

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077371.D
 Acq On : 19 Apr 2023 13:32
 Operator : JC\MD
 Sample : VN0419WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 04:25:18 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)

Internal Standards						
1) Pentafluorobenzene	8.231	168	429564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	810660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	737732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	315566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	289242	49.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.172	113	260301	50.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.320%		
50) Toluene-d8	10.572	98	958215	45.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.740%		
62) 4-Bromofluorobenzene	12.848	95	326696	47.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	119372	21.772	ug/l	99
3) Chloromethane	2.372	50	107821	15.869	ug/l	95
4) Vinyl Chloride	2.525	62	144551	15.692	ug/l	96
5) Bromomethane	2.960	94	125391	18.775	ug/l	100
6) Chloroethane	3.131	64	107091	16.289	ug/l	97
7) Trichlorofluoromethane	3.507	101	188689	23.622	ug/l	97
8) Diethyl Ether	3.966	74	76107	22.737	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	115187	23.563	ug/l	99
10) Methyl Iodide	4.601	142	135659	22.818	ug/l	91
11) Tert butyl alcohol	5.525	59	109137	91.101	ug/l	100
12) 1,1-Dichloroethene	4.348	96	109347	21.730	ug/l	87
13) Acrolein	4.184	56	110565	97.448	ug/l	96
14) Allyl chloride	5.031	41	126517	16.647	ug/l #	83
15) Acrylonitrile	5.725	53	270127	101.994	ug/l	99
16) Acetone	4.437	43	222669	102.865	ug/l	99
17) Carbon Disulfide	4.719	76	255828	18.853	ug/l	98
18) Methyl Acetate	5.037	43	167683	20.339	ug/l	94
19) Methyl tert-butyl Ether	5.801	73	403531	22.600	ug/l	99
20) Methylene Chloride	5.290	84	129621	21.203	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	119204	21.636	ug/l	97
22) Diisopropyl ether	6.678	45	322163	21.144	ug/l	96
23) Vinyl Acetate	6.613	43	1206529m	117.112	ug/l	
24) 1,1-Dichloroethane	6.578	63	212938	21.642	ug/l	98
25) 2-Butanone	7.484	43	339541	96.648	ug/l	100
26) 2,2-Dichloropropane	7.501	77	209075	23.173	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	155620	23.130	ug/l	97
28) Bromochloromethane	7.819	49	86838	21.941	ug/l	92
29) Tetrahydrofuran	7.842	42	215710	95.516	ug/l	97
30) Chloroform	7.972	83	249101	23.741	ug/l	99
31) Cyclohexane	8.260	56	182511	20.006	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	219926	23.047	ug/l	95
36) 1,1-Dichloropropene	8.372	75	169603	22.097	ug/l	98
37) Ethyl Acetate	7.566	43	141826	20.652	ug/l	98
38) Carbon Tetrachloride	8.366	117	188819	24.011	ug/l	97
39) Methylcyclohexane	9.601	83	233083	22.521	ug/l	92
40) Benzene	8.613	78	538856	22.508	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	69883	18.932	ug/l	89
42) 1,2-Dichloroethane	8.672	62	178823	24.269	ug/l	99
43) Isopropyl Acetate	8.689	43	254417	20.077	ug/l	97
44) Trichloroethene	9.354	130	136306	23.795	ug/l	96
45) 1,2-Dichloropropane	9.625	63	131223	23.079	ug/l	91
46) Dibromomethane	9.713	93	103162	24.081	ug/l	98
47) Bromodichloromethane	9.889	83	199534	23.303	ug/l #	95
48) Methyl methacrylate	9.683	41	109066	20.176	ug/l	96
49) 1,4-Dioxane	9.695	88	51785	395.132	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	728229	99.423	ug/l	98
52) Toluene	10.630	92	355228	22.669	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	213950	23.011	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	229690	23.192	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	144809	23.541	ug/l	96
56) Ethyl methacrylate	10.877	69	211942	22.121	ug/l	97
57) 1,3-Dichloropropane	11.166	76	246279	24.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	253172	88.767	ug/l	96
59) 2-Hexanone	11.195	43	533755	97.815	ug/l	100
60) Dibromochloromethane	11.360	129	158689	25.048	ug/l	100
61) 1,2-Dibromoethane	11.472	107	147166	23.970	ug/l	99
64) Tetrachloroethene	11.101	164	111191	24.398	ug/l	90
65) Chlorobenzene	11.895	112	387660	23.868	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	144520	23.516	ug/l	98
67) Ethyl Benzene	11.966	91	692590	23.108	ug/l	100
68) m/p-Xylenes	12.071	106	532507	45.218	ug/l	100
69) o-Xylene	12.401	106	270577	23.290	ug/l	100
70) Styrene	12.413	104	427436	22.863	ug/l	98
71) Bromoform	12.577	173	101413	23.442	ug/l #	100
73) Isopropylbenzene	12.701	105	682635	22.271	ug/l	100
74) N-amyl acetate	12.495	43	216240	18.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	210554	21.890	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	175584m	23.366	ug/l	
77) Bromobenzene	12.983	156	145046	23.273	ug/l	95
78) n-propylbenzene	13.036	91	759867	22.437	ug/l	100
79) 2-Chlorotoluene	13.130	91	462370	22.674	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	541022	22.100	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	64496	19.314	ug/l	94
82) 4-Chlorotoluene	13.224	91	437593	22.760	ug/l	99
83) tert-Butylbenzene	13.442	119	497058	22.811	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	520906	21.538	ug/l	98
85) sec-Butylbenzene	13.618	105	696594	22.938	ug/l	100
86) p-Isopropyltoluene	13.730	119	555125	23.259	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	268311	23.271	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	254984	22.425	ug/l	97
89) n-Butylbenzene	14.060	91	430339	21.720	ug/l	100
90) Hexachloroethane	14.336	117	112895	21.634	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	265853	23.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	36464	20.003	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	72960	17.522	ug/l	98
94) Hexachlorobutadiene	15.465	225	56526	23.452	ug/l	98
95) Naphthalene	15.589	128	263640	16.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	68375	17.168	ug/l	98

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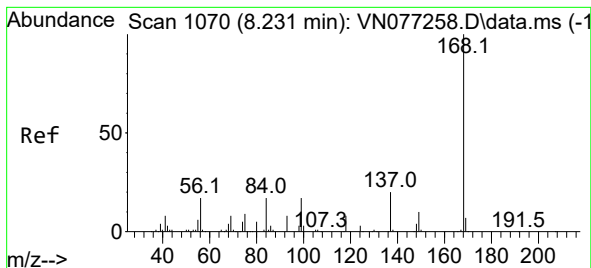
Manual Integrations
APPROVED

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

Quant Time: Apr 20 04:25:18 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# 10

Delta R.T. -0.000 min

Lab File: VN077371.D

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MSVOA_N

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Tgt Ion:168 Resp: 429564

Ion Ratio Lower Upper

168 100

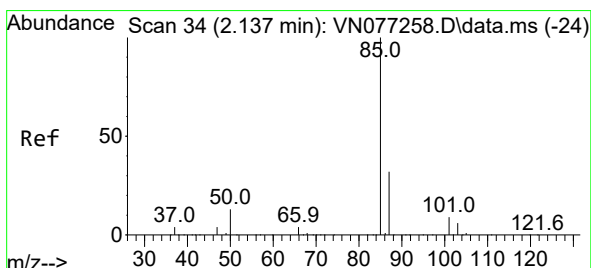
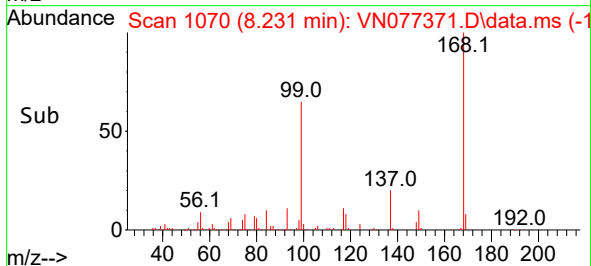
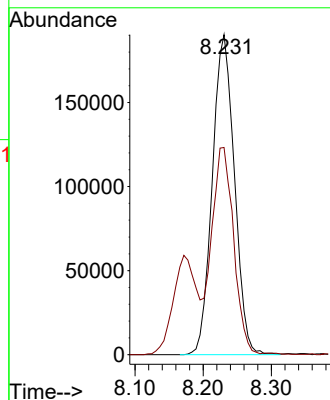
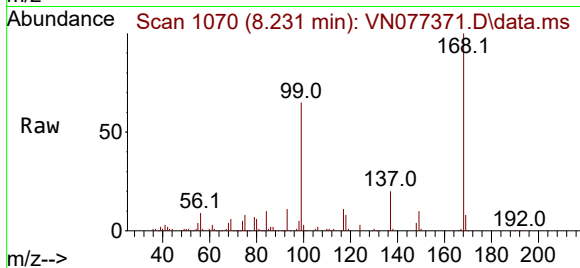
99 64.5 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#2

