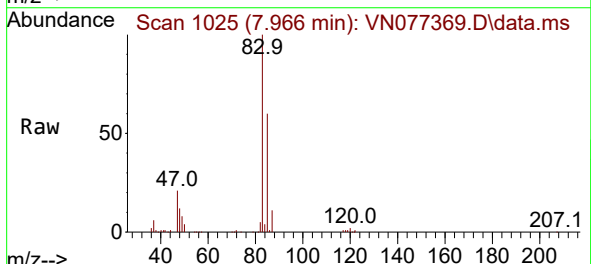
Tgt Ion: 42 Resp: 18763
Ion Ratio Lower Upper
42 100
72 60.3 44.6 66.8
71 55.3 41.3 61.9

Manual Integrations
APPROVED

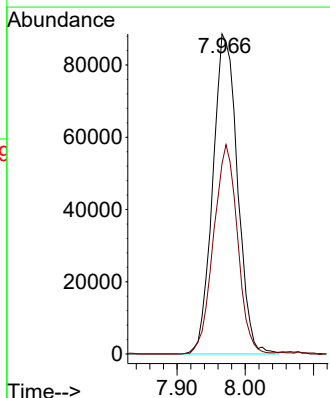
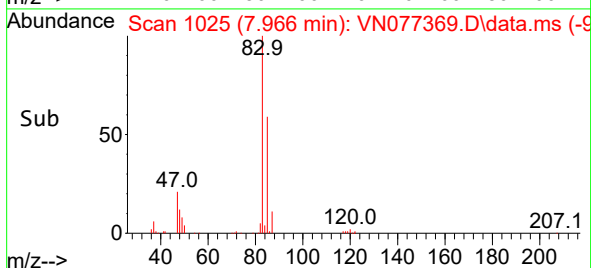
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

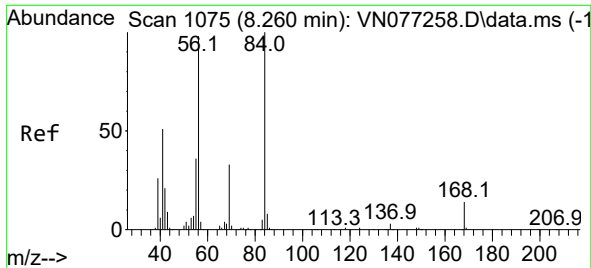


#30
Chloroform
Concen: 16.987 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



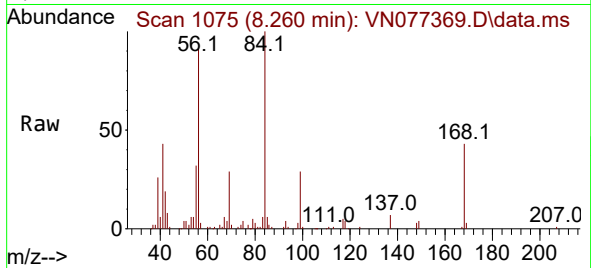
Tgt Ion: 83 Resp: 223314
Ion Ratio Lower Upper
83 100
85 59.5 50.9 76.3





#31
Cyclohexane
Concen: 14.680 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

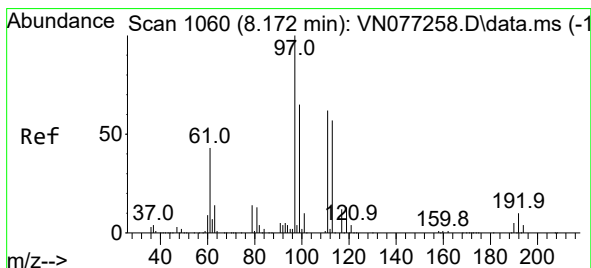
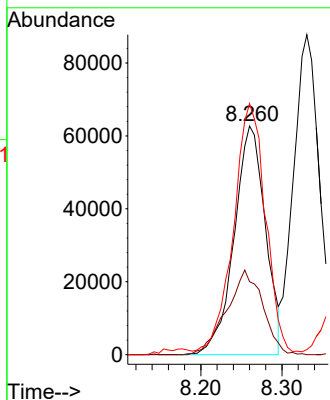
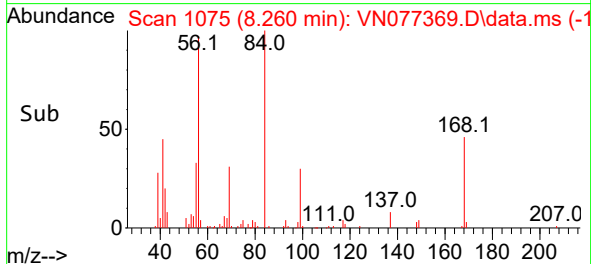
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



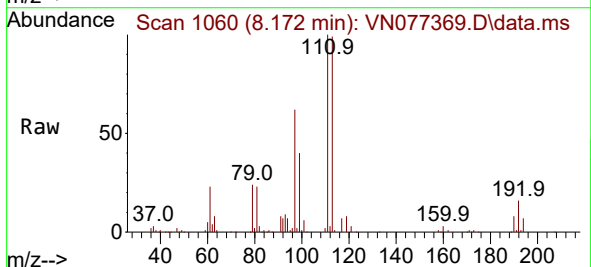
Tgt Ion: 56 Resp: 167794
Ion Ratio Lower Upper
56 100
69 31.9 26.6 40.0
84 107.4 81.8 122.8

Manual Integrations
APPROVED

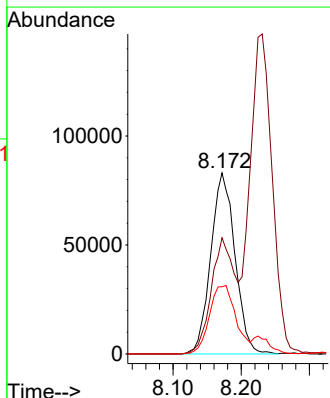
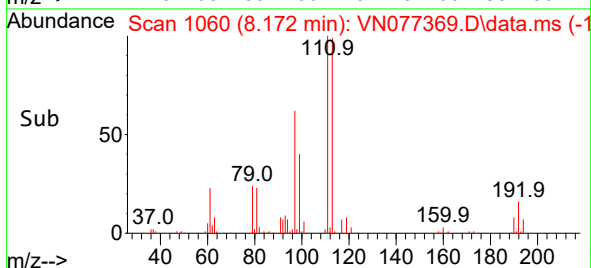
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

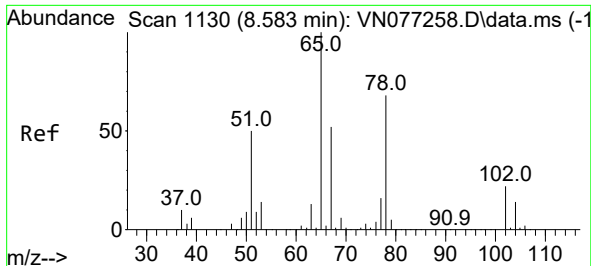


#32
1,1,1-Trichloroethane
Concen: 17.184 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



Tgt Ion: 97 Resp: 205454
Ion Ratio Lower Upper
97 100
99 61.3 54.2 81.4
61 41.4 35.8 53.6





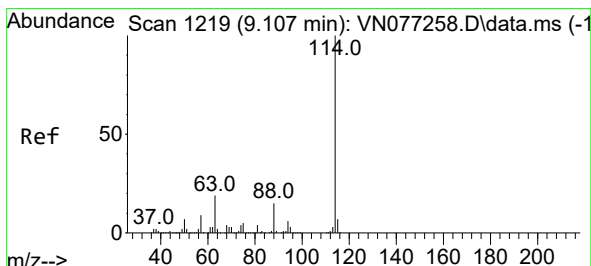
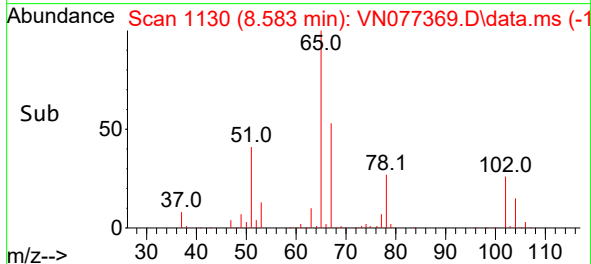
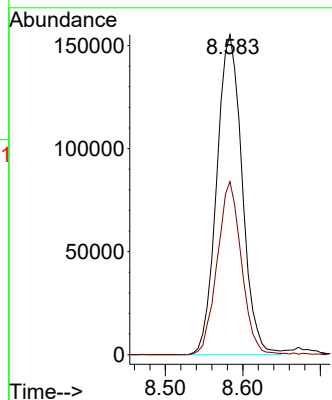
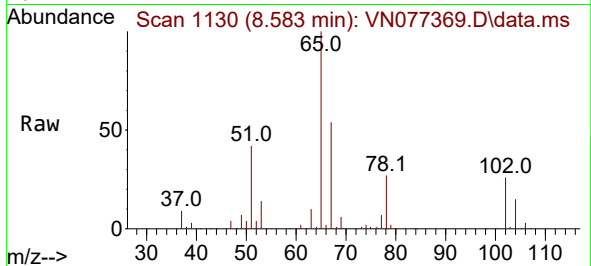
#33
1,2-Dichloroethane-d4
Concen: 48.089 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 65 Resp: 35373
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.8

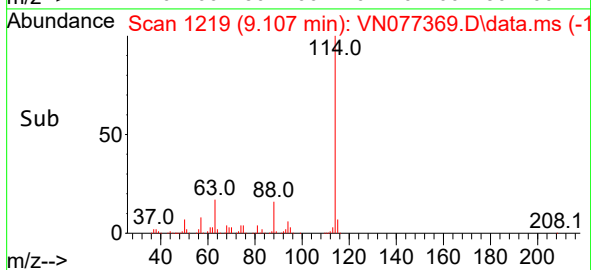
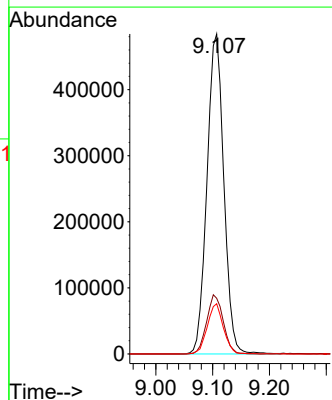
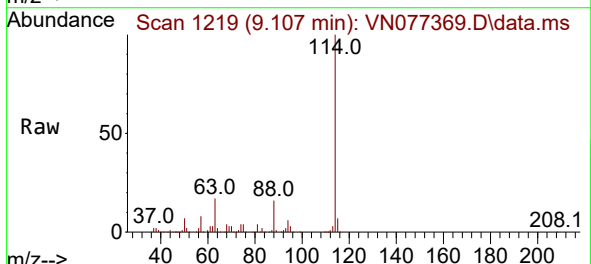
Manual Integrations
APPROVED

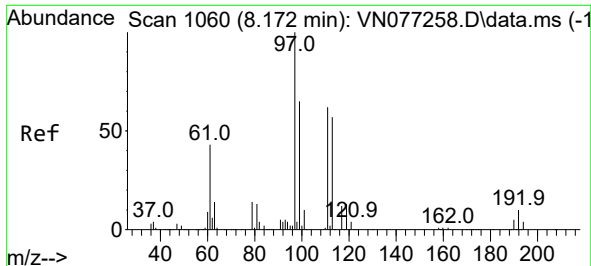
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion:114 Resp: 994588
Ion Ratio Lower Upper
114 100
63 17.4 0.0 37.8
88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.529 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 113 Resp: 31535

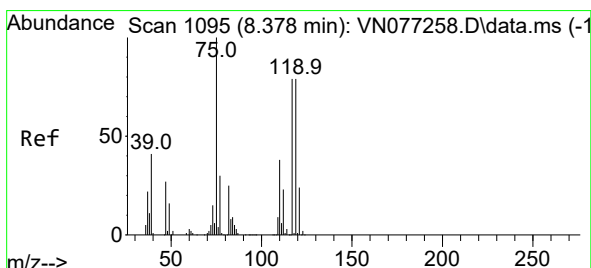
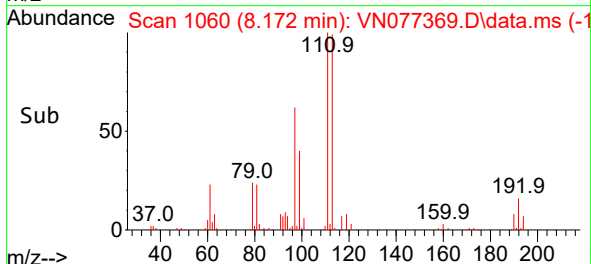
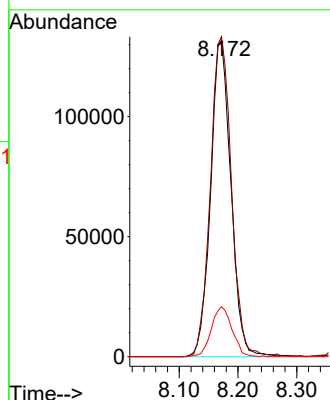
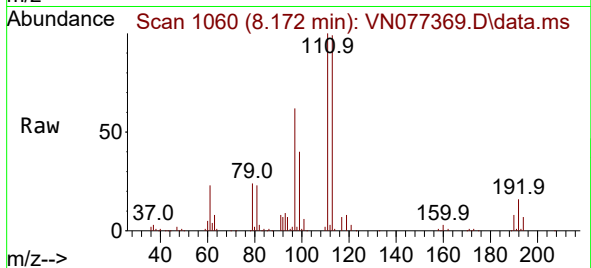
Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.4	125.0
192	16.2	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#36

1,1-Dichloropropene

Concen: 16.241 ug/l

RT: 8.378 min Scan# 1095

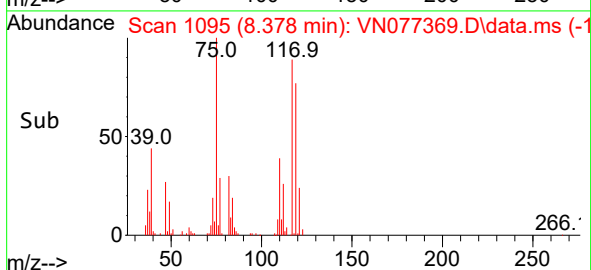
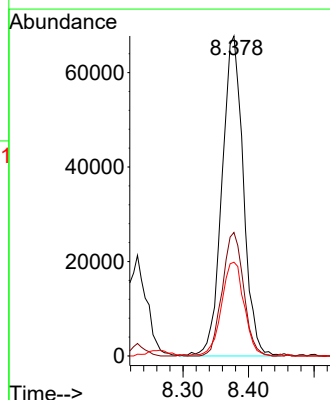
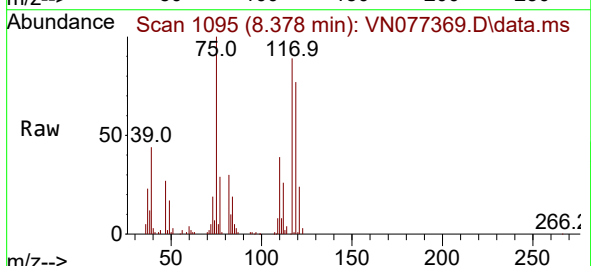
Delta R.T. -0.000 min

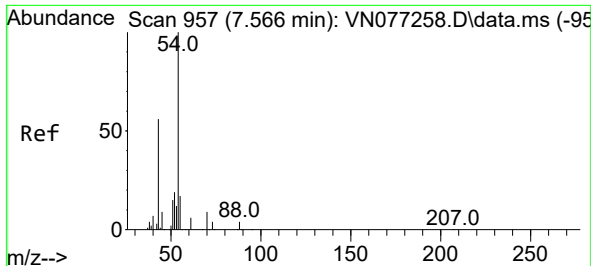
Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion: 75 Resp: 152941

Ion	Ratio	Lower	Upper
75	100		
110	38.5	17.8	53.5
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 14.400 ug/l

RT: 7.560 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 43 Resp: 121329

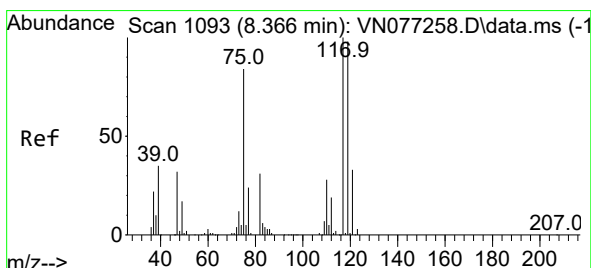
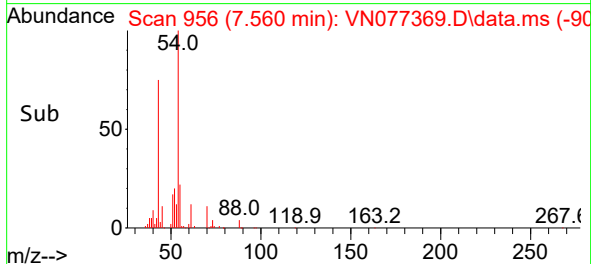
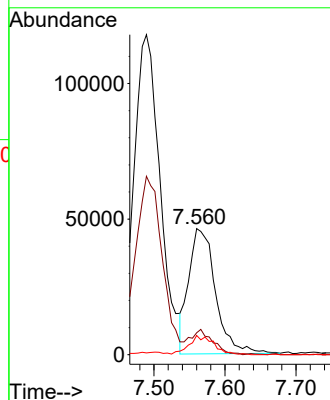
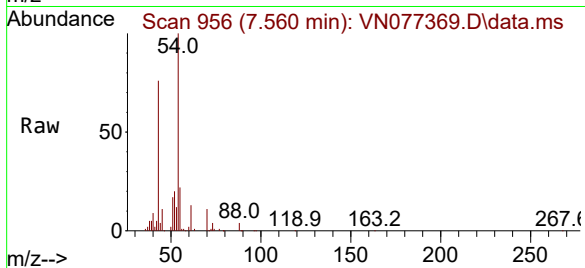
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.2
70	13.3	10.0	15.0

Manual Integrations

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Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#38