Dichlorodifluoromethane

Concen: 21.772 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN077371.D

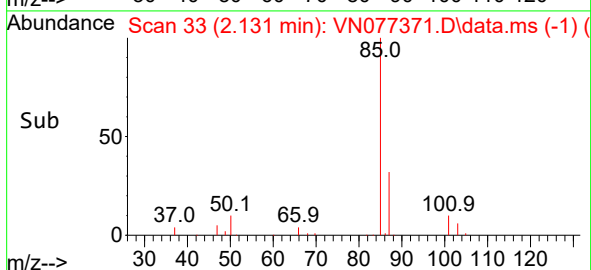
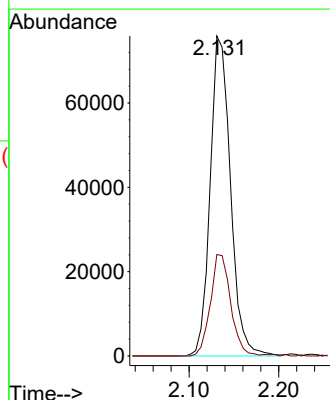
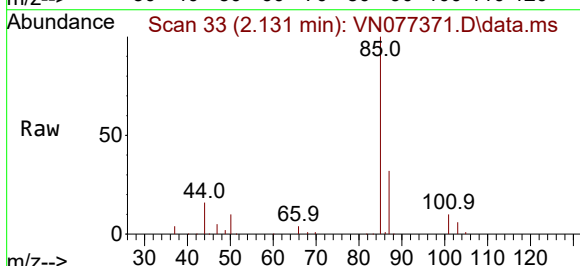
Acq: 19 Apr 2023 13:32

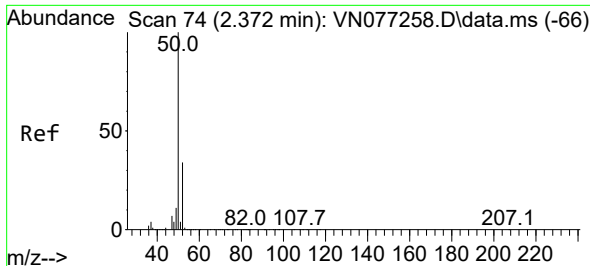
Tgt Ion: 85 Resp: 119372

Ion Ratio Lower Upper

85 100

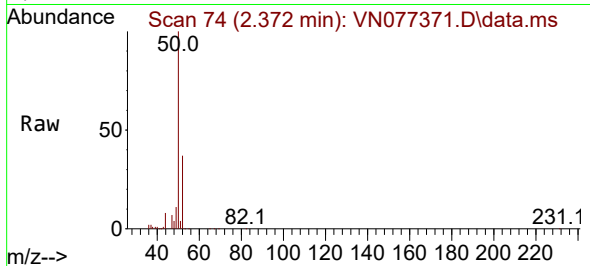
87 31.7 16.1 48.2





#3
Chloromethane
Concen: 15.869 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

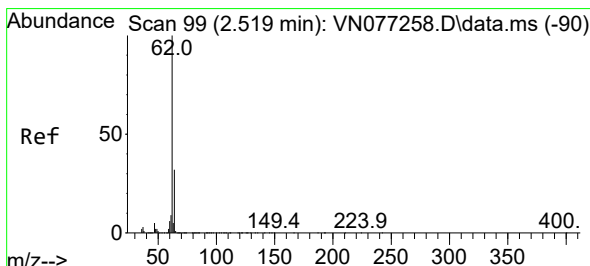
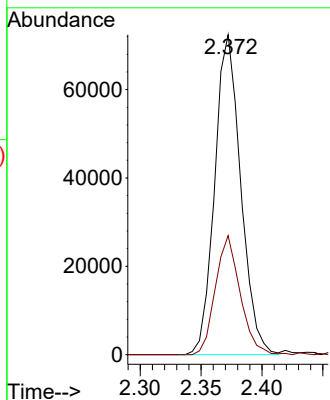
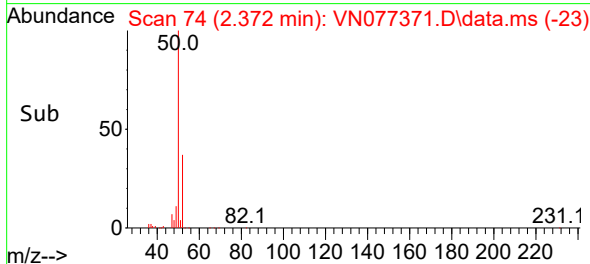
Instrument :
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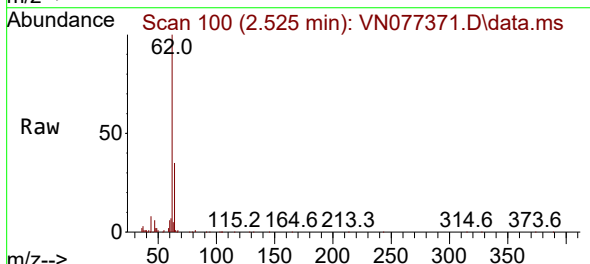
Tgt Ion: 50 Resp: 10782
Ion Ratio Lower Upper
50 100
52 37.2 27.3 40.9

Manual Integrations
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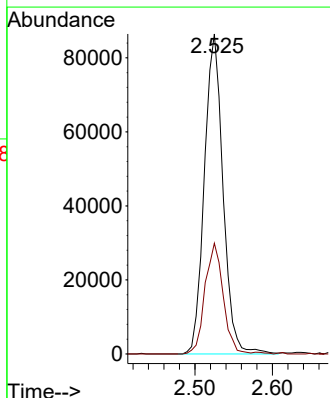
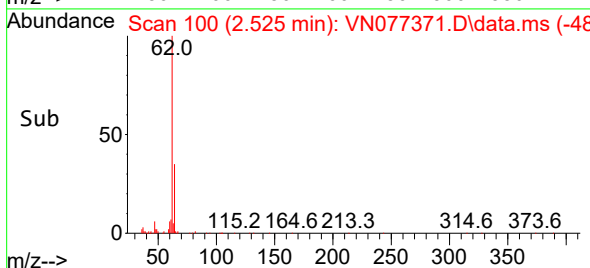
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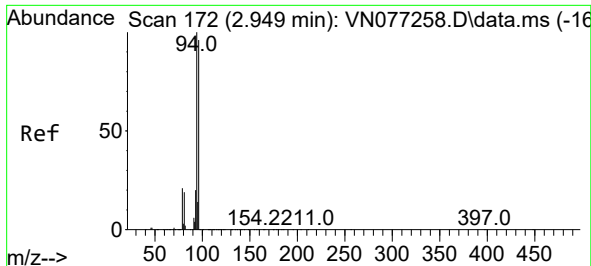


#4
Vinyl Chloride
Concen: 15.692 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



Tgt Ion: 62 Resp: 144551
Ion Ratio Lower Upper
62 100
64 34.6 25.8 38.8





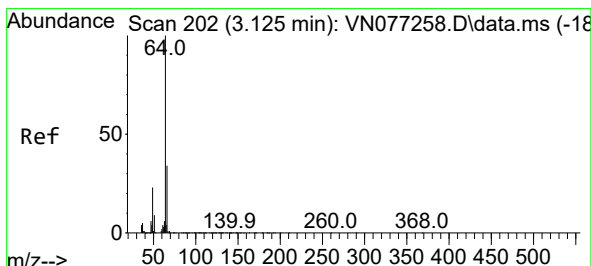
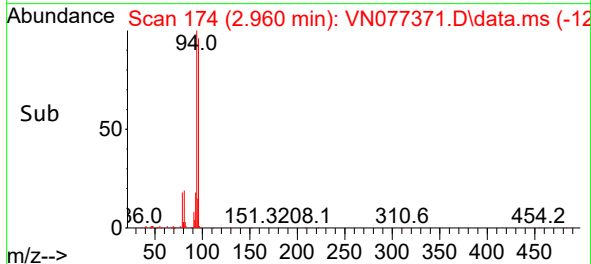
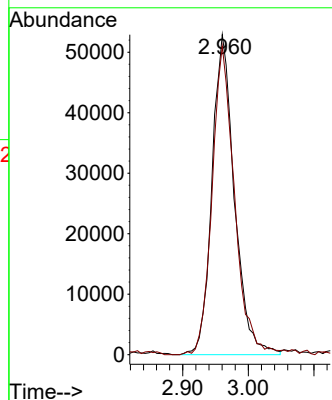
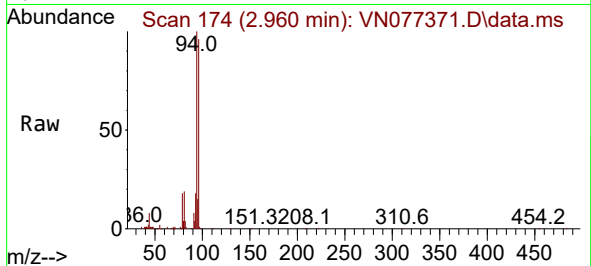
#5
Bromomethane
Concen: 18.775 ug/l
RT: 2.960 min Scan# 172
Delta R.T. 0.011 min
Lab File: VN077371.D
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Instrument :
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Tgt Ion: 94 Resp: 12539
Ion Ratio Lower Upper
94 100
96 96.5 77.0 115.4