Carbon Tetrachloride

Concen: 18.045 ug/l

RT: 8.372 min Scan# 1094

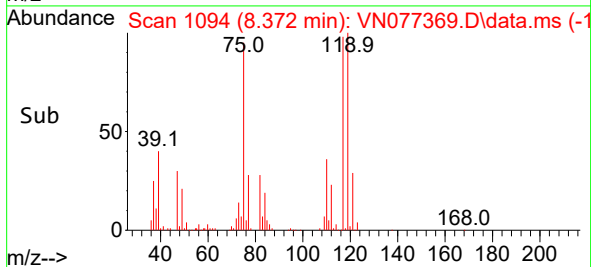
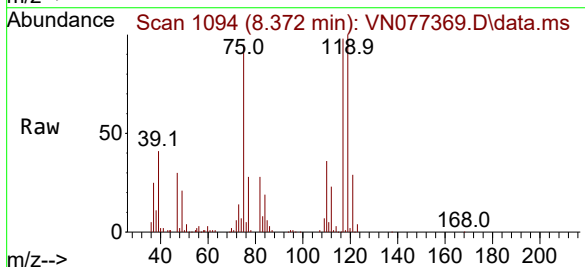
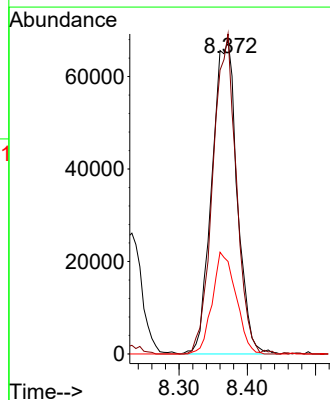
Delta R.T. 0.006 min

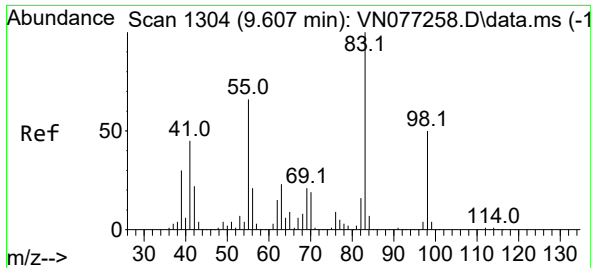
Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion:117 Resp: 174099

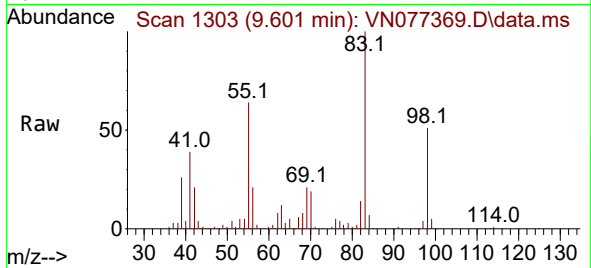
Ion	Ratio	Lower	Upper
117	100		
119	102.0	78.5	117.7
121	29.5	26.6	40.0





#39
Methylcyclohexane
Concen: 16.076 ug/l
RT: 9.601 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

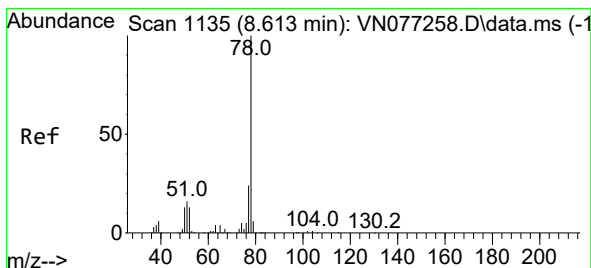
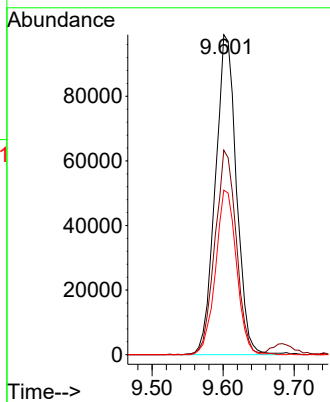
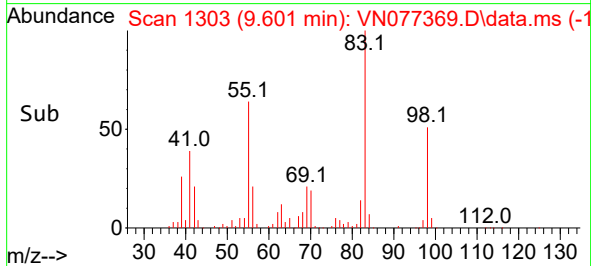
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 83 Resp: 204138
Ion Ratio Lower Upper
83 100
55 63.8 52.4 78.6
98 51.4 39.8 59.6

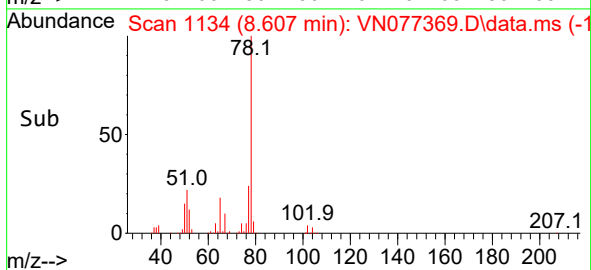
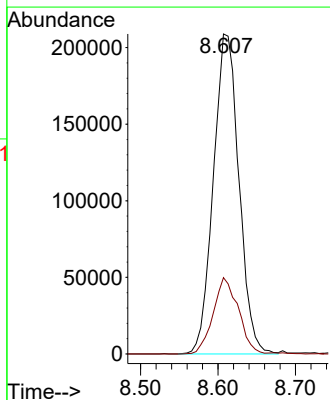
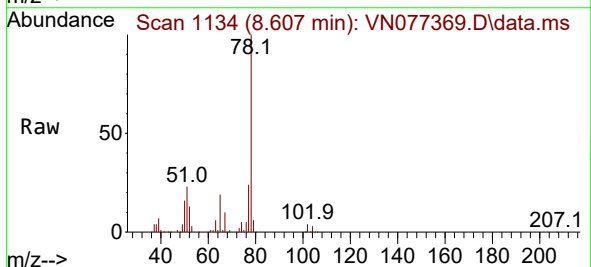
Manual Integrations
APPROVED

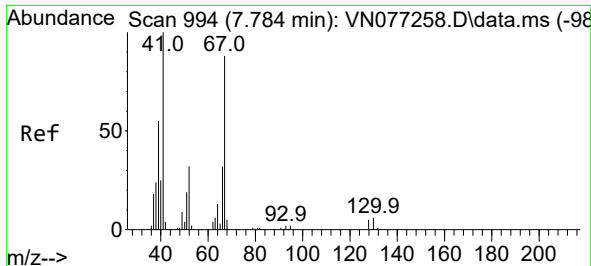
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#40
Benzene
Concen: 16.310 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

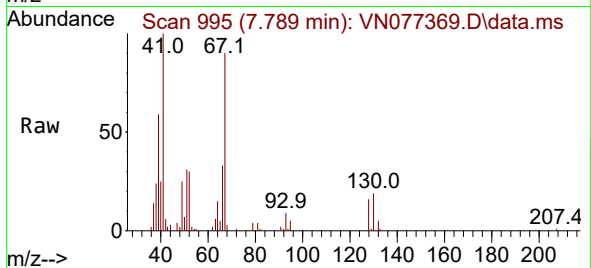
Tgt Ion: 78 Resp: 479061
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3





#41
Methacrylonitrile
Concen: 14.254 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

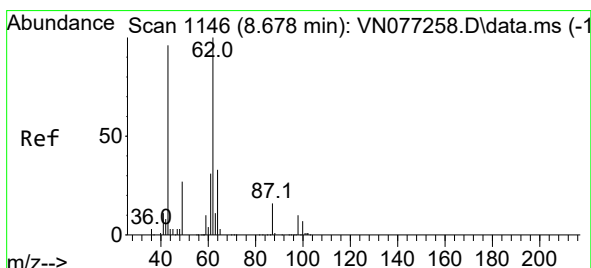
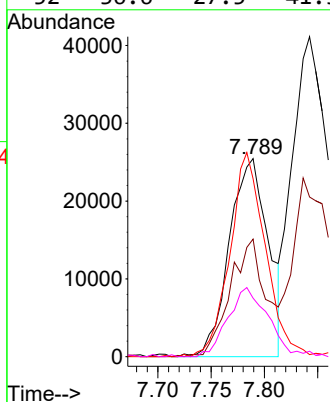
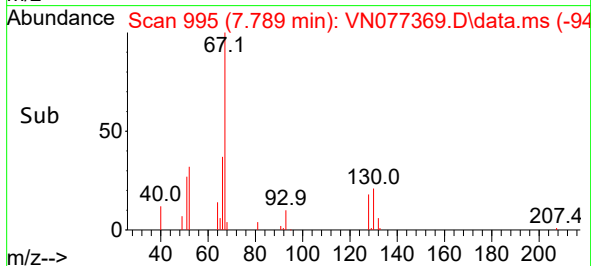
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 41 Resp: 64550
Ion Ratio Lower Upper
41 100
39 55.0 44.1 66.1
67 94.5 71.4 107.2
52 36.6 27.5 41.3

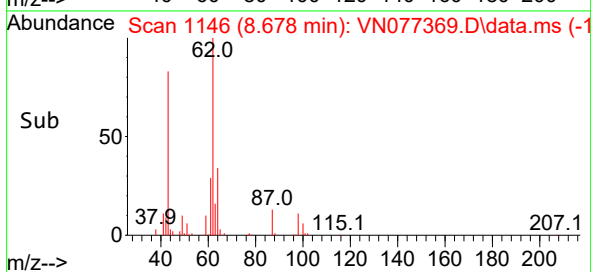
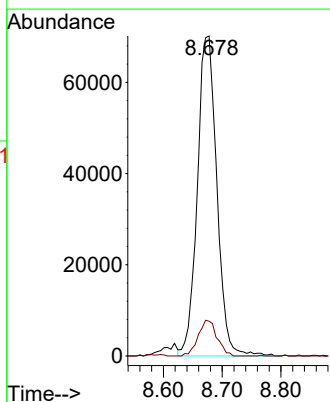
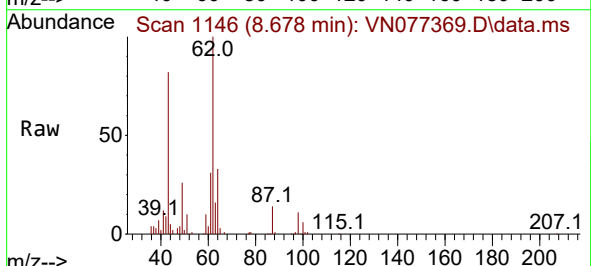
Manual Integrations
APPROVED

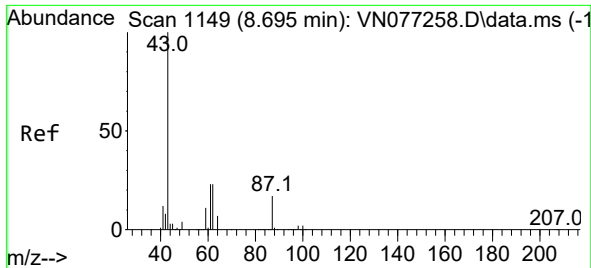
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#42
1,2-Dichloroethane
Concen: 17.927 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

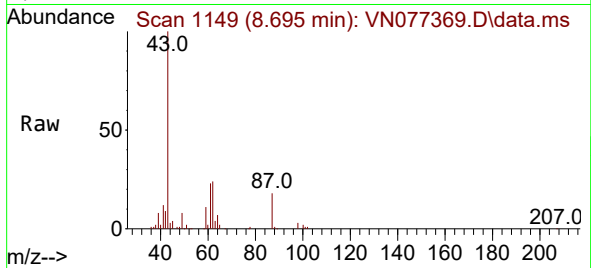
Tgt Ion: 62 Resp: 162065
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 14.370 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

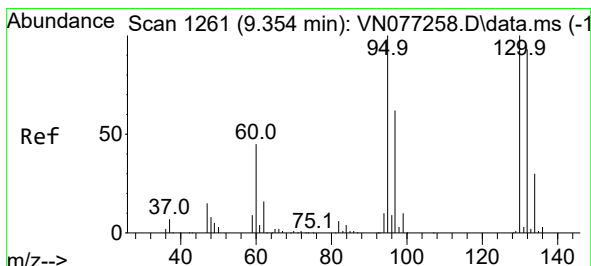
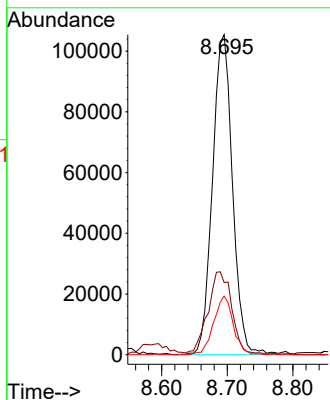
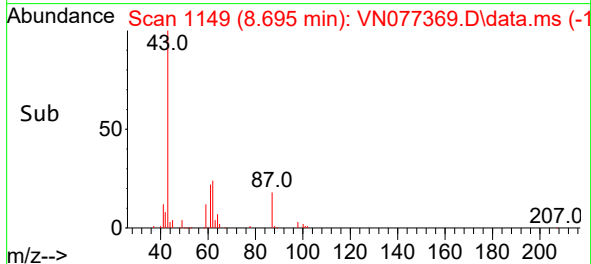
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 43 Resp: 223409
Ion Ratio Lower Upper
43 100
61 30.7 22.7 34.1
87 17.8 13.6 20.4

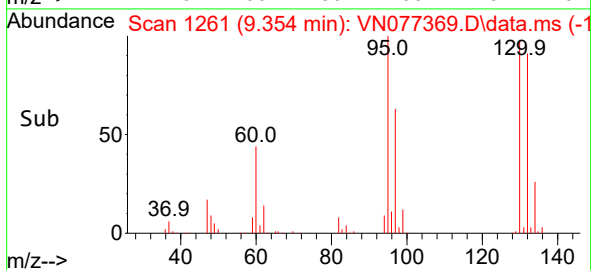
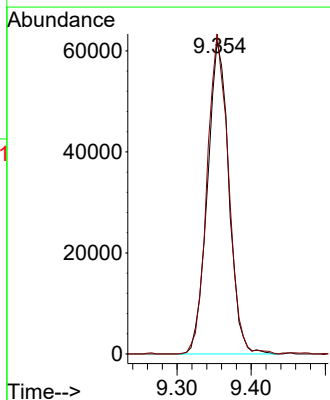
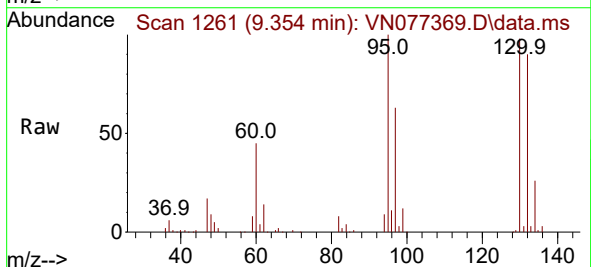
Manual Integrations
APPROVED

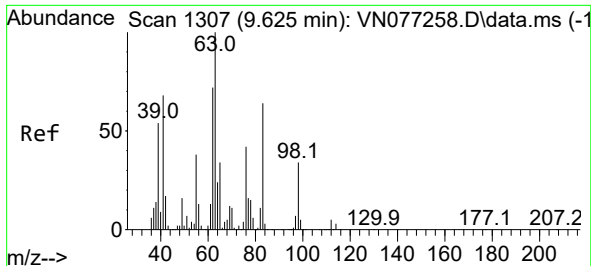
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 17.650 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion:130 Resp: 124043
Ion Ratio Lower Upper
130 100
95 102.5 0.0 200.2





#45

1,2-Dichloropropane

Concen: 17.087 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 63 Resp: 119194

Ion Ratio Lower Upper

63 100

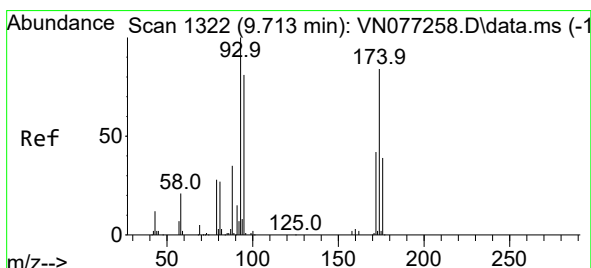
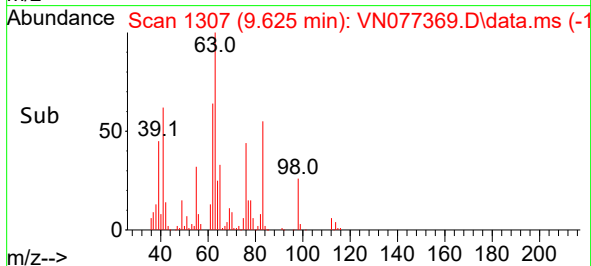
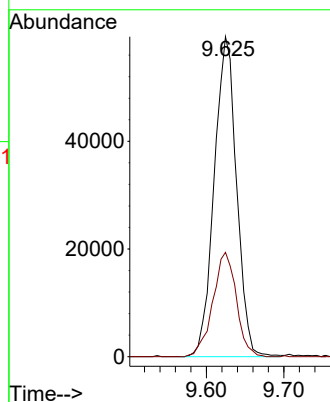
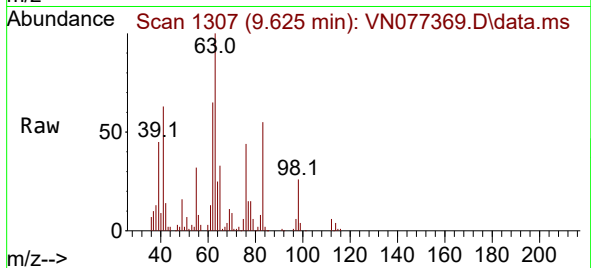
65 32.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 16.703 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

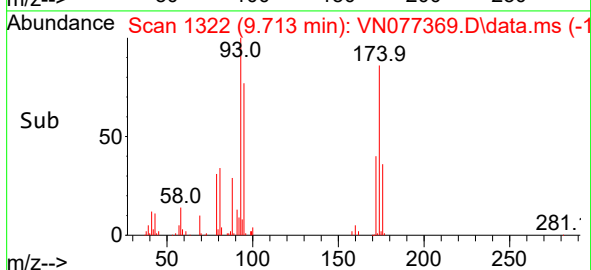
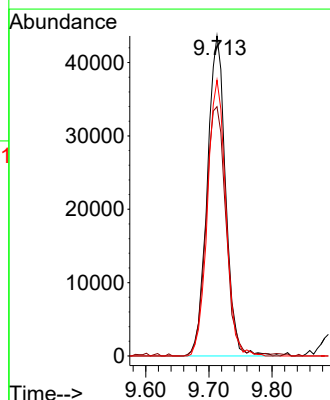
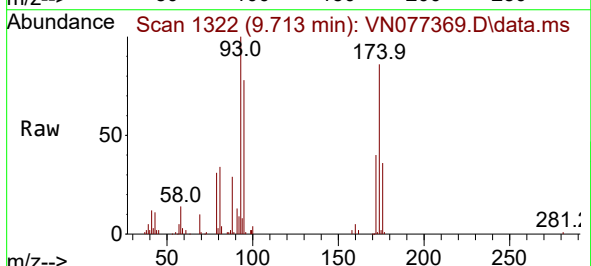
Tgt Ion: 93 Resp: 87786