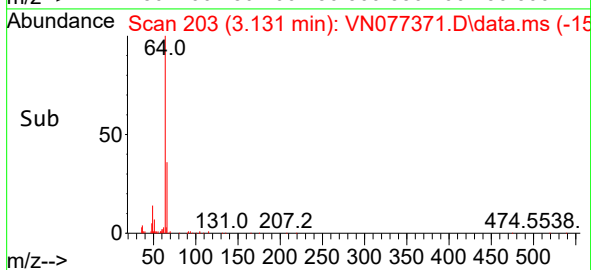
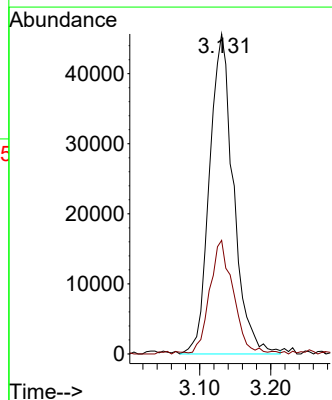
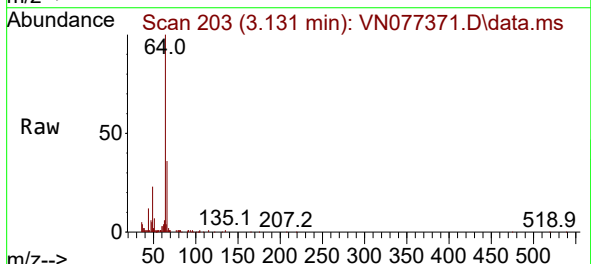
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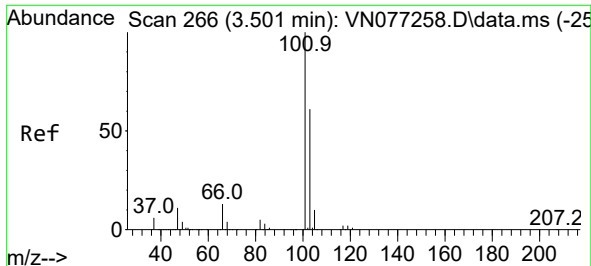
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 16.289 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 64 Resp: 107091
Ion Ratio Lower Upper
64 100
66 35.2 26.9 40.3





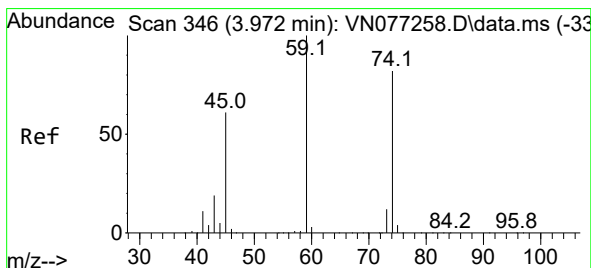
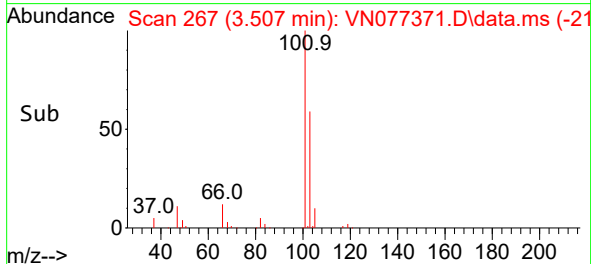
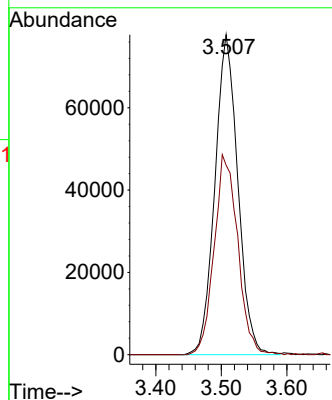
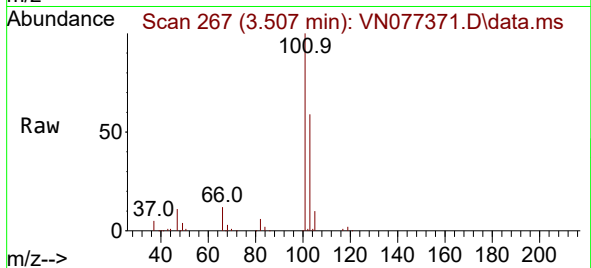
#7
Trichlorofluoromethane
Concen: 23.622 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 188689
Ion Ratio Lower Upper
101 100
103 59.2 49.0 73.4

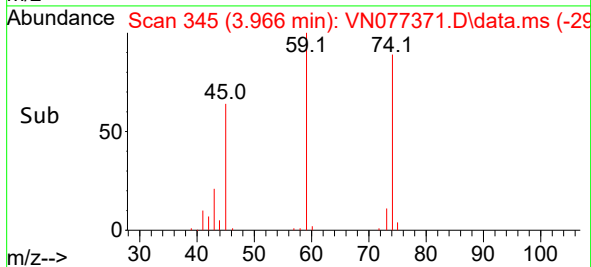
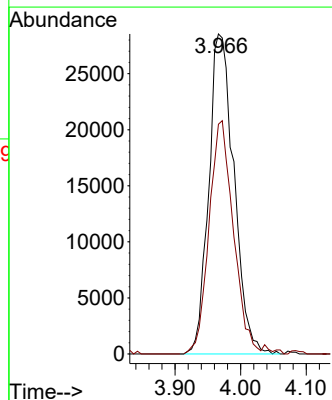
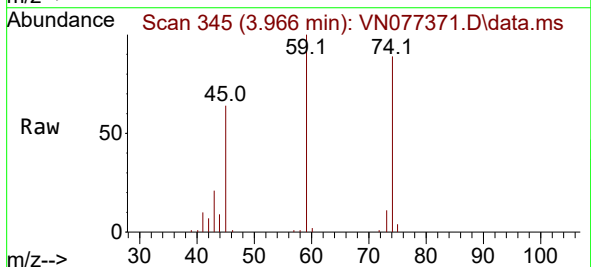
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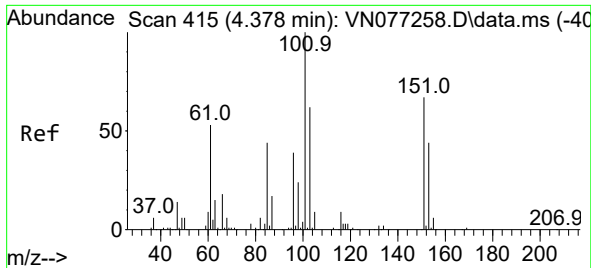
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 22.737 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 74 Resp: 76107
Ion Ratio Lower Upper
74 100
45 70.3 37.8 113.4





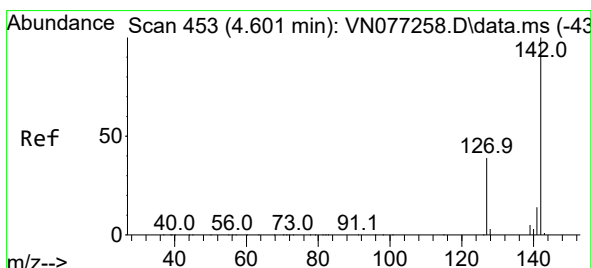
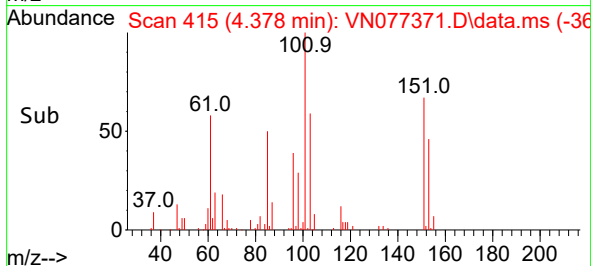
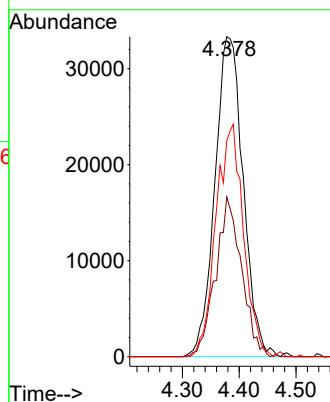
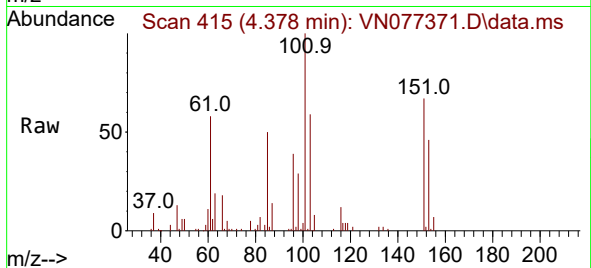
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.563 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion:101 Resp: 11518
Ion Ratio Lower Upper
101 100
85 45.8 37.3 55.9
151 70.5 56.3 84.5

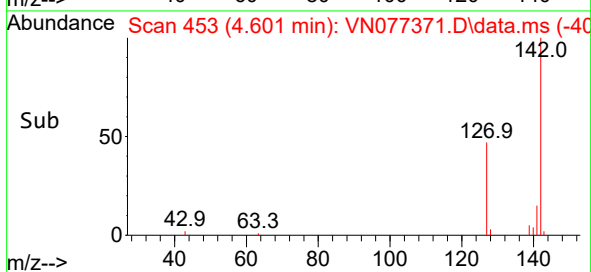
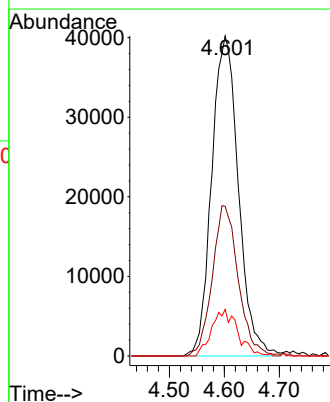
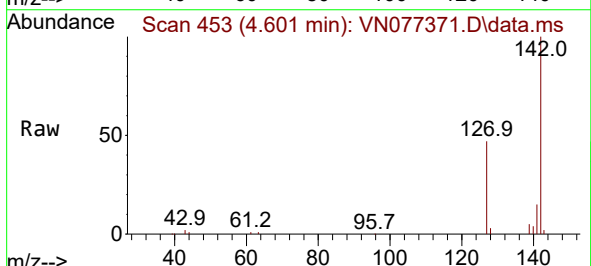
Manual Integrations
APPROVED

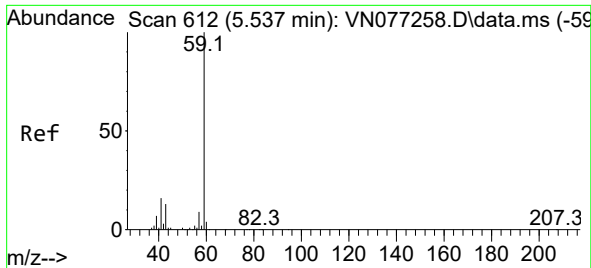
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 22.818 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion:142 Resp: 135659
Ion Ratio Lower Upper
142 100
127 46.8 31.5 47.3
141 14.5 11.4 17.2





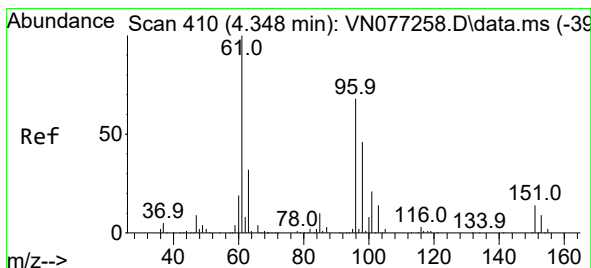
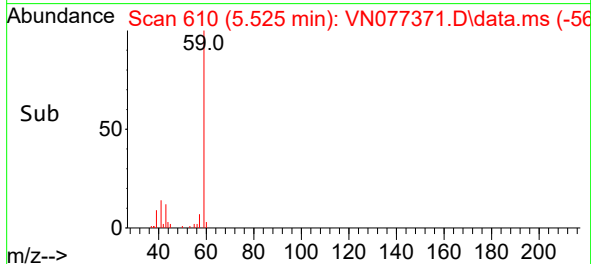
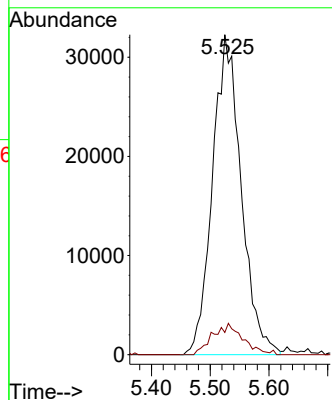
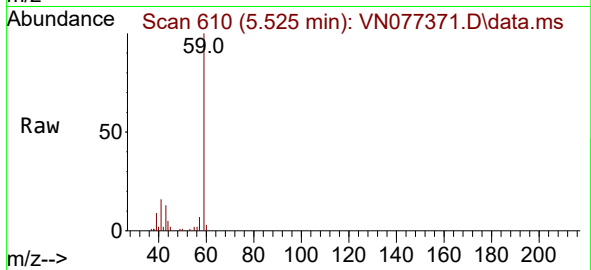
#11
Tert butyl alcohol
Concen: 91.101 ug/l
RT: 5.525 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion: 59 Resp: 10913
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

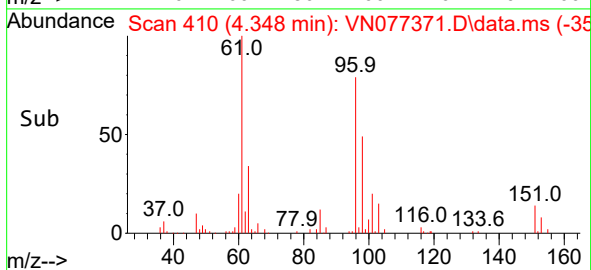
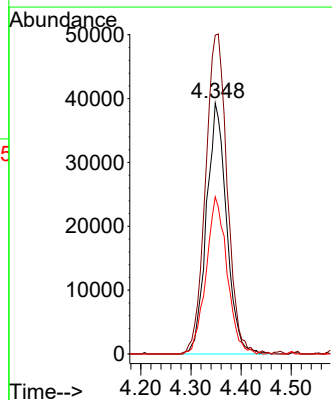
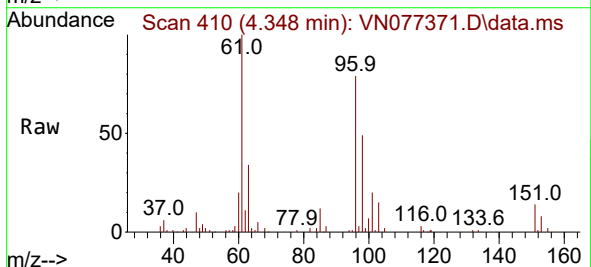
Manual Integrations
APPROVED

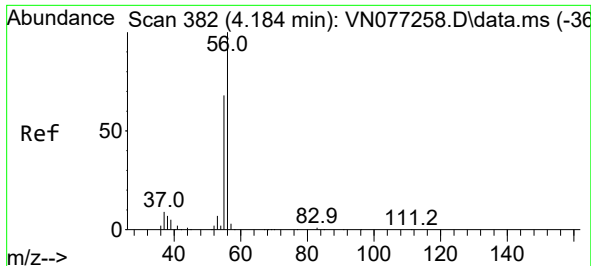
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 21.730 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

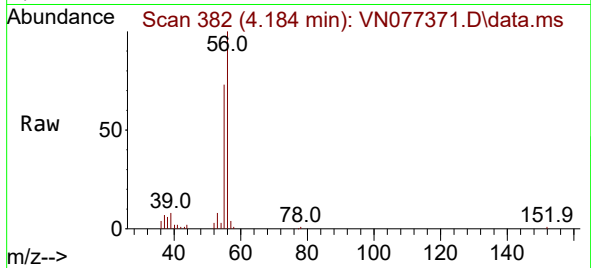
Tgt Ion: 96 Resp: 109347
Ion Ratio Lower Upper
96 100
61 127.1 118.3 177.5
98 62.6 54.5 81.7





#13
Acrolein
Concen: 97.448 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

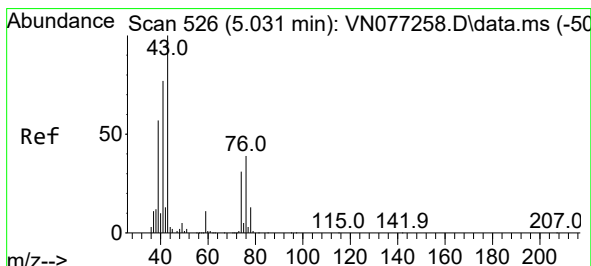
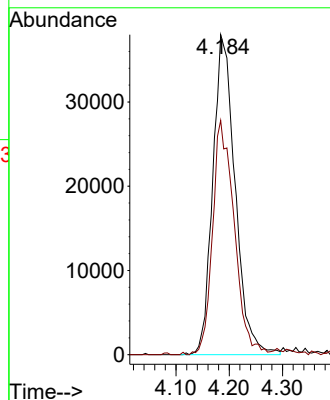
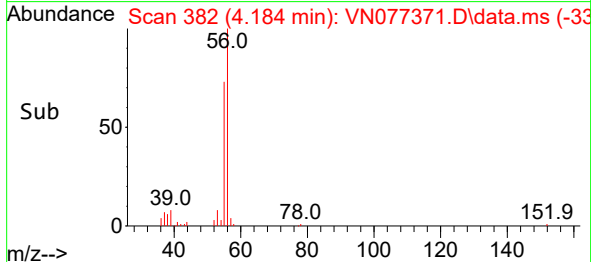
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 56 Resp: 11056
Ion Ratio Lower Upper
56 100
55 70.8 54.2 81.2