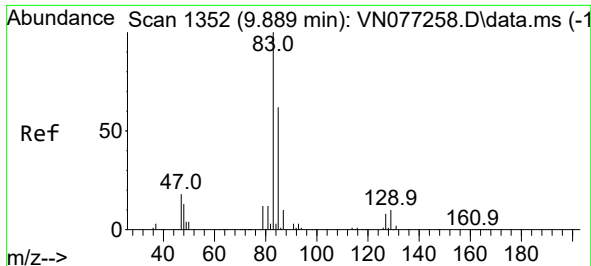
Ion Ratio Lower Upper

93 100

95 84.7 65.8 98.6

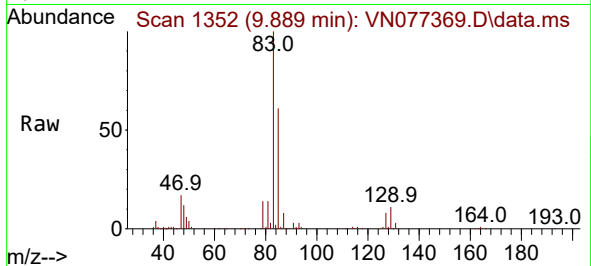
174 86.3 66.0 99.0





#47
Bromodichloromethane
Concen: 17.196 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

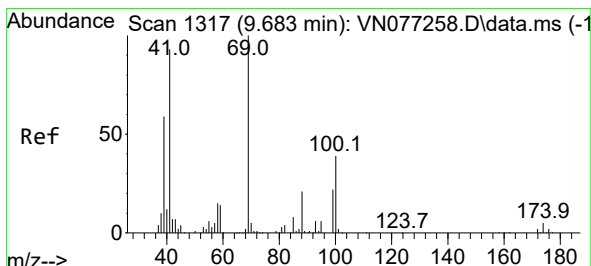
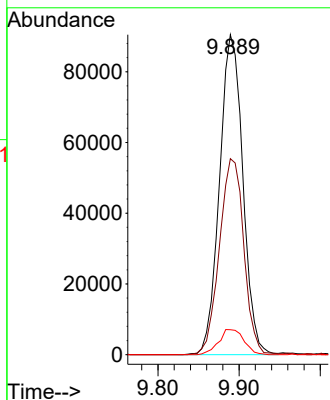
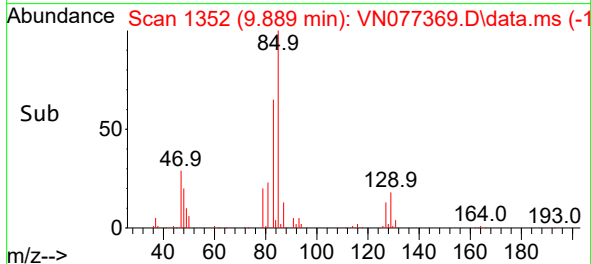
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



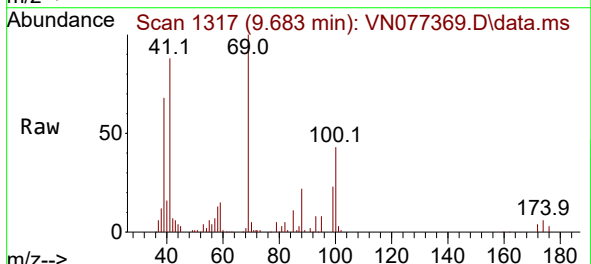
Tgt Ion: 83 Resp: 18064
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.8
127 7.8 6.2 9.2

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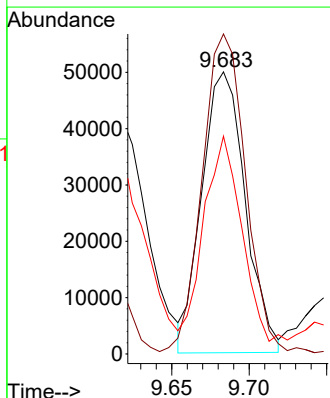
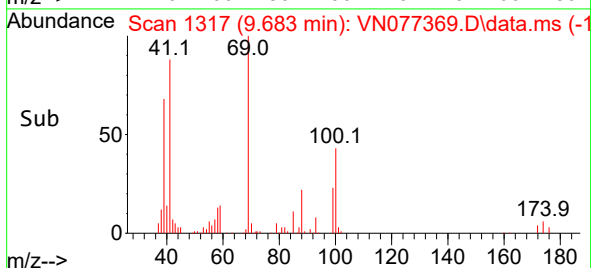
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

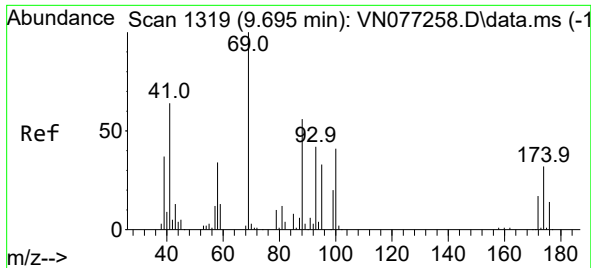


#48
Methyl methacrylate
Concen: 14.626 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



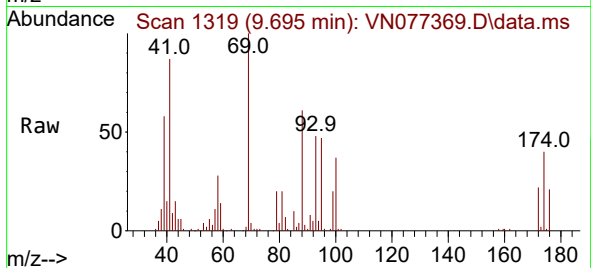
Tgt Ion: 41 Resp: 97000
Ion Ratio Lower Upper
41 100
69 113.8 85.0 127.6
39 72.4 53.5 80.3





#49
1,4-Dioxane
Concen: 298.925 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

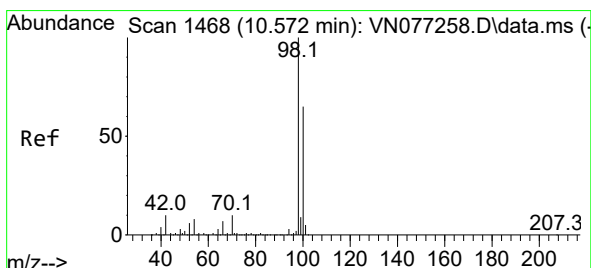
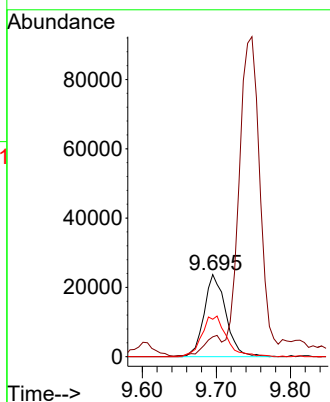
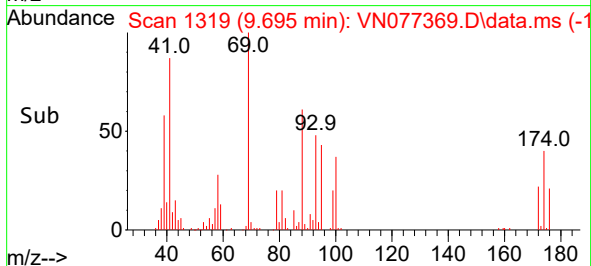
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



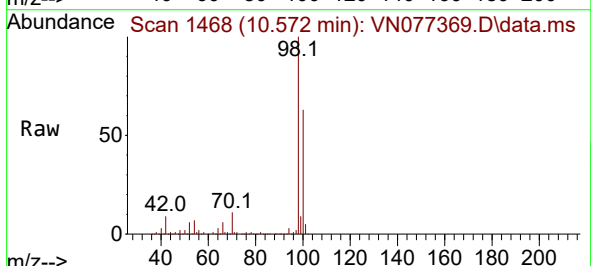
Tgt Ion: 88 Resp: 4806
Ion Ratio Lower Upper
88 100
43 19.6 17.0 25.6
58 56.3 49.8 74.6

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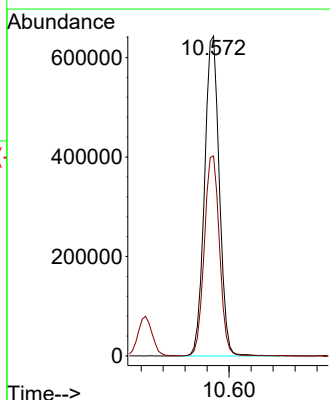
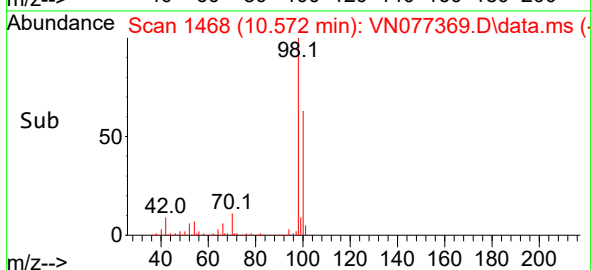
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

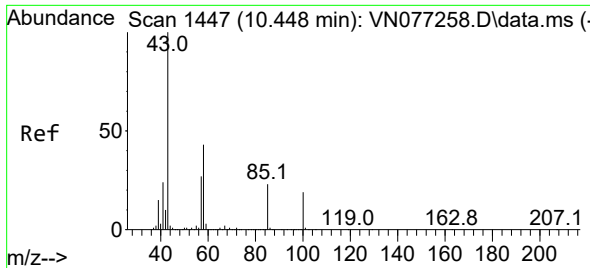


#50
Toluene-d8
Concen: 46.823 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



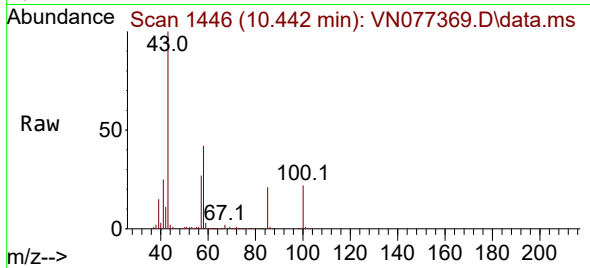
Tgt Ion: 98 Resp: 1200145
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 71.760 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

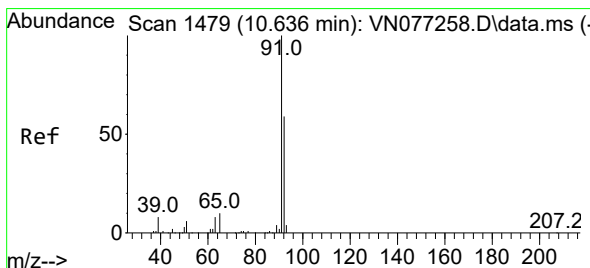
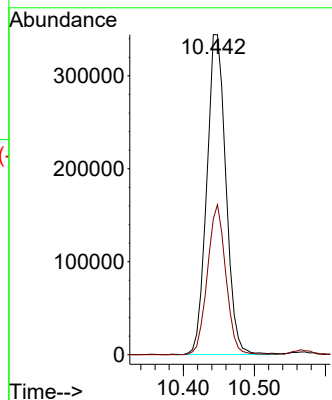
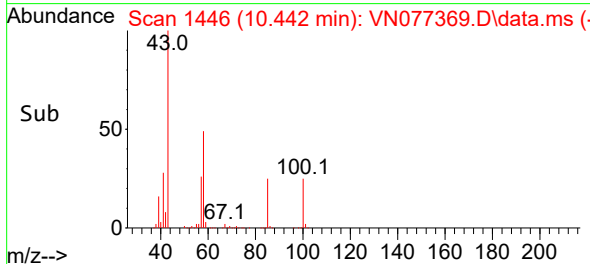
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 43 Resp: 644860
Ion Ratio Lower Upper
43 100
58 45.0 34.6 52.0

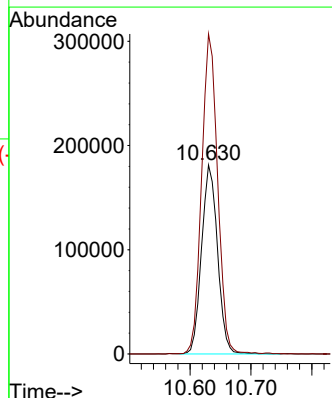
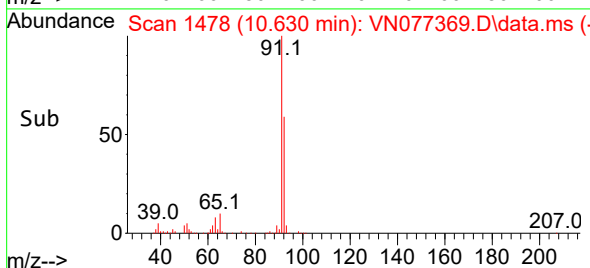
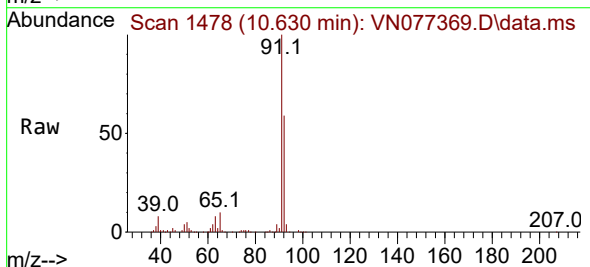
Manual Integrations
APPROVED

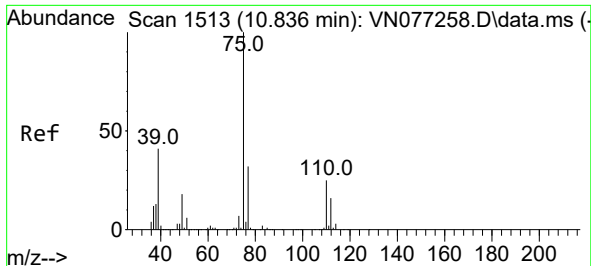
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 17.159 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

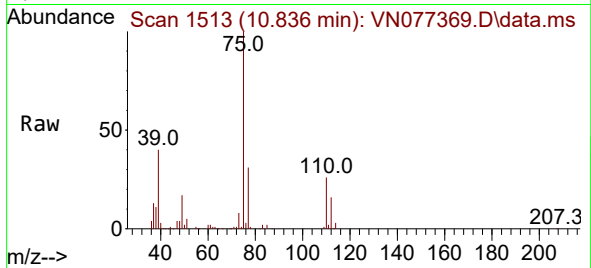
Tgt Ion: 92 Resp: 329885
Ion Ratio Lower Upper
92 100
91 169.8 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 16.392 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

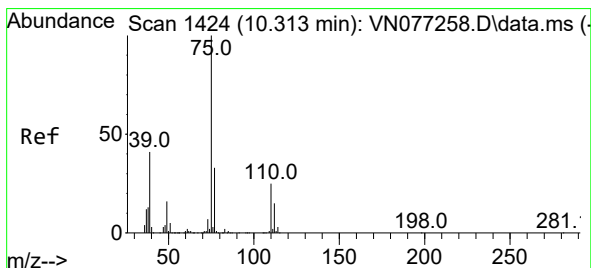
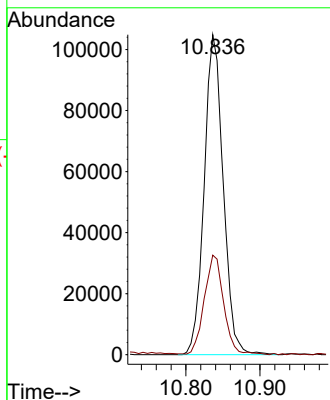
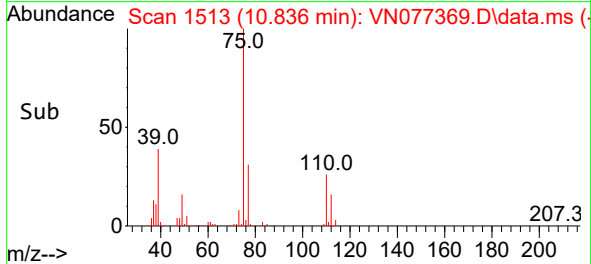
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01



Tgt Ion: 75 Resp: 186994
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0

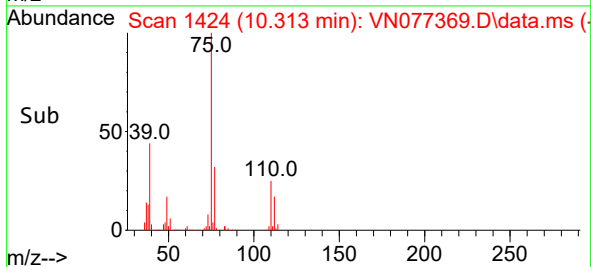
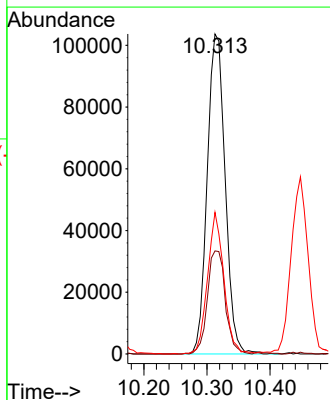
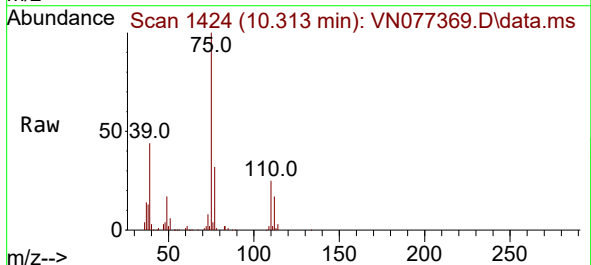
Manual Integrations
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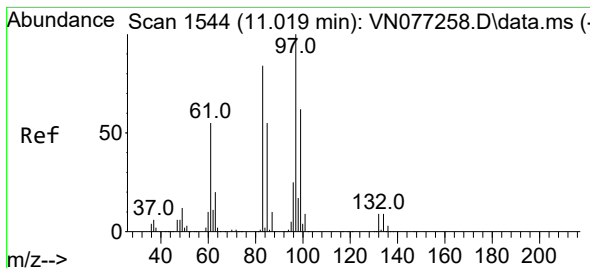
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 16.851 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