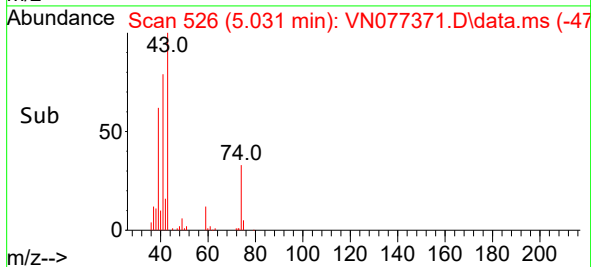
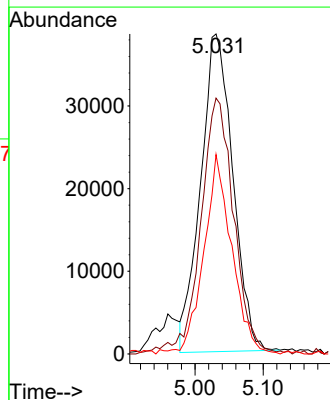
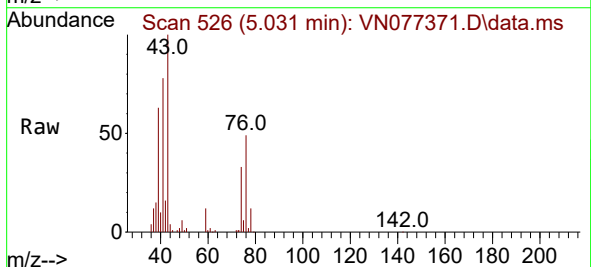
Manual Integrations
APPROVED

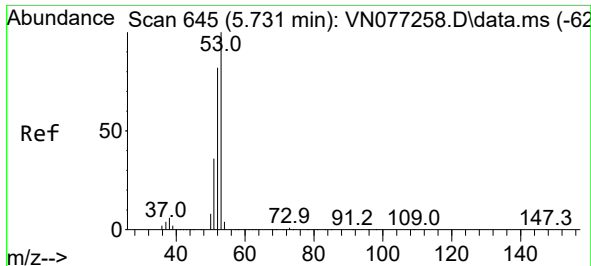
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 16.647 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

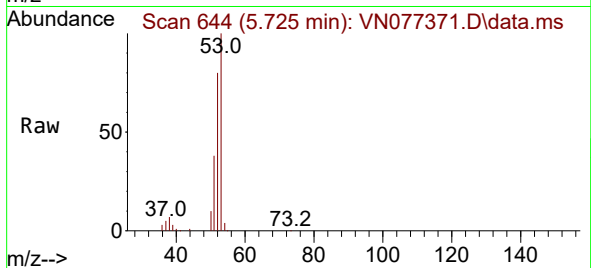
Tgt Ion: 41 Resp: 126517
Ion Ratio Lower Upper
41 100
39 82.7 55.0 82.4#
76 54.6 35.4 53.2#





#15
Acrylonitrile
Concen: 101.994 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

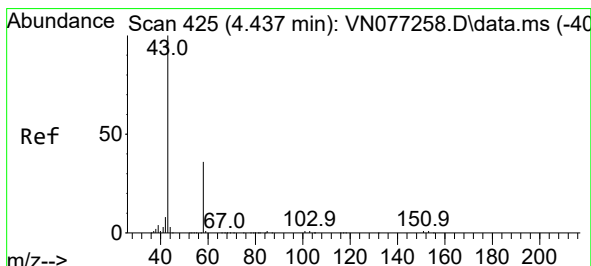
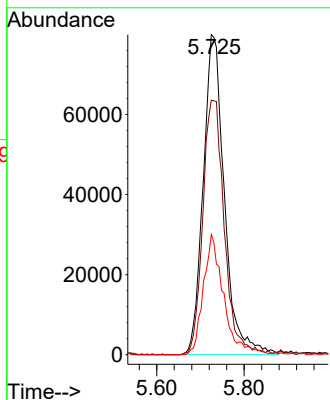
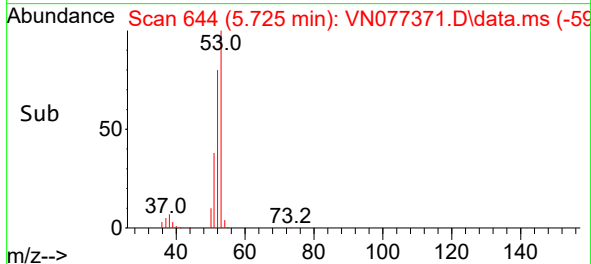
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 53 Resp: 27012
Ion Ratio Lower Upper
53 100
52 80.5 65.2 97.8
51 35.7 28.1 42.1

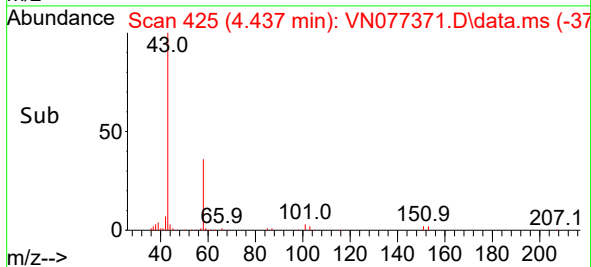
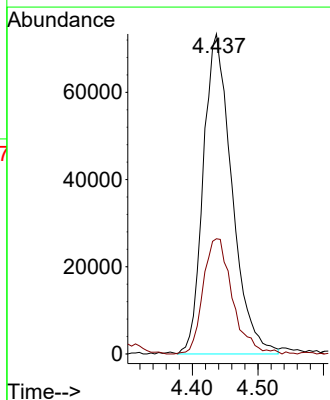
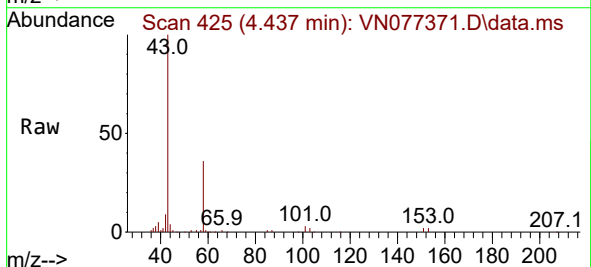
Manual Integrations
APPROVED

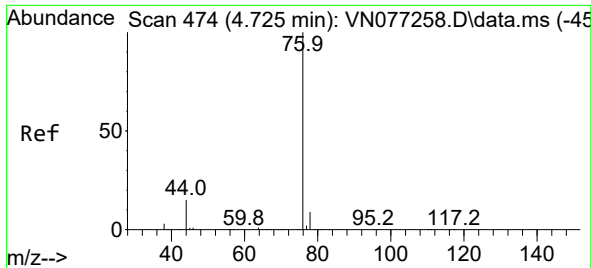
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#16
Acetone
Concen: 102.865 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 43 Resp: 222669
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6





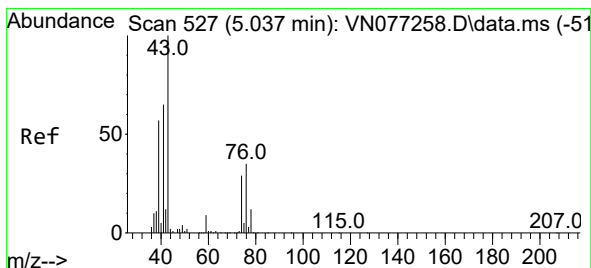
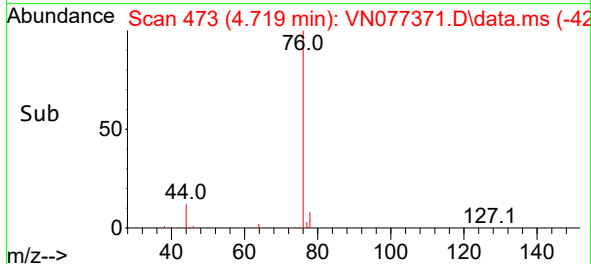
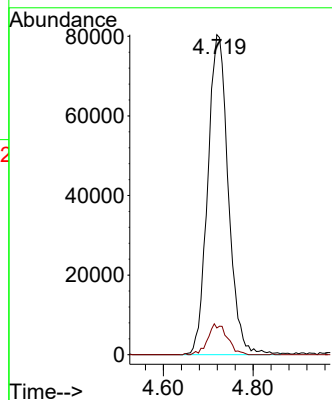
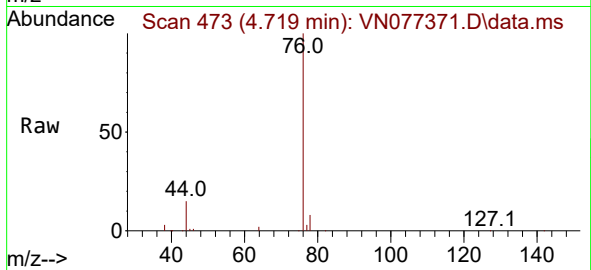
#17
Carbon Disulfide
Concen: 18.853 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion: 76 Resp: 255828
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

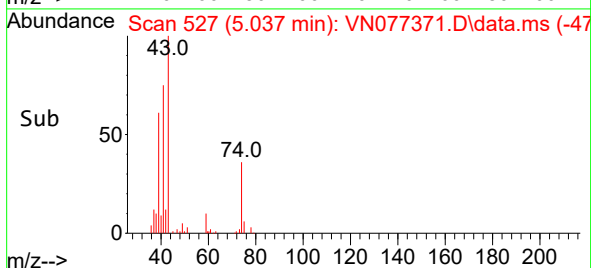
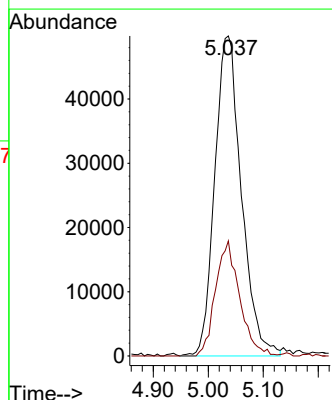
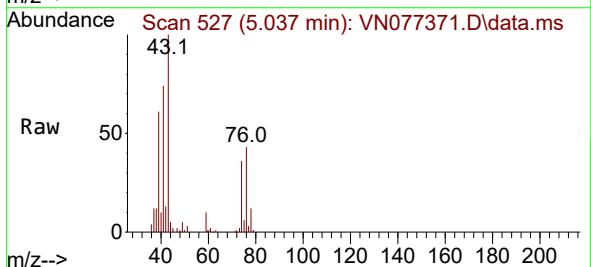
Manual Integrations
APPROVED

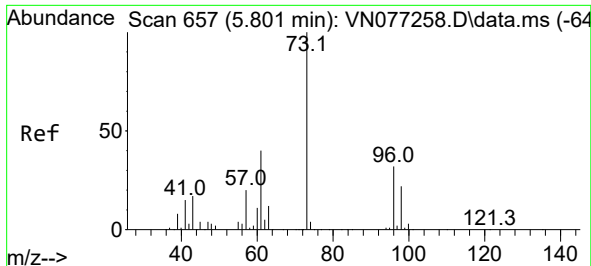
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 20.339 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

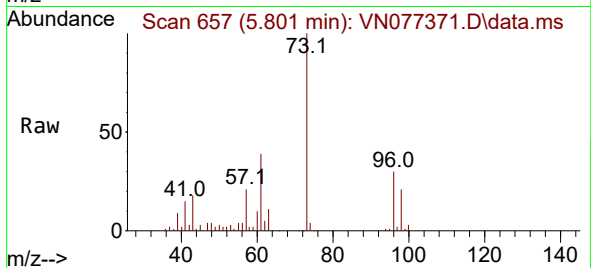
Tgt Ion: 43 Resp: 167683
Ion Ratio Lower Upper
43 100
74 32.5 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 22.600 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

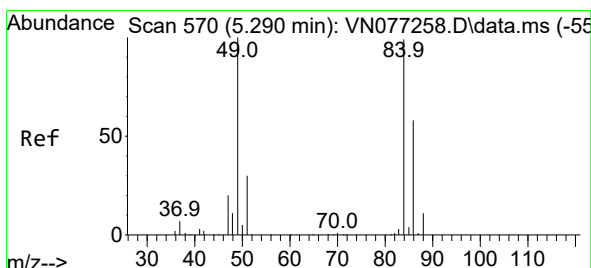
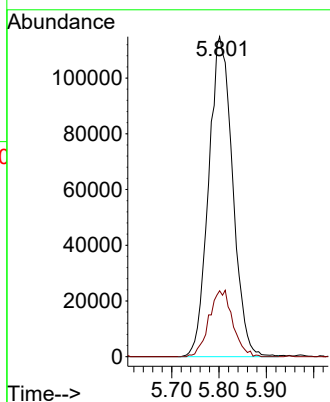
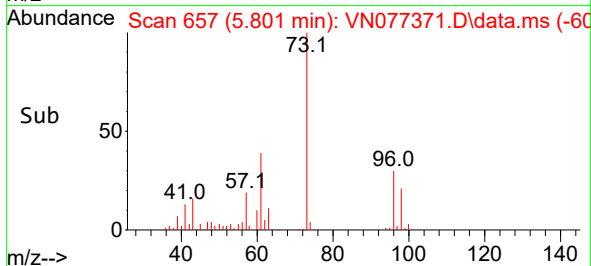
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 73 Resp: 40353
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

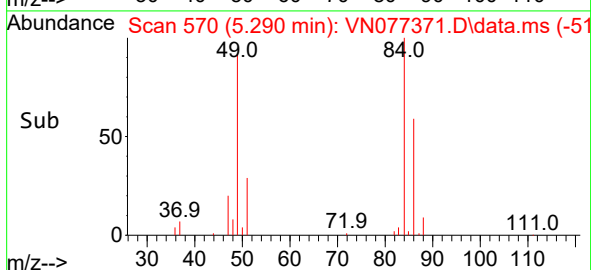
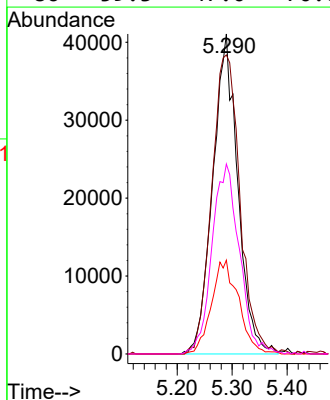
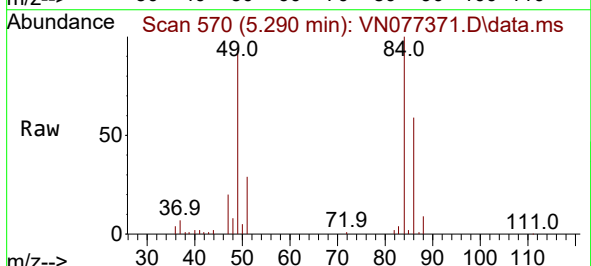
Manual Integrations
APPROVED

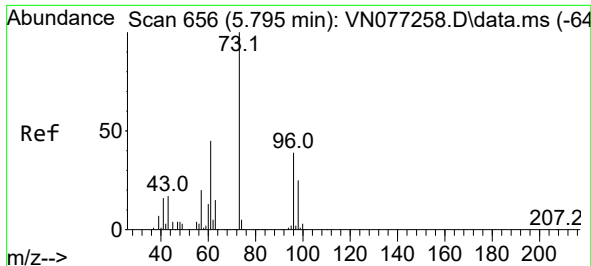
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 21.203 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

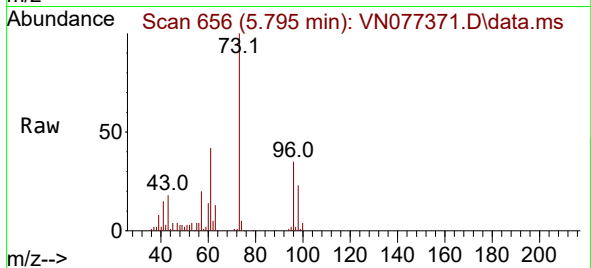
Tgt Ion: 84 Resp: 129621
Ion Ratio Lower Upper
84 100
49 93.5 80.6 121.0
51 29.3 24.4 36.6
86 59.3 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 21.636 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

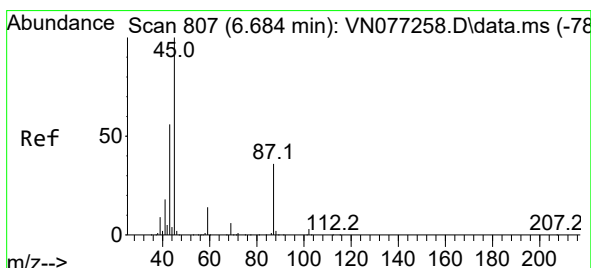
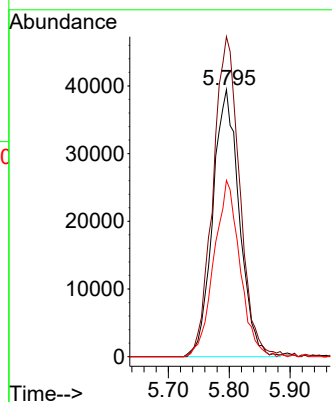
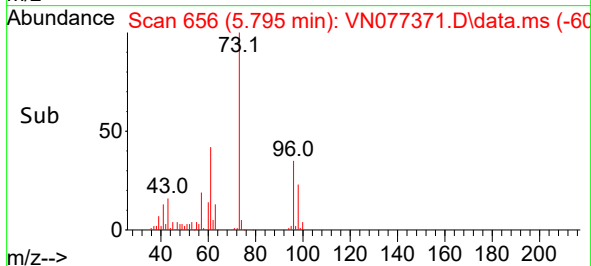
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 96 Resp: 119204
Ion Ratio Lower Upper
96 100
61 119.8 93.8 140.6
98 66.1 50.9 76.3