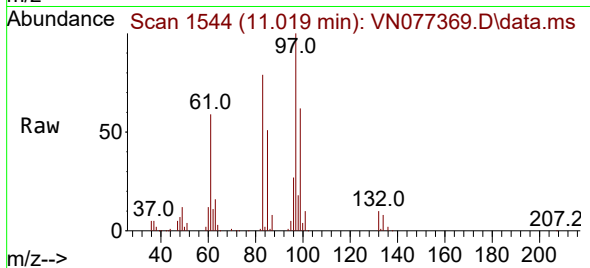
Tgt Ion: 75 Resp: 204753
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.7 40.1
 39 44.2 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 17.359 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

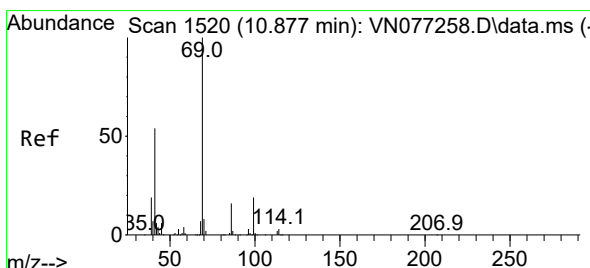
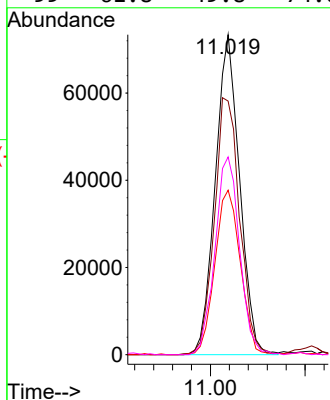
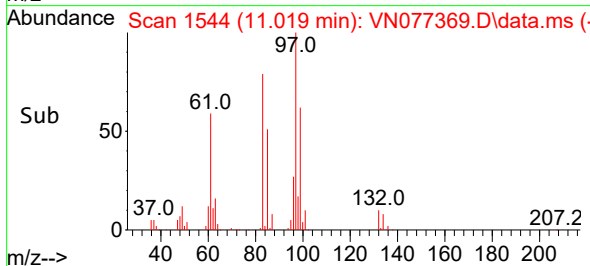
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion:	97	Resp:	13100
Ion	Ratio	Lower	Upper
97	100		
83	79.2	67.4	101.2
85	51.4	44.1	66.1
99	61.8	49.8	74.6

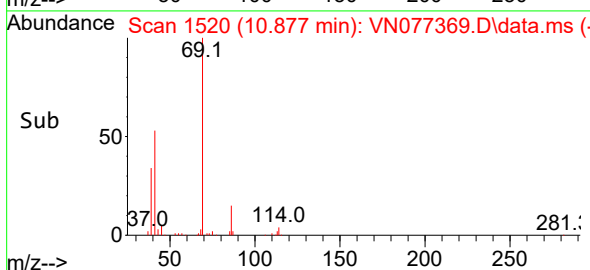
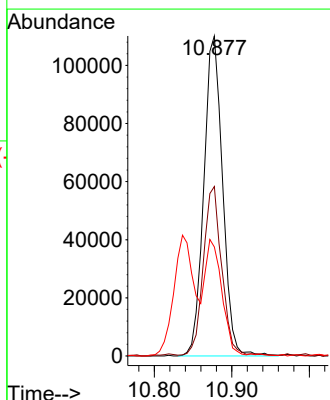
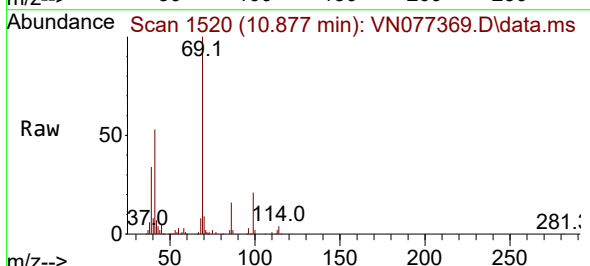
Manual Integrations
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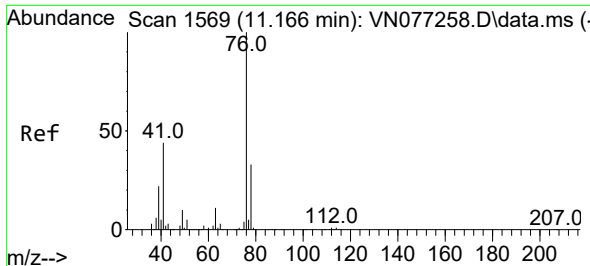
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#56
Ethyl methacrylate
Concen: 15.763 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion:	69	Resp:	185287
Ion	Ratio	Lower	Upper
69	100		
41	51.8	42.8	64.2
39	31.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 16.823 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 76 Resp: 20975

Ion Ratio Lower Upper

76 100

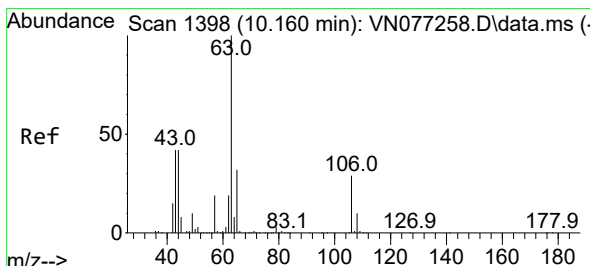
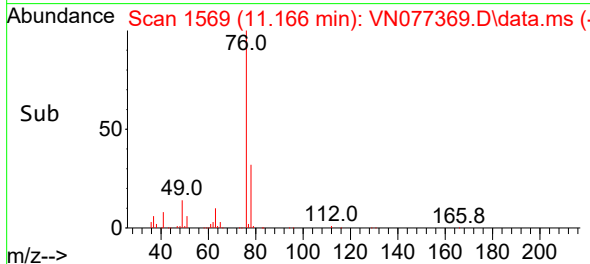
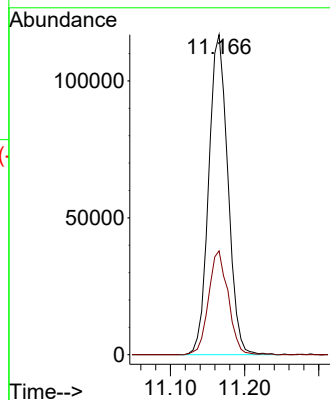
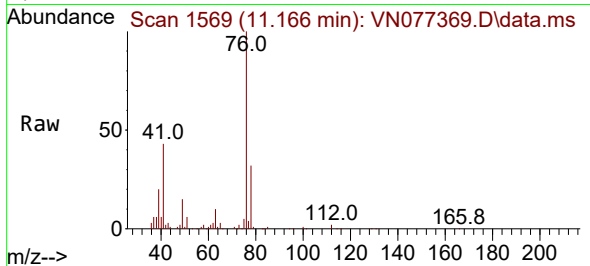
78 33.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.354 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077369.D

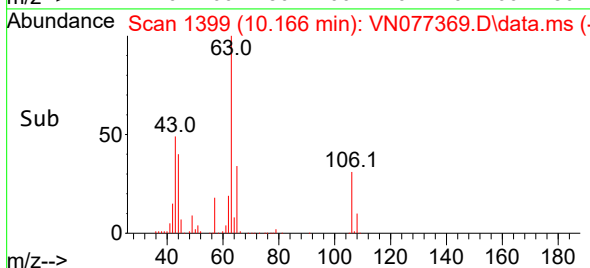
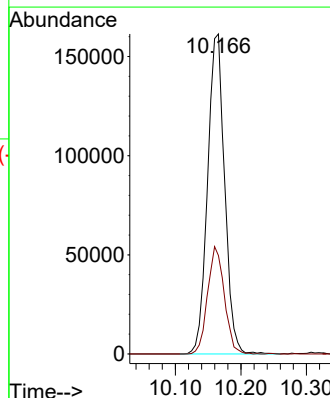
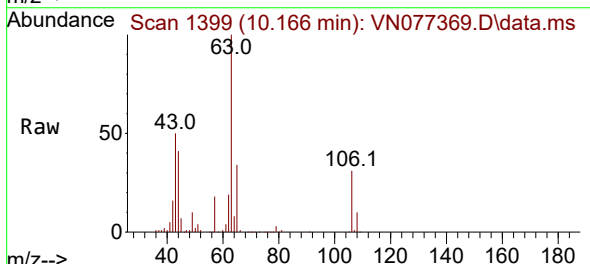
Acq: 19 Apr 2023 12:19

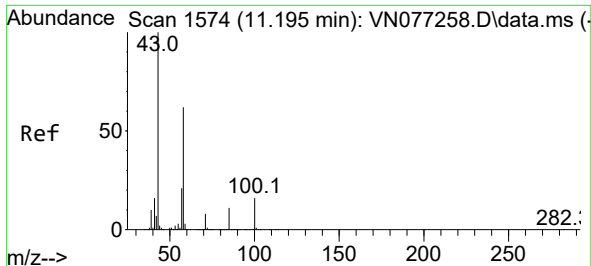
Tgt Ion: 63 Resp: 291673

Ion Ratio Lower Upper

63 100

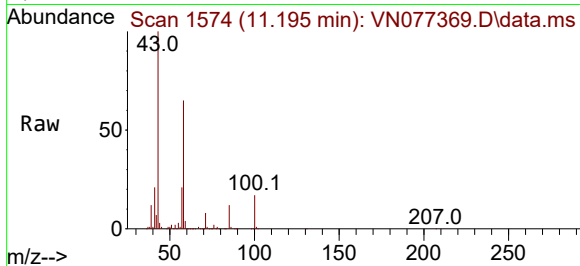
106 33.0 24.1 36.1





#59
2-Hexanone
Concen: 70.138 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

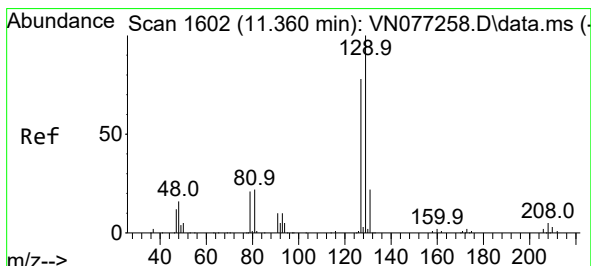
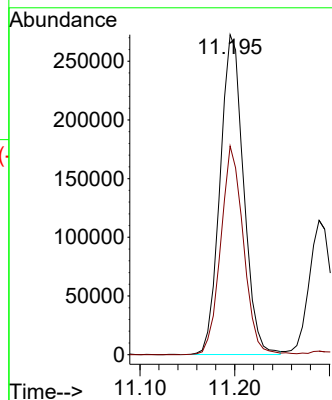
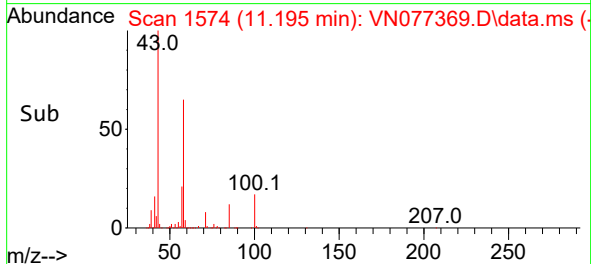
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 43 Resp: 469564
Ion Ratio Lower Upper
43 100
58 63.2 30.9 92.5

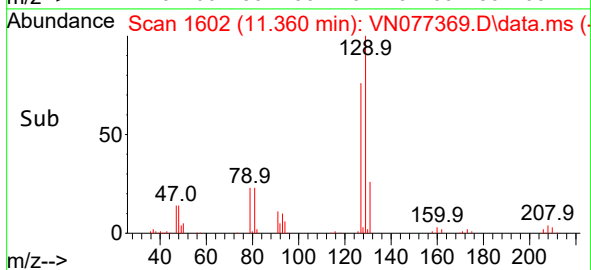
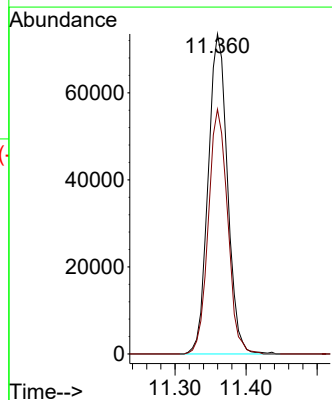
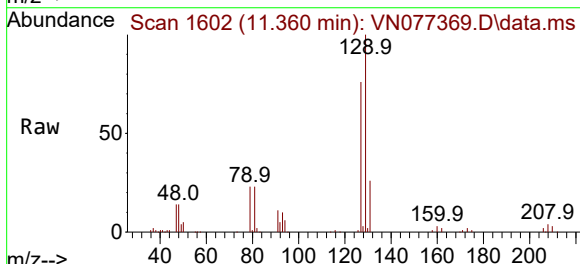
Manual Integrations
APPROVED

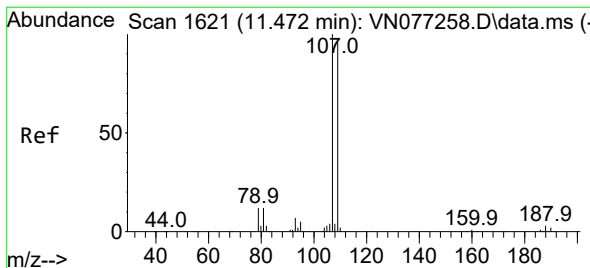
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 17.888 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

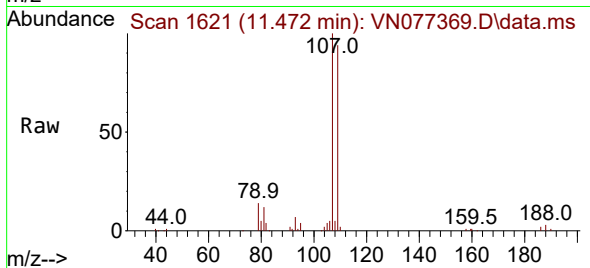
Tgt Ion:129 Resp: 139036
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.5





#61
1,2-Dibromoethane
Concen: 17.094 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

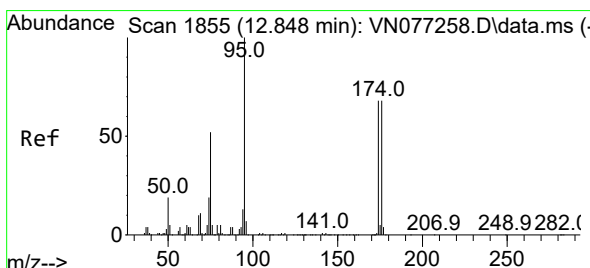
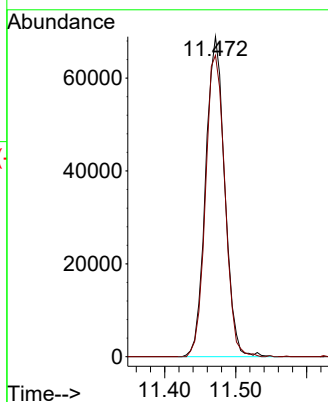
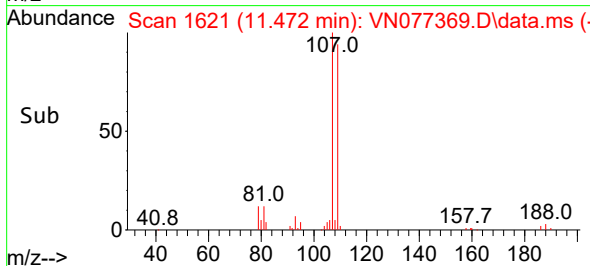
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



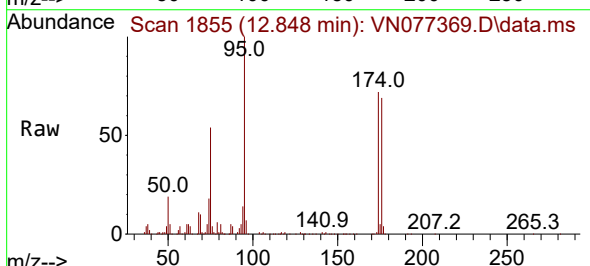
Tgt Ion:107 Resp: 12876
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

Manual Integrations
APPROVED

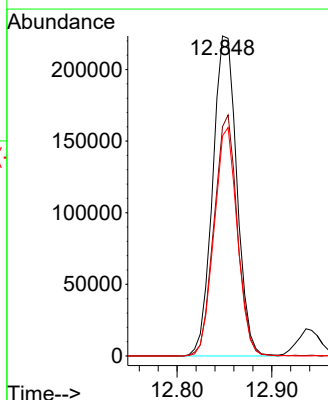
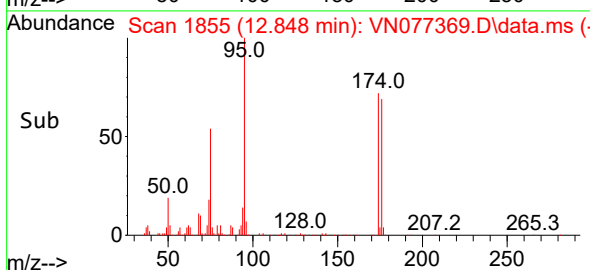
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

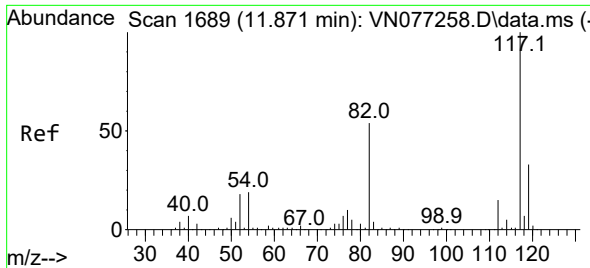


#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



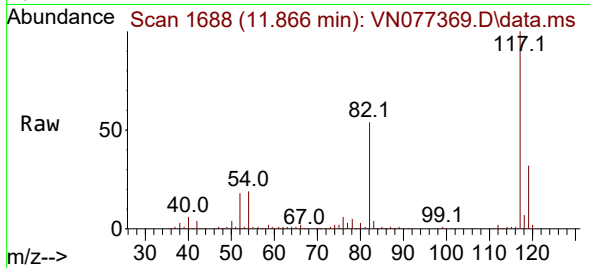
Tgt Ion: 95 Resp: 396138
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.8
176 68.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

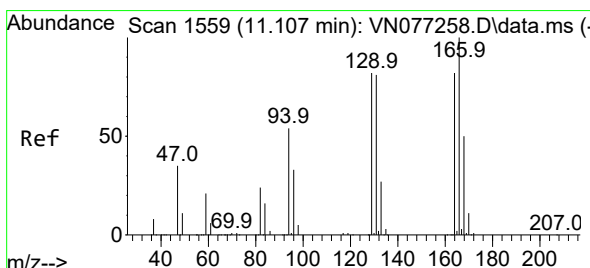
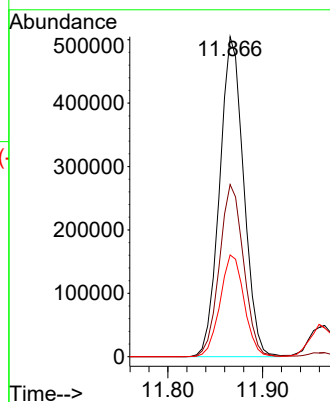
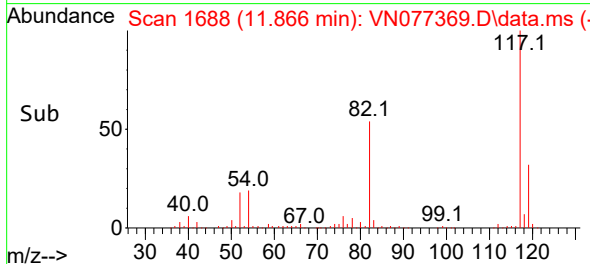
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



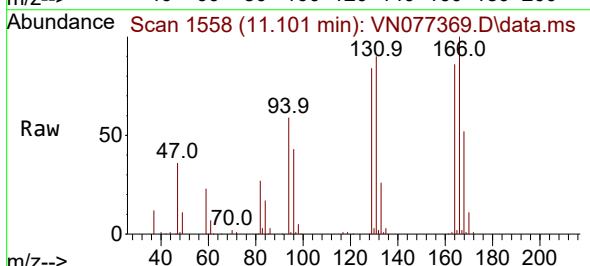
Tgt Ion:117 Resp: 890420
Ion Ratio Lower Upper
117 100
82 53.8 42.9 64.3
119 31.8 26.2 39.4

Manual Integrations
APPROVED

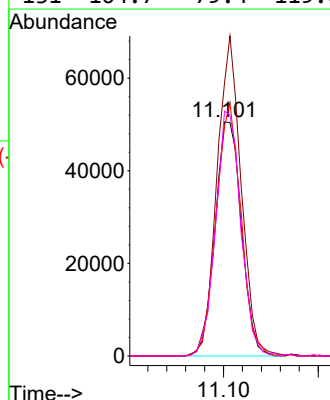
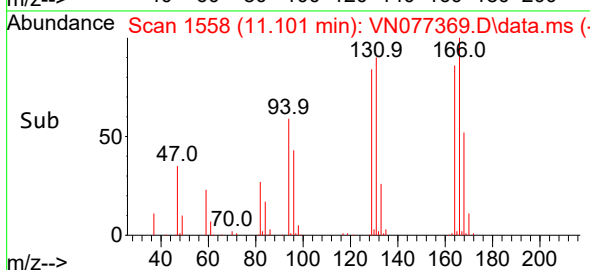
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

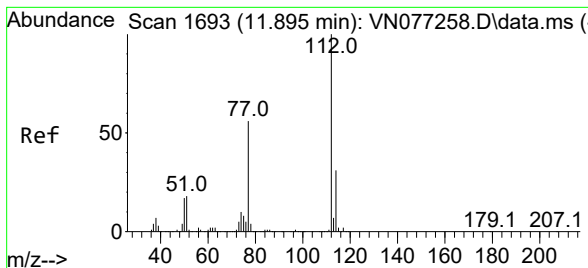


#64
Tetrachloroethene
Concen: 17.715 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



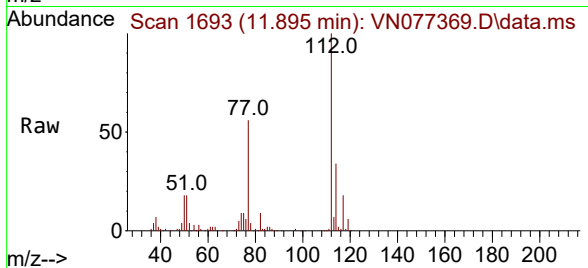
Tgt Ion:164 Resp: 97445
Ion Ratio Lower Upper
164 100
166 116.6 97.8 146.6
129 98.1 80.1 120.1
131 104.7 79.4 119.0





#65
Chlorobenzene
Concen: 17.710 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

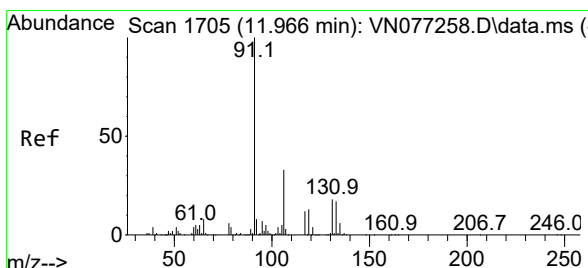
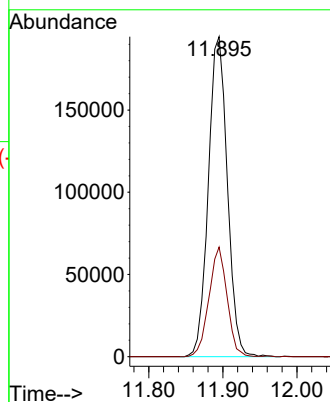
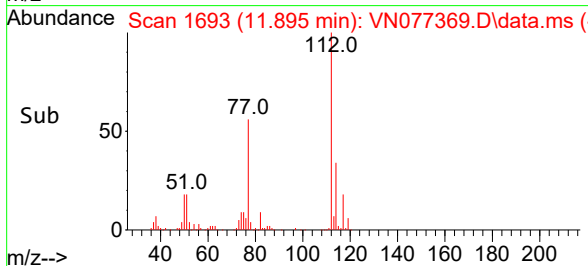
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



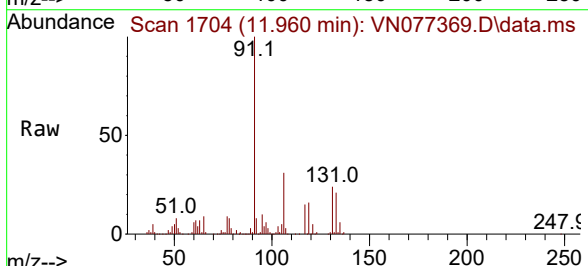
Tgt Ion:112 Resp: 347190
Ion Ratio Lower Upper
112 100
114 34.3 24.6 36.8

Manual Integrations
APPROVED

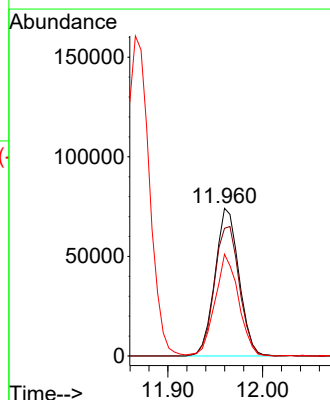
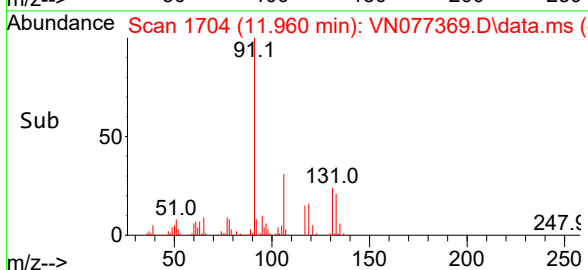
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

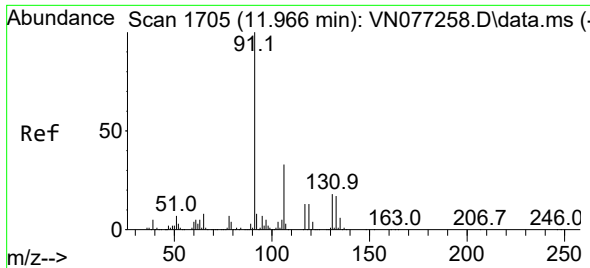


#66
1,1,1,2-Tetrachloroethane
Concen: 17.582 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



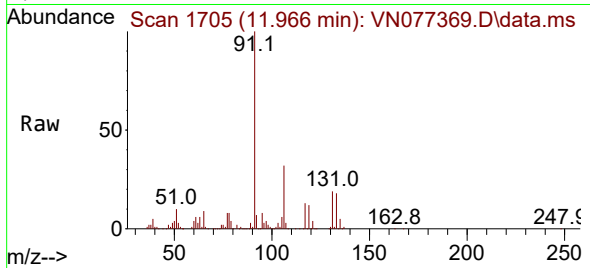
Tgt Ion:131 Resp: 130411
Ion Ratio Lower Upper
131 100
133 91.8 46.9 140.6
119 67.9 34.0 102.0





#67
Ethyl Benzene
Concen: 17.079 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

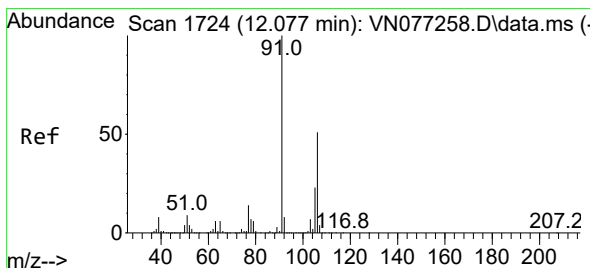
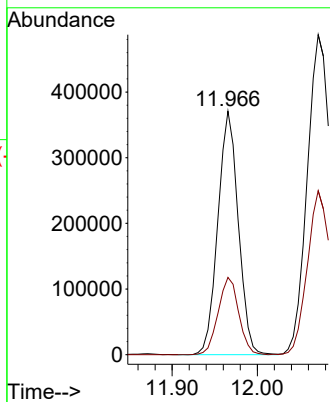
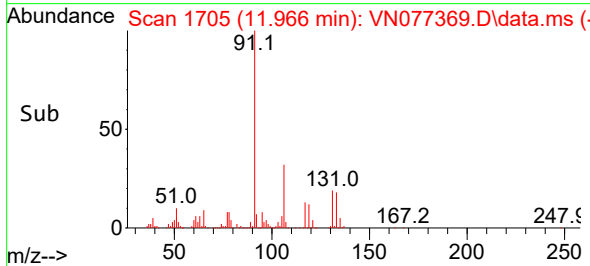
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



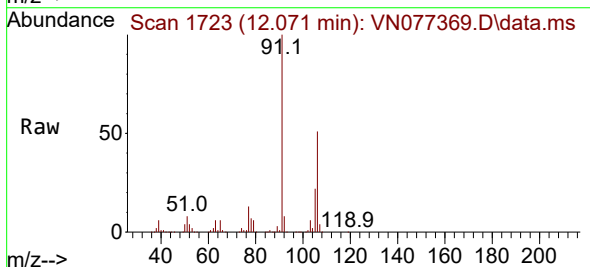
Tgt Ion: 91 Resp: 61783
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2

Manual Integrations
APPROVED

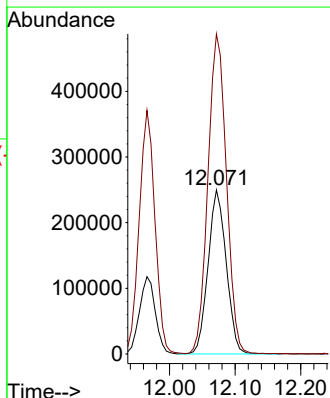
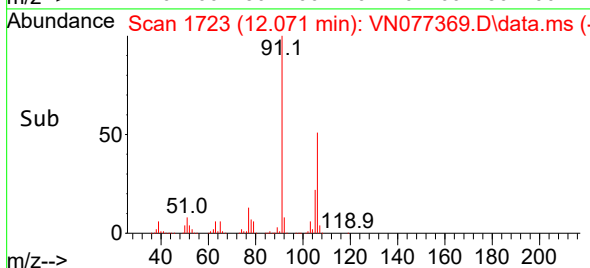
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

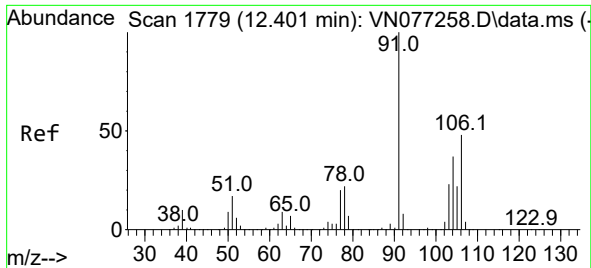


#68
m/p-Xylenes
Concen: 33.825 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



Tgt Ion:106 Resp: 480787
Ion Ratio Lower Upper
106 100
91 197.8 158.7 238.1





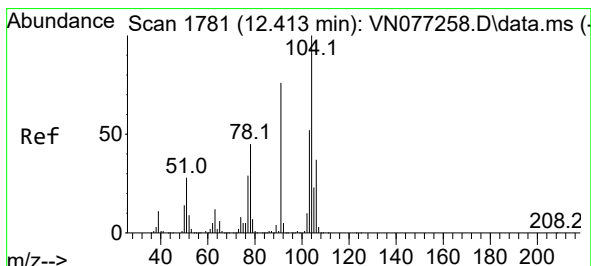
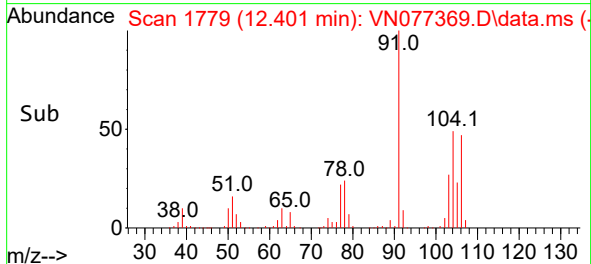
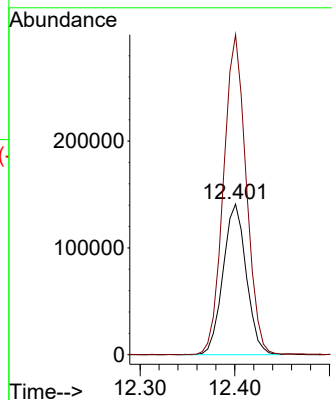
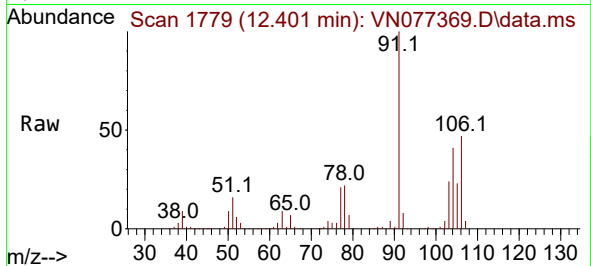
#69
o-Xylene
Concen: 17.126 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:106 Resp: 240154
Ion Ratio Lower Upper
106 100
91 207.7 104.0 312.0

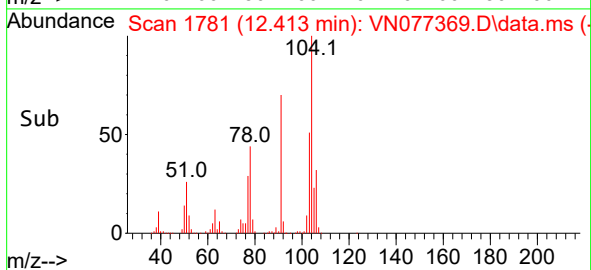
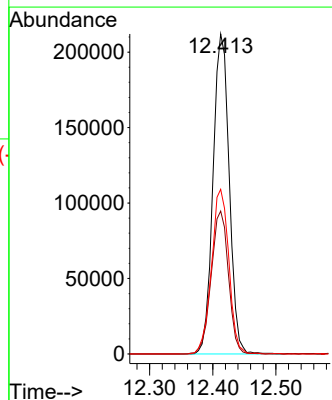
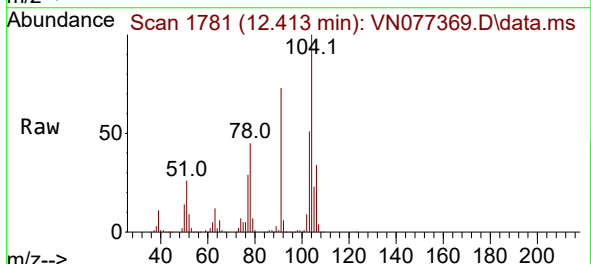
Manual Integrations
APPROVED

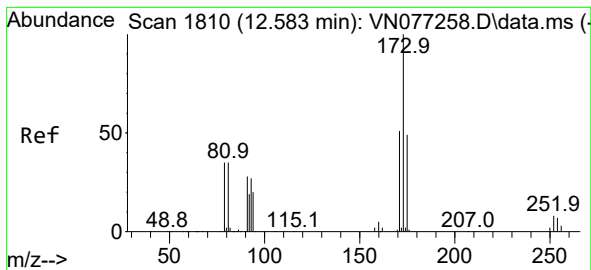
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 16.730 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion:104 Resp: 377508
Ion Ratio Lower Upper
104 100
78 47.6 38.0 57.0
103 55.0 43.1 64.7