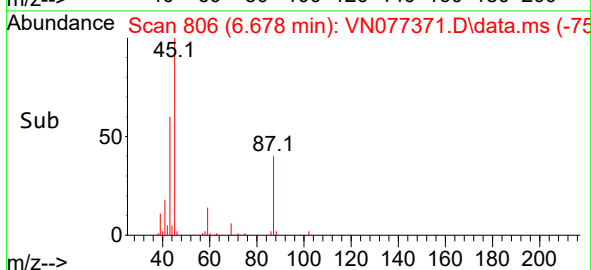
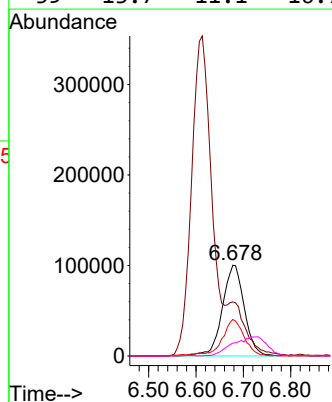
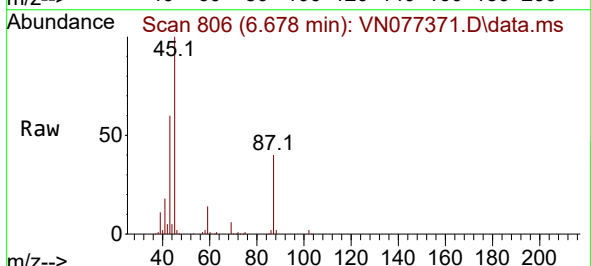
Manual Integrations
APPROVED

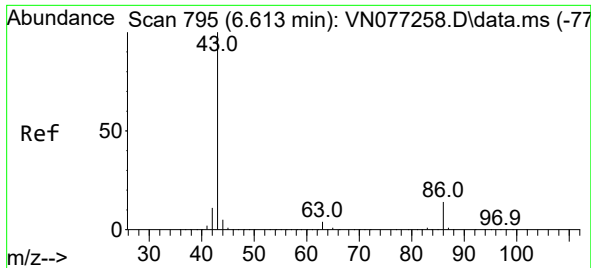
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 21.144 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

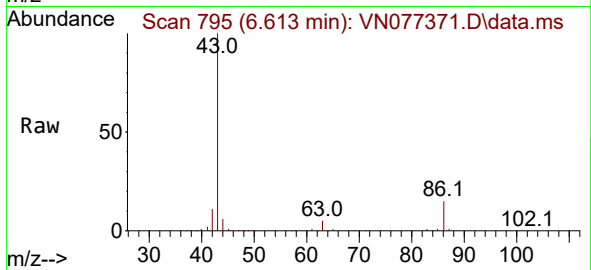
Tgt Ion: 45 Resp: 322163
Ion Ratio Lower Upper
45 100
43 57.9 44.6 66.8
87 40.2 28.4 42.6
59 13.7 11.1 16.7





#23
 Vinyl Acetate
 Concen: 117.112 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

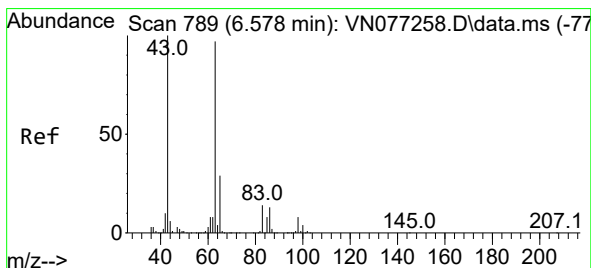
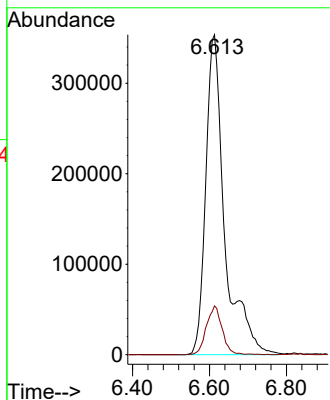
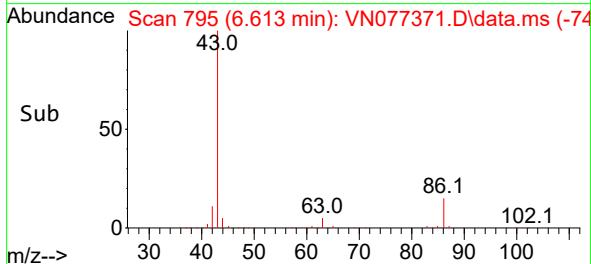
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD02



Tgt Ion: 43 Resp: 1206529
 Ion Ratio Lower Upper
 43 100
 86 15.2 11.2 16.8

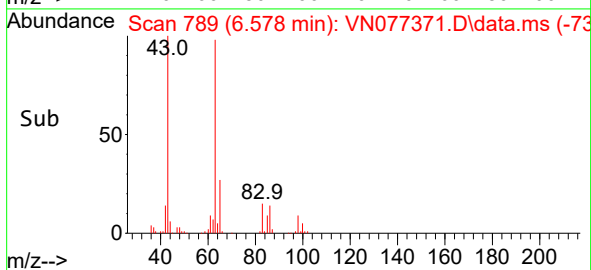
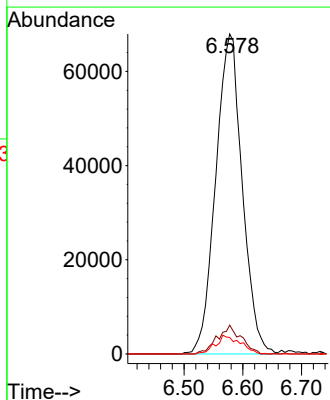
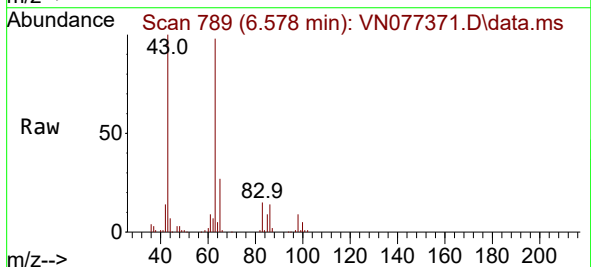
Manual Integrations
 APPROVED

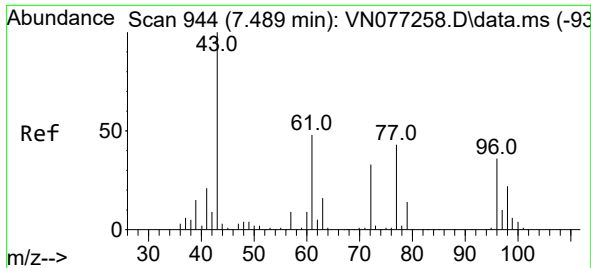
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 21.642 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

Tgt Ion: 63 Resp: 212938
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 12.0
 100 5.1 2.3 6.9





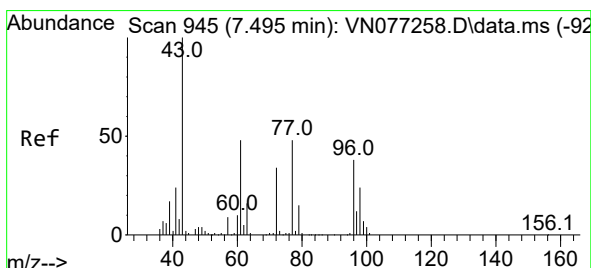
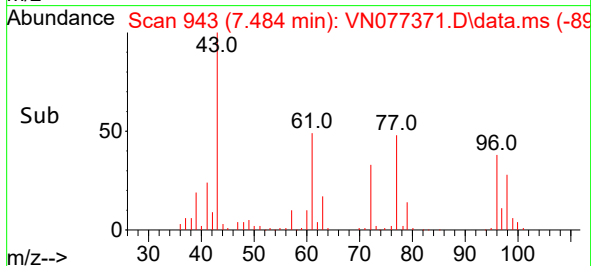
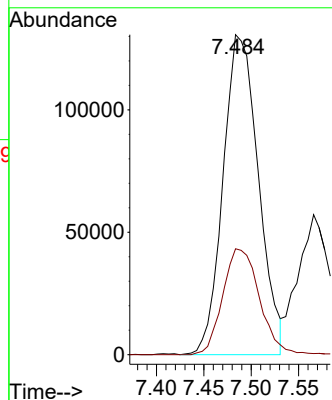
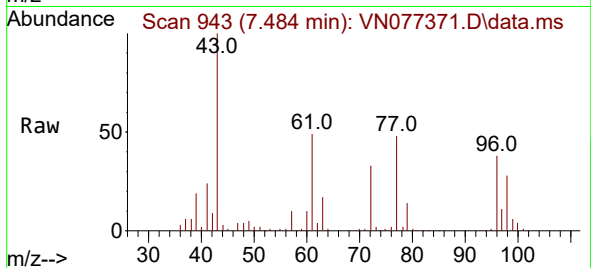
#25
2-Butanone
Concen: 96.648 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion: 43 Resp: 33954
Ion Ratio Lower Upper
43 100
72 33.1 26.6 39.8