#71

Bromoform

Concen: 16.870 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

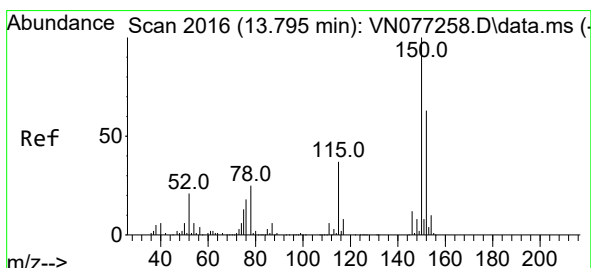
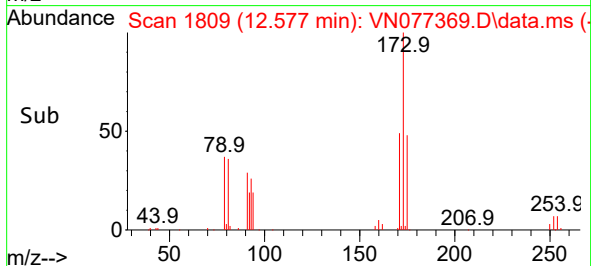
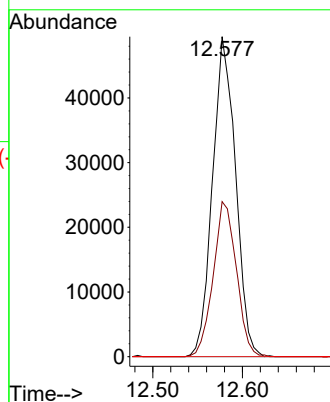
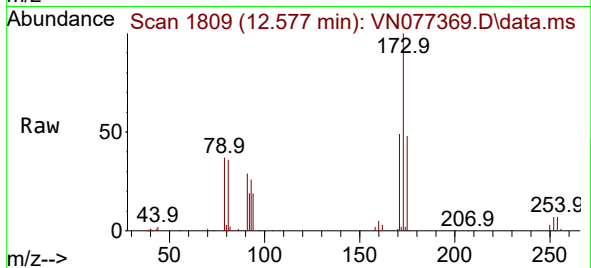
Tgt Ion:173 Resp: 88085
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.1 72.4
 254 0.0 0.1 0.1

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

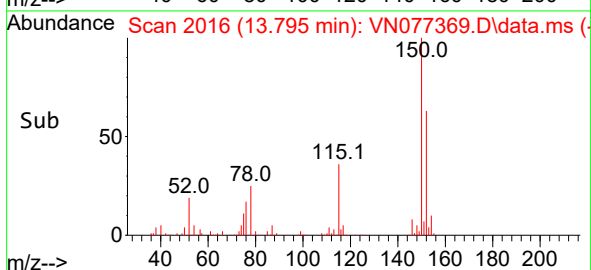
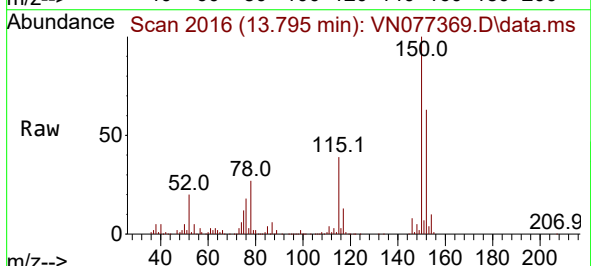
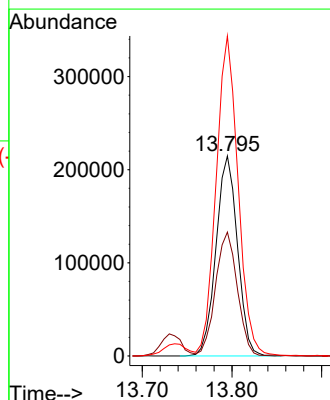
RT: 13.795 min Scan# 2016

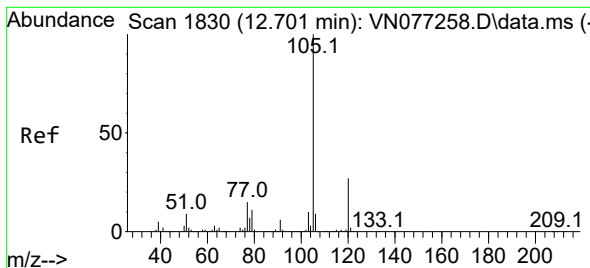
Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion:152 Resp: 357011
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.1 96.3
 150 163.3 0.0 354.8





#73

Isopropylbenzene

Concen: 17.881 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion:105 Resp: 62005

Ion Ratio Lower Upper

105 100

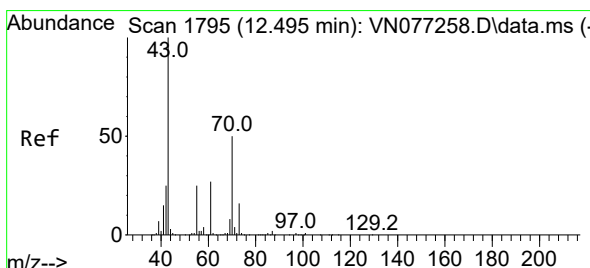
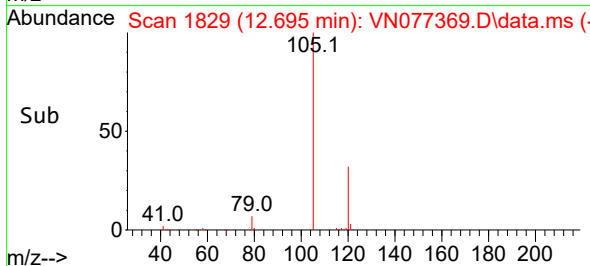
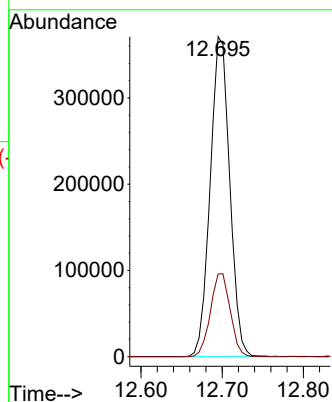
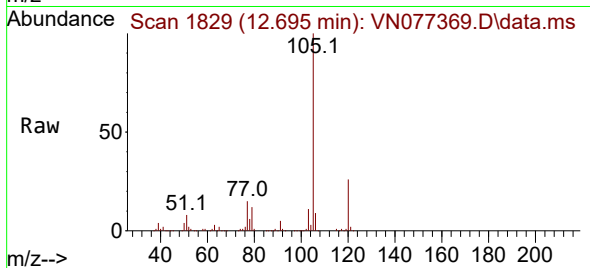
120 26.2 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#74

N-ethyl acetate

Concen: 13.947 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion: 43 Resp: 183273

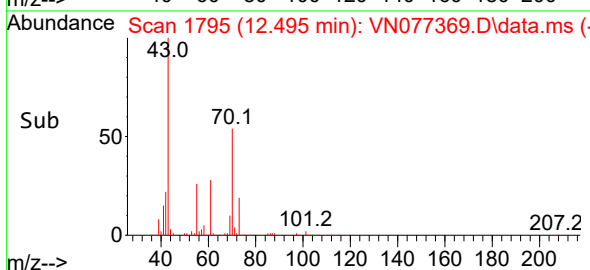
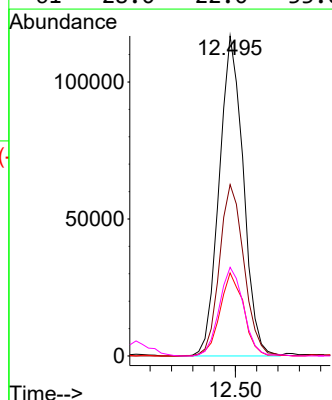
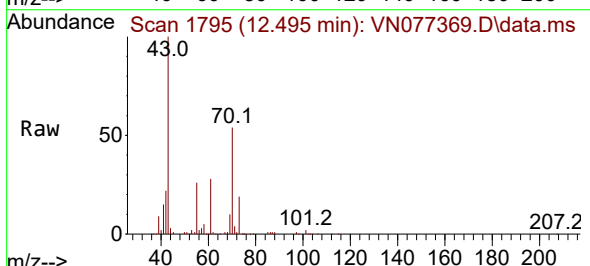
Ion Ratio Lower Upper

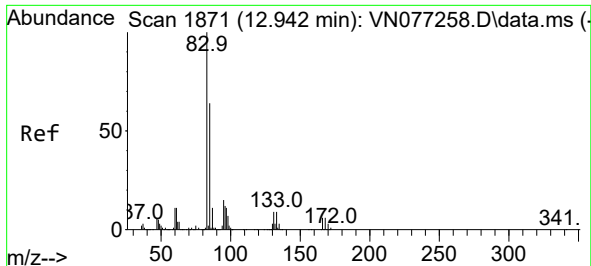
43 100

70 54.6 41.0 61.6

55 25.6 19.3 28.9

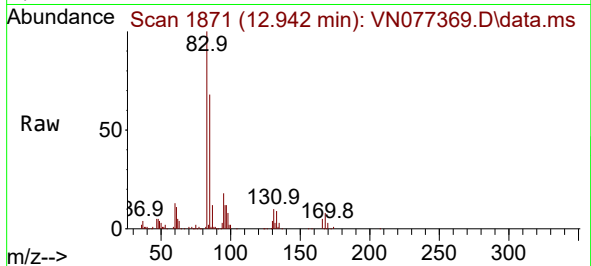
61 28.0 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 16.657 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

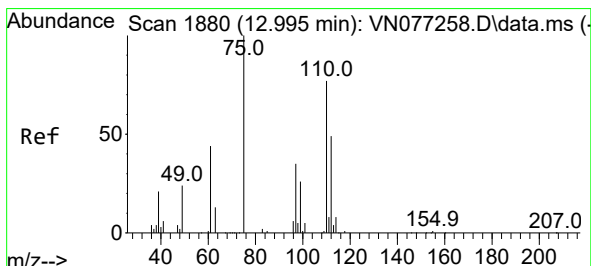
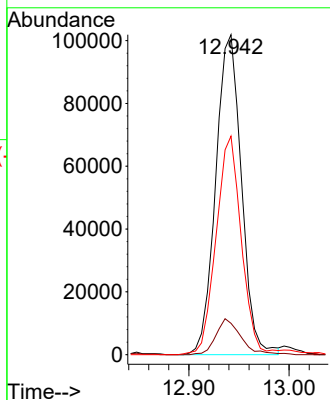
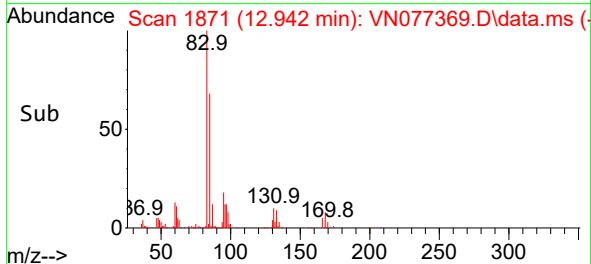
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 83 Resp: 18126
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.6
85 67.0 32.1 96.3

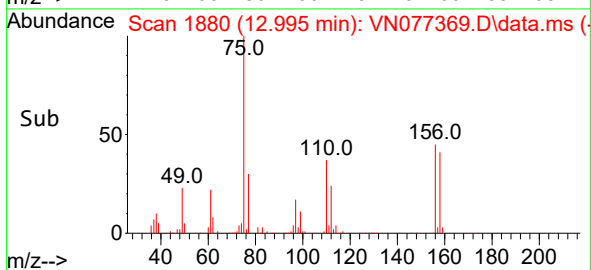
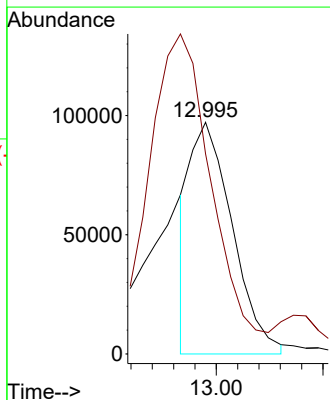
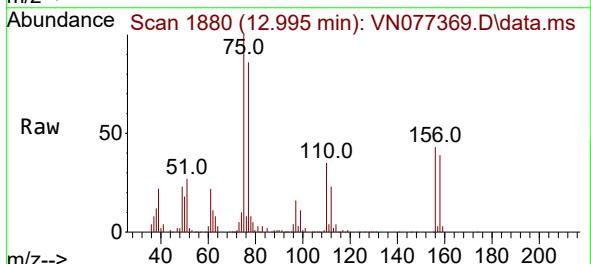
Manual Integrations
APPROVED

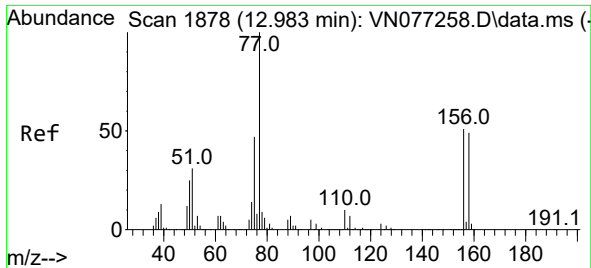
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 15.710 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

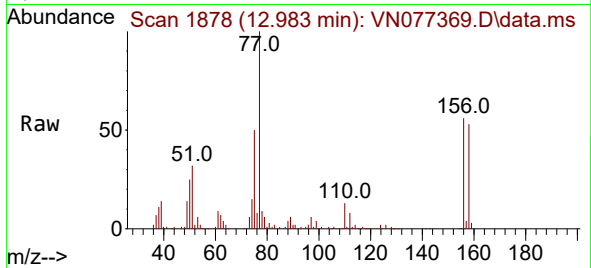
Tgt Ion: 75 Resp: 133559
Ion Ratio Lower Upper
75 100
77 209.0 88.3 264.9





#77
Bromobenzene
Concen: 18.333 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

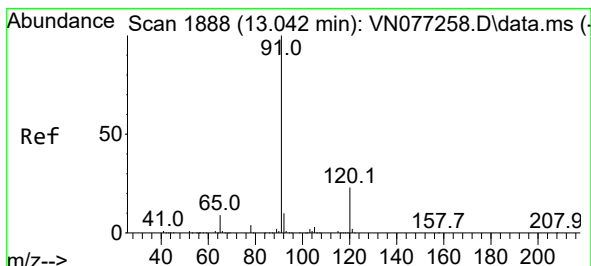
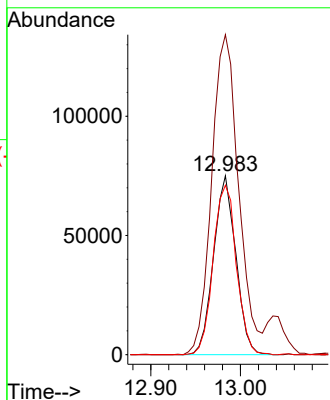
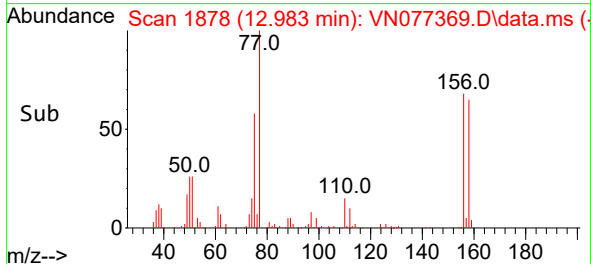
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



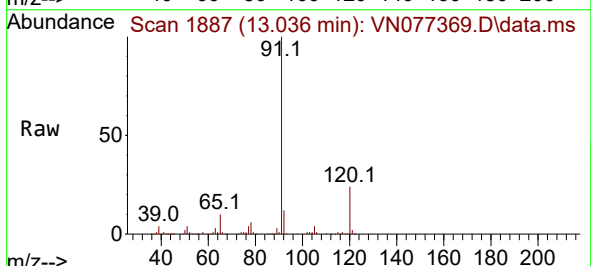
Tgt Ion: 156 Resp: 129259
Ion Ratio Lower Upper
156 100
77 215.9 115.3 345.8
158 99.0 49.3 147.8

Manual Integrations
APPROVED

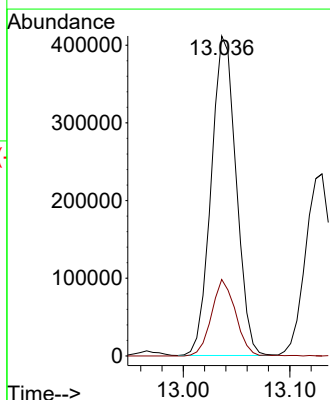
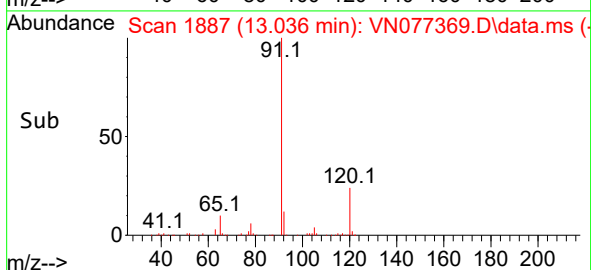
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

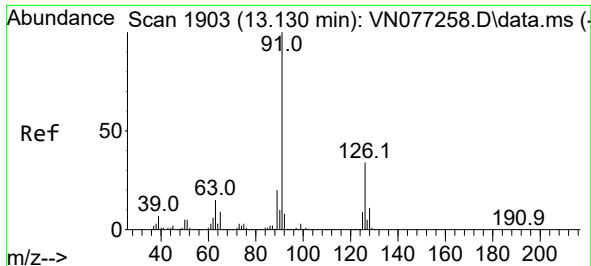


#78
n-propylbenzene
Concen: 17.479 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



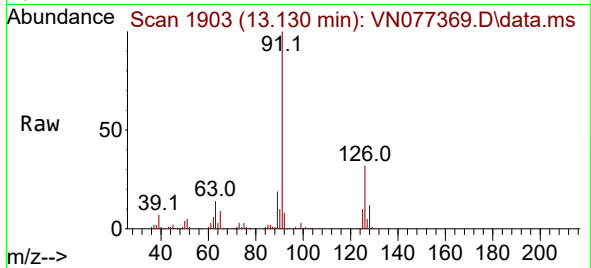
Tgt Ion: 91 Resp: 669705
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79
2-Chlorotoluene
Concen: 17.753 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

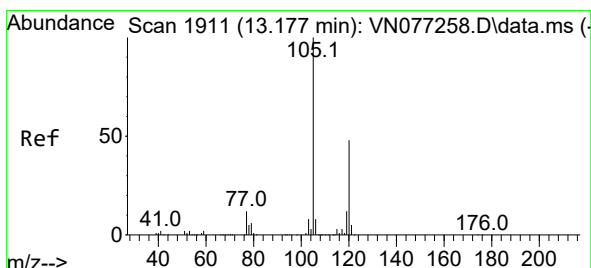
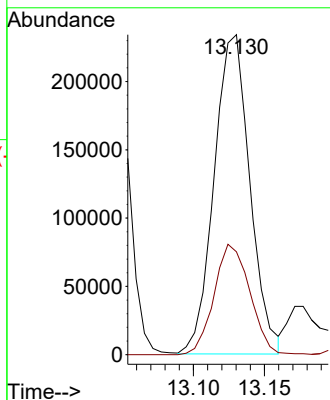
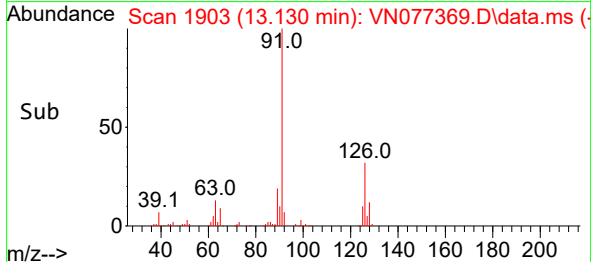
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



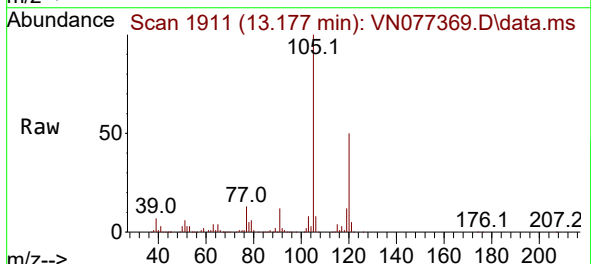
Tgt Ion: 91 Resp: 40956
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4

Manual Integrations
APPROVED

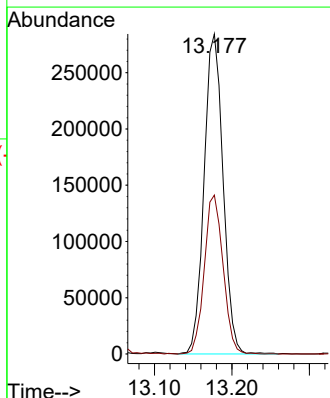
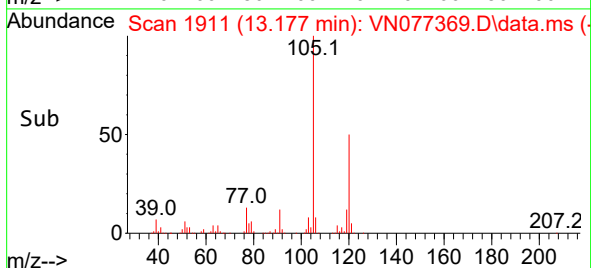
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

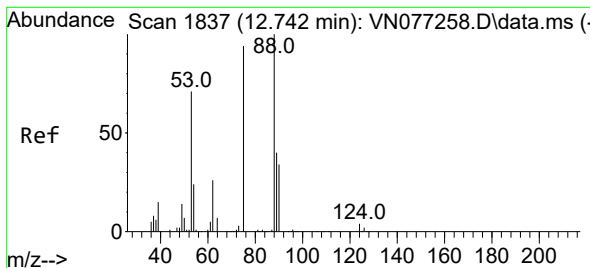


#80
1,3,5-Trimethylbenzene
Concen: 17.441 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



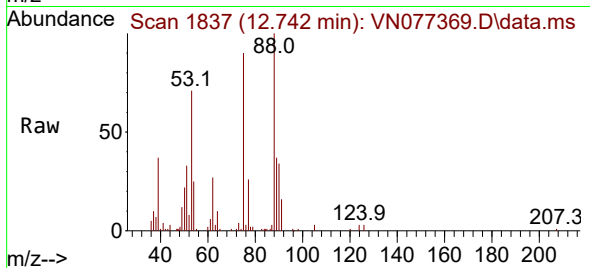
Tgt Ion:105 Resp: 483047
Ion Ratio Lower Upper
105 100
120 49.2 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.399 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

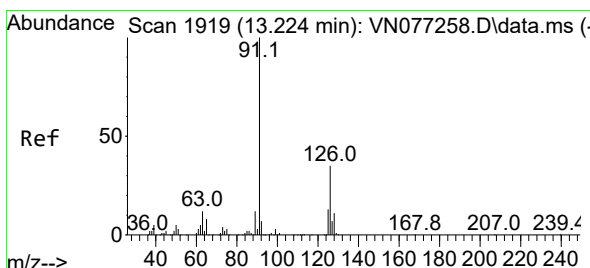
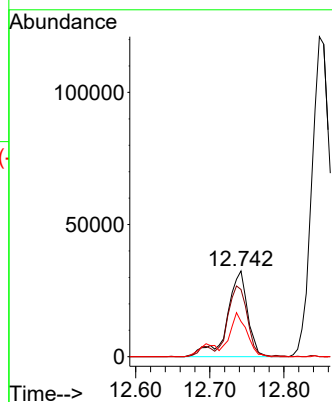
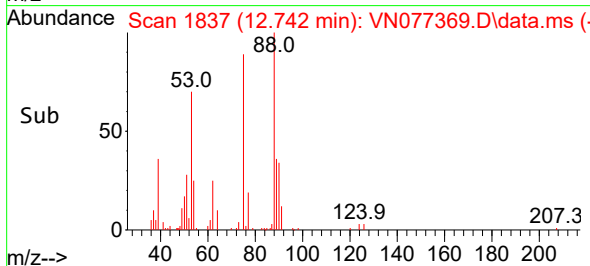
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 75 Resp: 6195
Ion Ratio Lower Upper
75 100
53 76.6 72.8 109.2
89 42.5 37.4 56.2

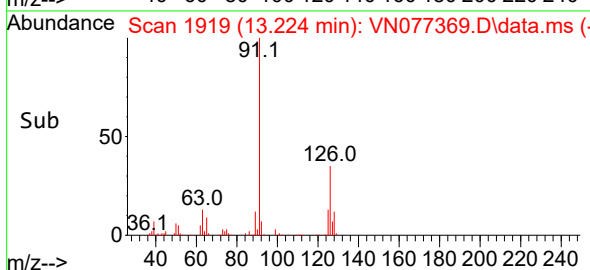
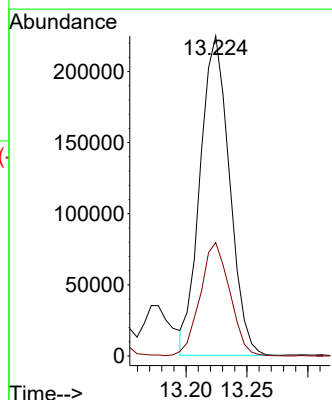
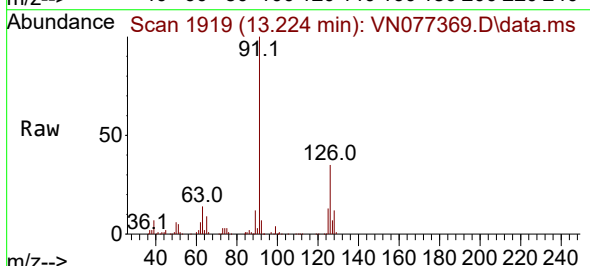
Manual Integrations
APPROVED

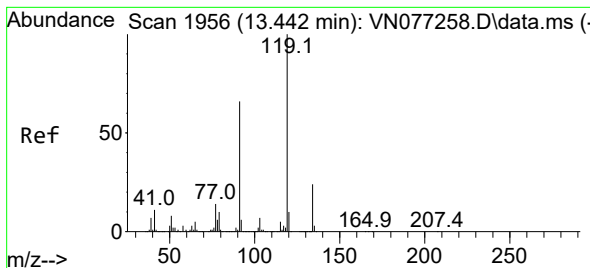
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 17.315 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

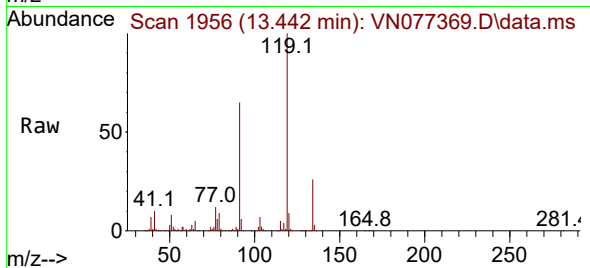
Tgt Ion: 91 Resp: 376633
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 17.625 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

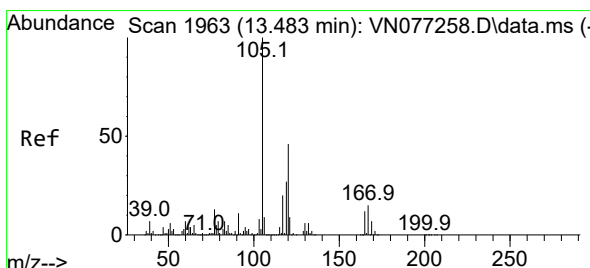
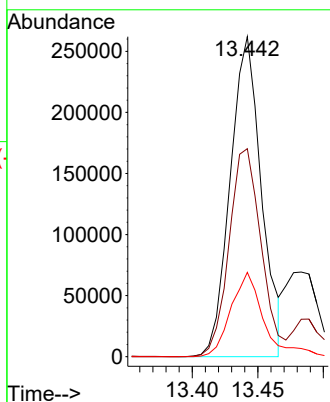
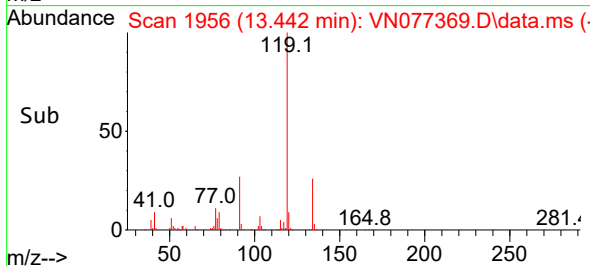
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



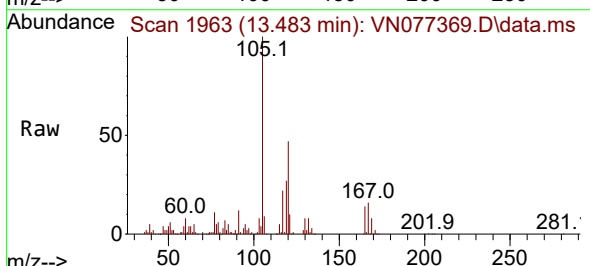
Tgt Ion:119 Resp: 434502
Ion Ratio Lower Upper
119 100
91 67.1 33.5 100.4
134 27.7 13.3 39.9

Manual Integrations
APPROVED

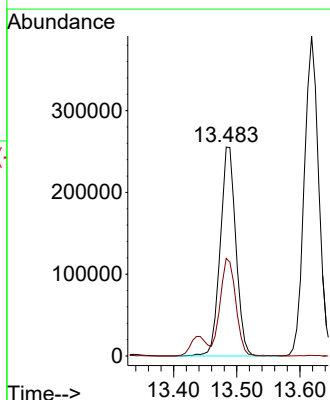
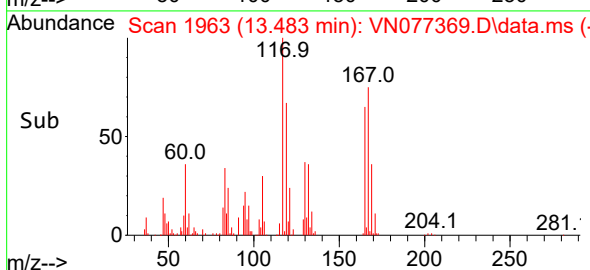
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

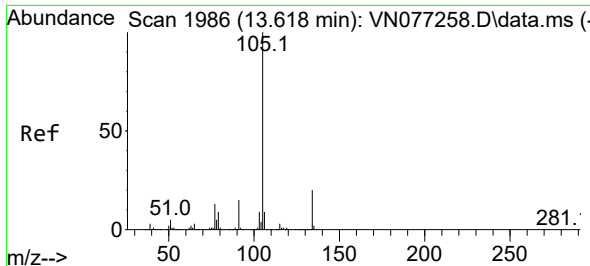


#84
1,2,4-Trimethylbenzene
Concen: 16.134 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



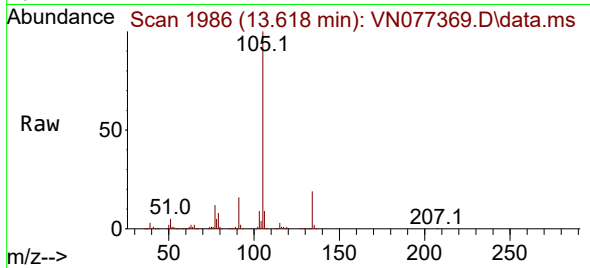
Tgt Ion:105 Resp: 441450
Ion Ratio Lower Upper
105 100
120 46.1 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 18.045 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19

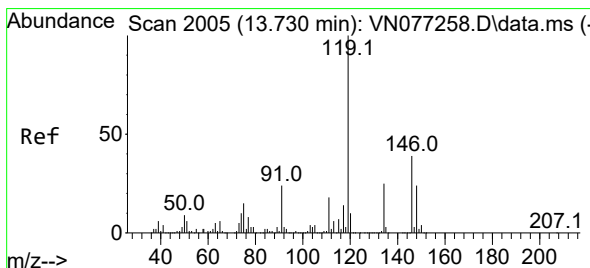
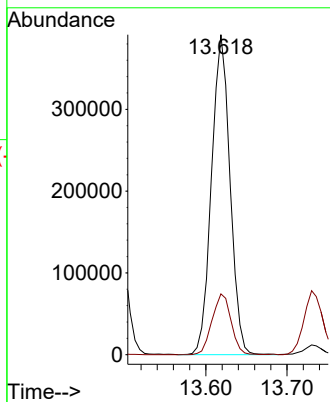
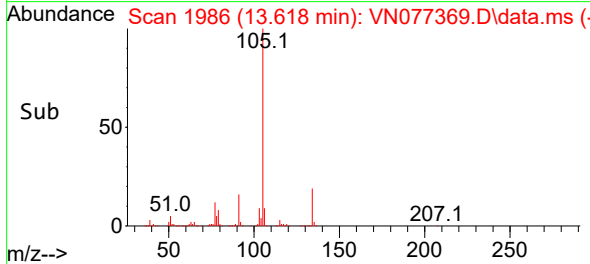
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01



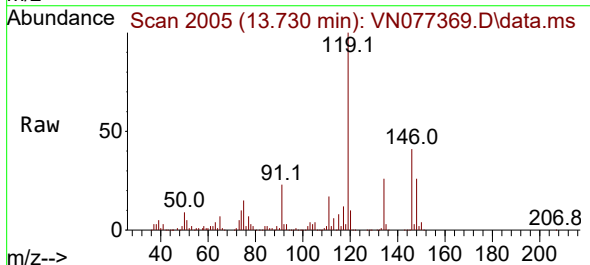
Tgt Ion:105 Resp: 61998
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations
 APPROVED

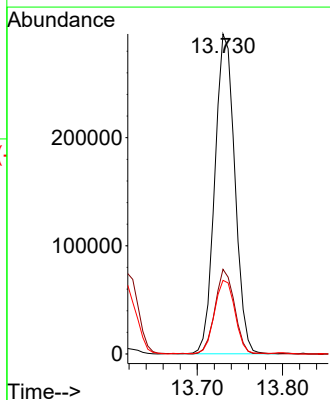
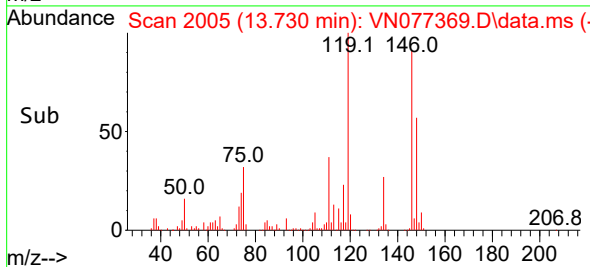
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

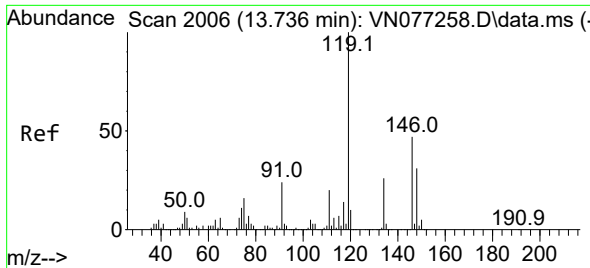


#86
 p-Isopropyltoluene
 Concen: 17.873 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077369.D
 Acq: 19 Apr 2023 12:19



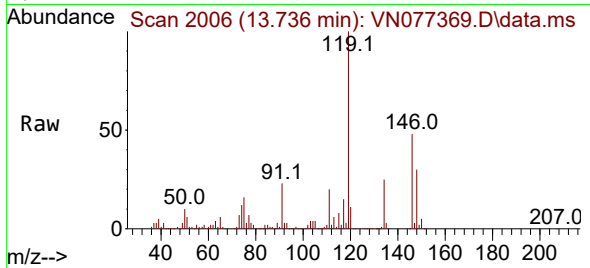
Tgt Ion:119 Resp: 482599
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.6 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 17.636 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

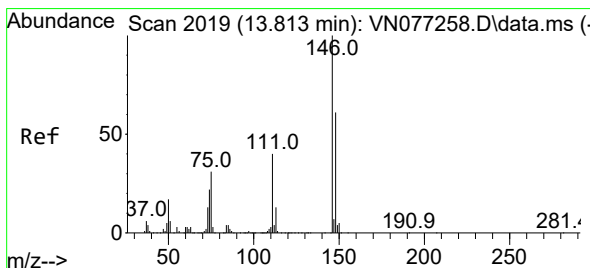
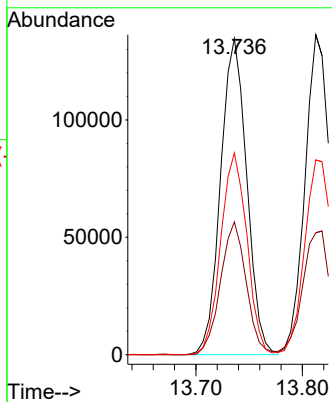
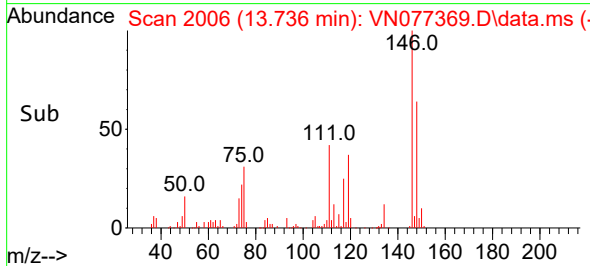
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



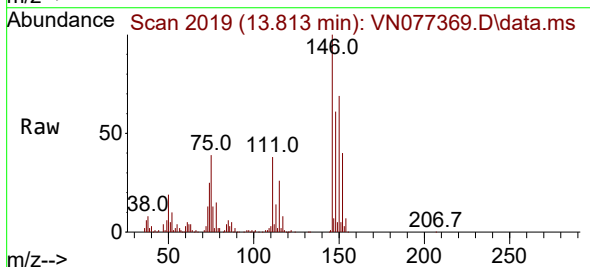
Tgt Ion:146 Resp: 230049
Ion Ratio Lower Upper
146 100
111 41.2 21.8 65.4
148 63.8 31.7 95.1

Manual Integrations
APPROVED

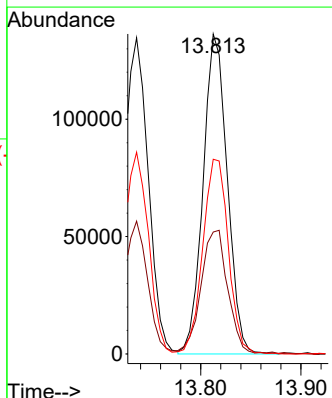
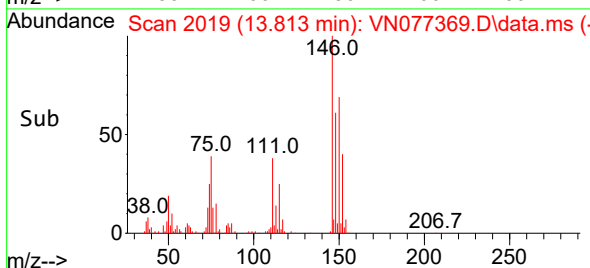
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

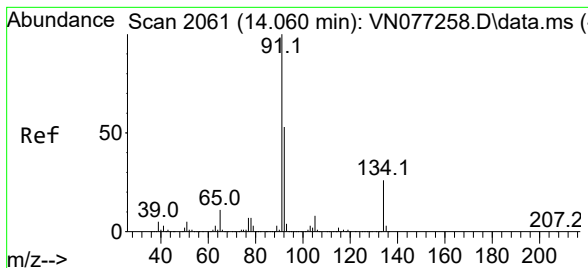


#88
1,4-Dichlorobenzene
Concen: 17.789 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19



Tgt Ion:146 Resp: 228836
Ion Ratio Lower Upper
146 100
111 43.4 20.4 61.2
148 64.5 31.6 95.0





#89

n-Butylbenzene

Concen: 16.716 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

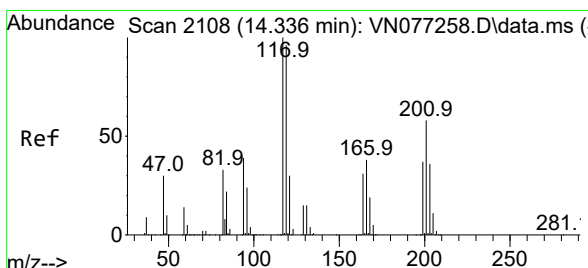
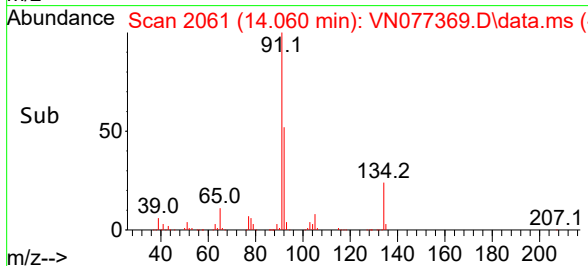
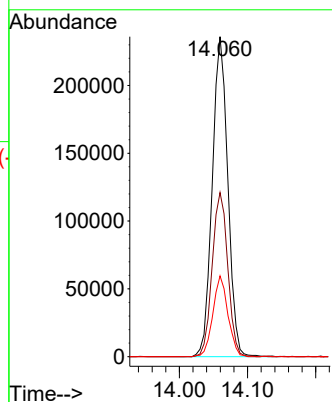
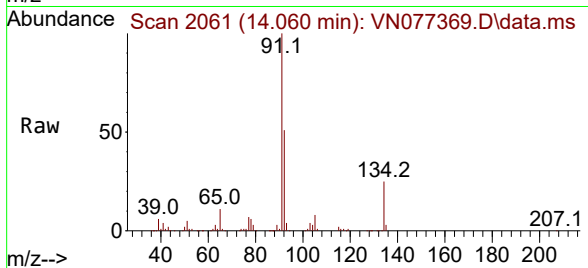
Tgt Ion: 91 Resp: 37470
 Ion Ratio Lower Upper
 91 100
 92 51.3 26.7 80.0
 134 24.4 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#90

Hexachloroethane

Concen: 17.989 ug/l

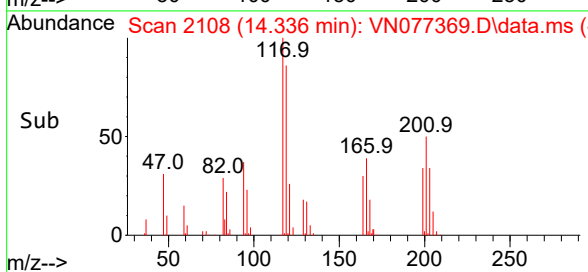
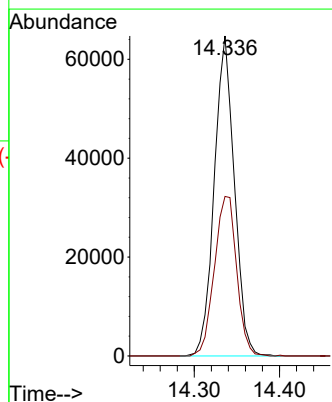
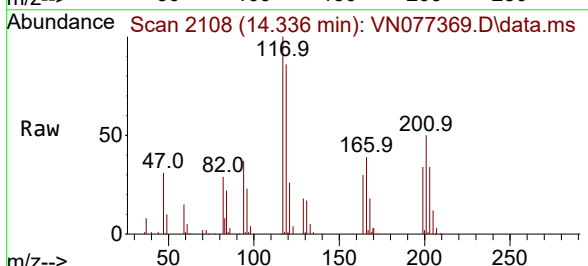
RT: 14.336 min Scan# 2108

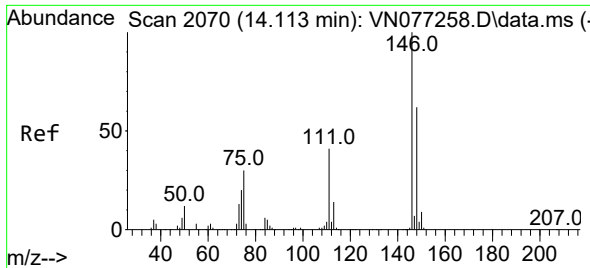
Delta R.T. 0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion:117 Resp: 106202
 Ion Ratio Lower Upper
 117 100
 201 55.2 29.8 89.5





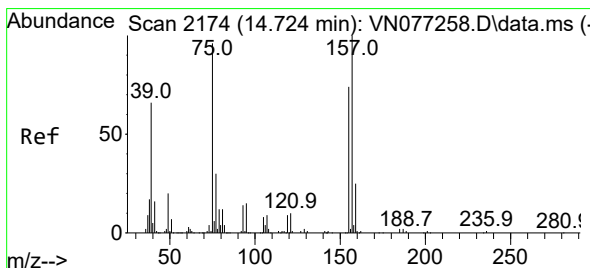
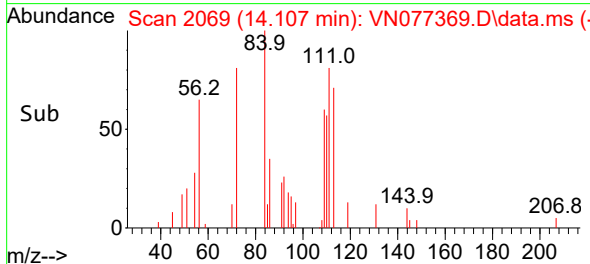
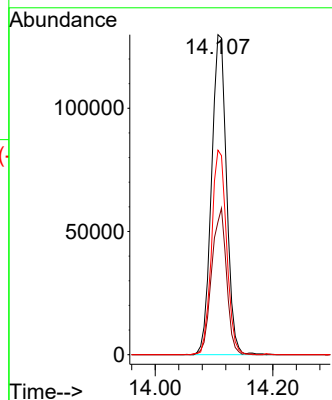
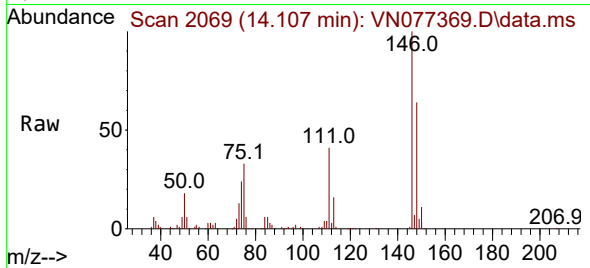
#91
1,2-Dichlorobenzene
Concen: 17.613 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:146 Resp: 22983
Ion Ratio Lower Upper
146 100
111 45.1 21.9 65.5
148 63.8 31.9 95.5

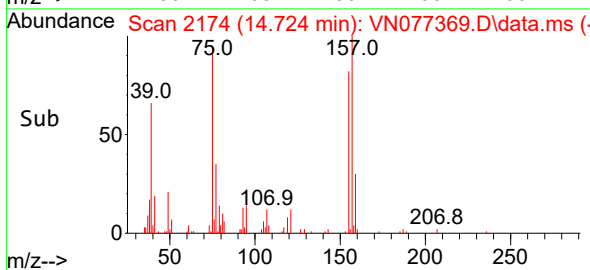
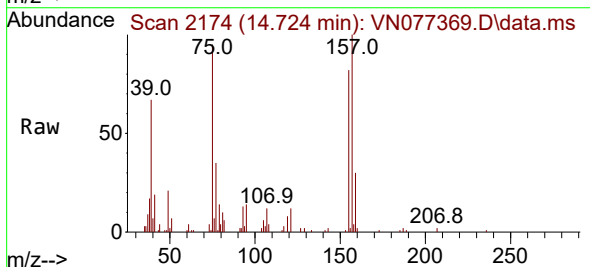
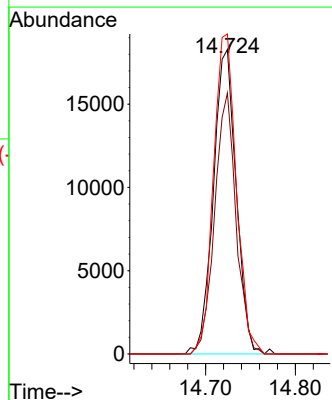
Manual Integrations
APPROVED

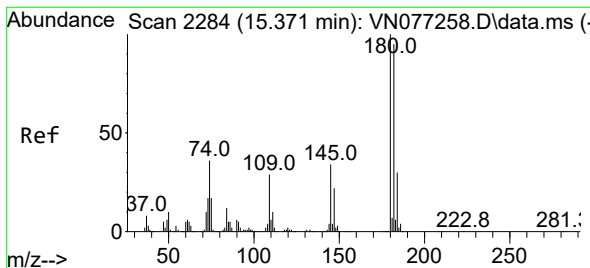
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.707 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077369.D
Acq: 19 Apr 2023 12:19

Tgt Ion: 75 Resp: 32394
Ion Ratio Lower Upper
75 100
155 80.2 41.0 123.2
157 104.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 11.693 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion:180 Resp: 5508

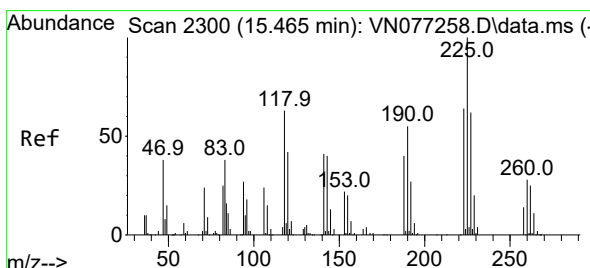
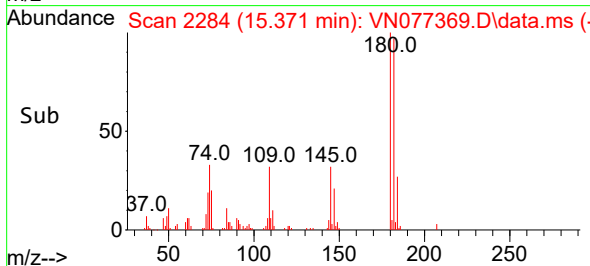
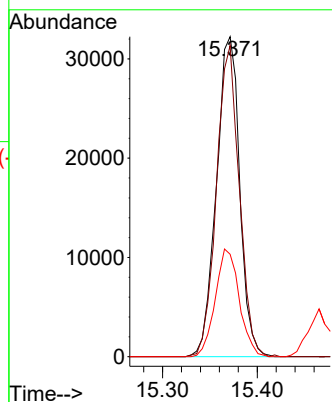
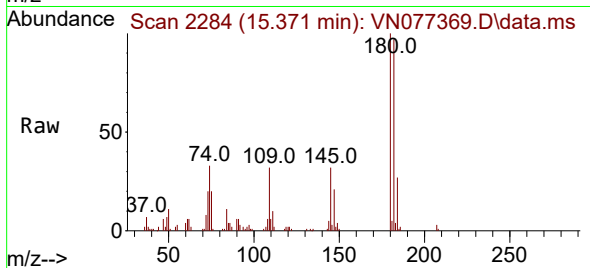
Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.7	140.0
145	34.7	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 16.887 ug/l

RT: 15.465 min Scan# 2300

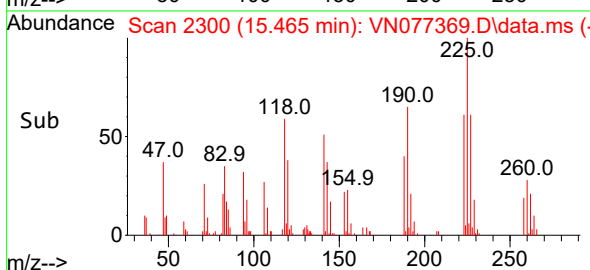
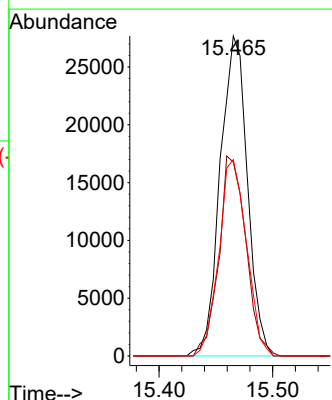
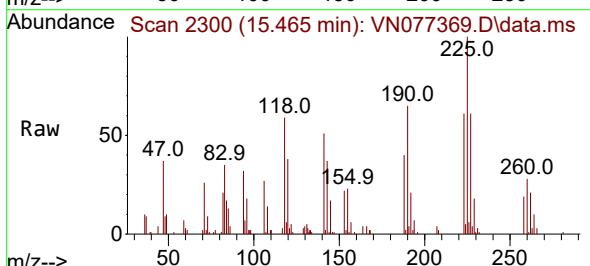
Delta R.T. 0.000 min

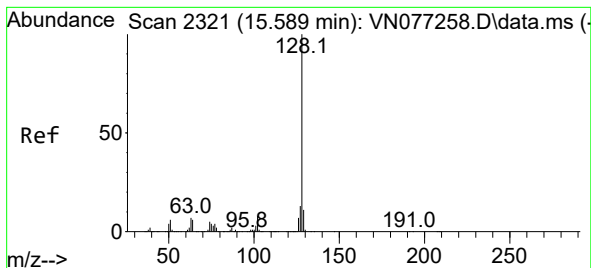
Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion:225 Resp: 46049

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	62.3	31.2	93.6





#95

Naphthalene

Concen: 11.541 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

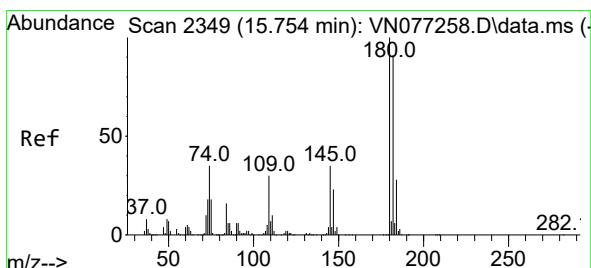
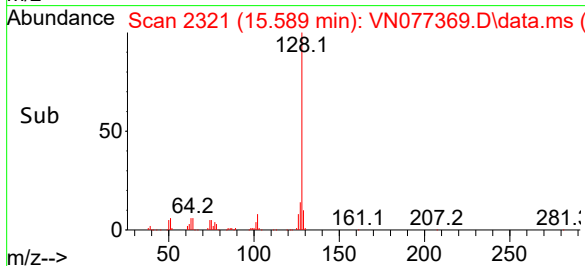
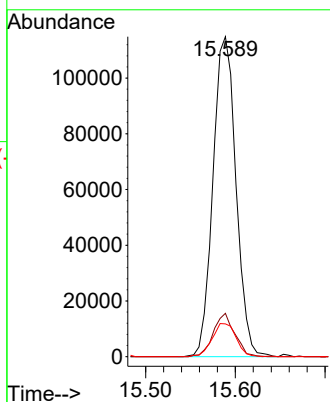
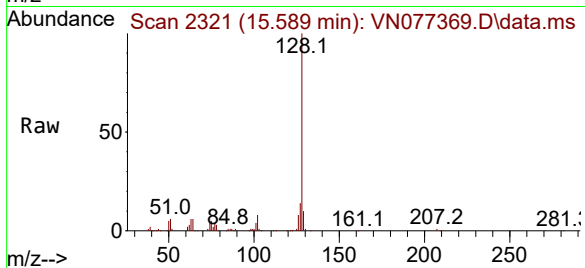
Tgt Ion:128	Resp: 20423
Ion Ratio	Lower Upper
128 100	
127 12.6	10.2 15.4
129 10.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 11.927 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077369.D

Acq: 19 Apr 2023 12:19

Tgt Ion:180	Resp: 53743
Ion Ratio	Lower Upper
180 100	
182 86.8	46.9 140.8
145 33.0	17.6 52.8