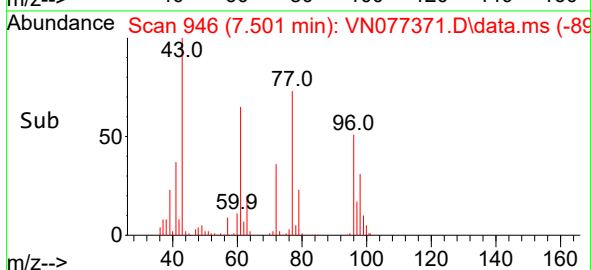
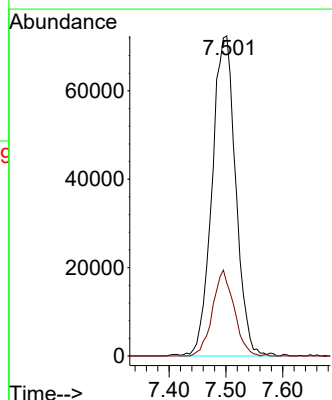
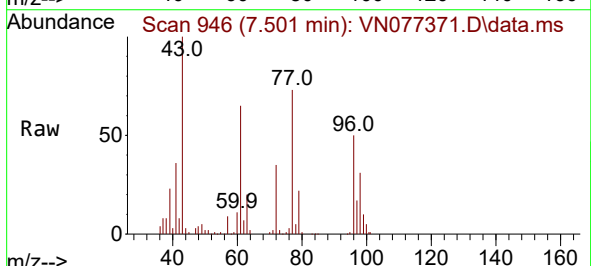
Manual Integrations
APPROVED

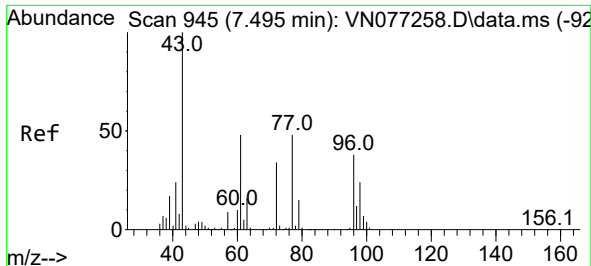
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#26
2,2-Dichloropropane
Concen: 23.173 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 77 Resp: 209075
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





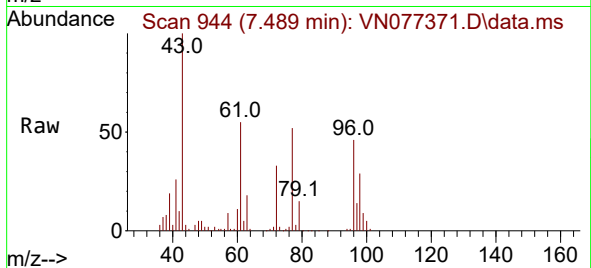
#27
 cis-1,2-Dichloroethene
 Concen: 23.130 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02



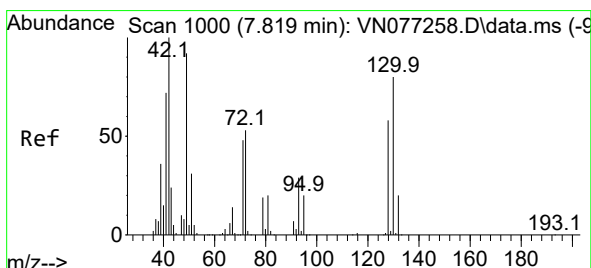
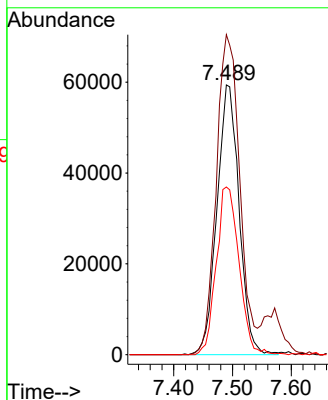
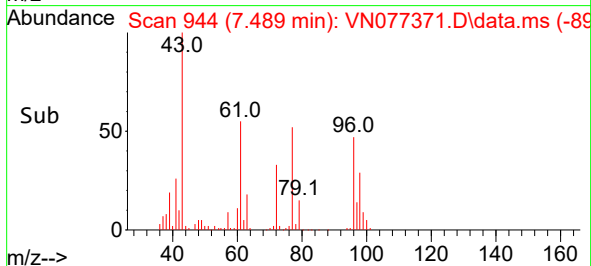
Tgt Ion: 96 Resp: 155620
 Ion Ratio Lower Upper
 96 100
 61 125.5 0.0 261.0
 98 63.7 0.0 128.0

Manual Integrations

APPROVED

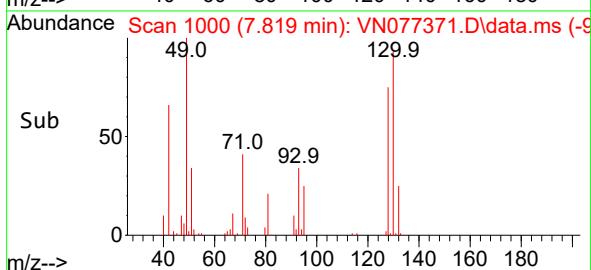
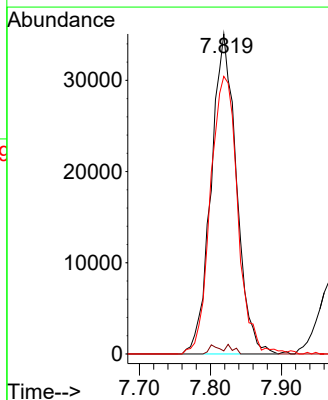
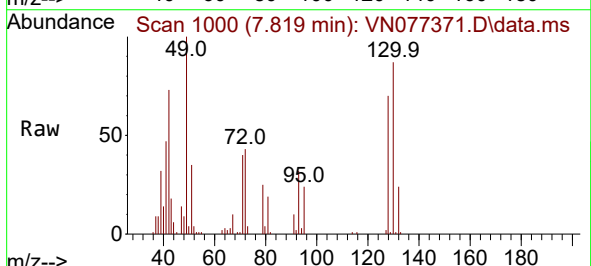
Reviewed By :John Carlone 04/20/2023

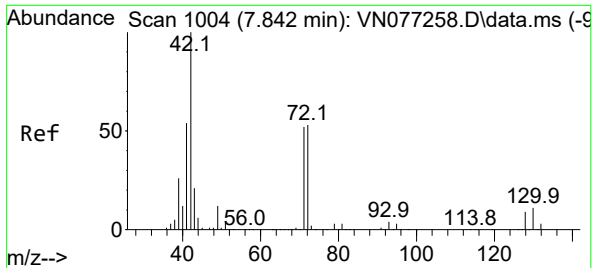
Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 21.941 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

Tgt Ion: 49 Resp: 86838
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.4
 130 93.4 68.4 102.6





#29

Tetrahydrofuran

Concen: 95.516 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077371.D

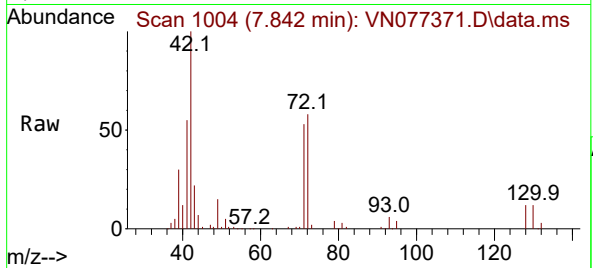
Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02



Tgt Ion: 42 Resp: 215710

Ion Ratio Lower Upper

42 100

72 59.0 44.6 66.8

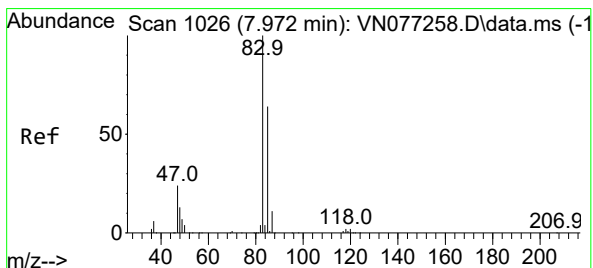
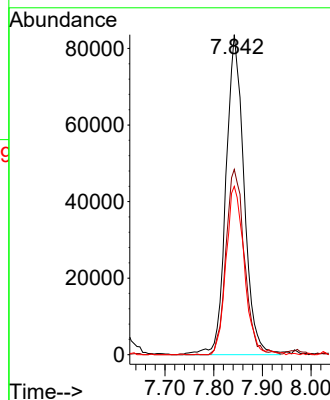
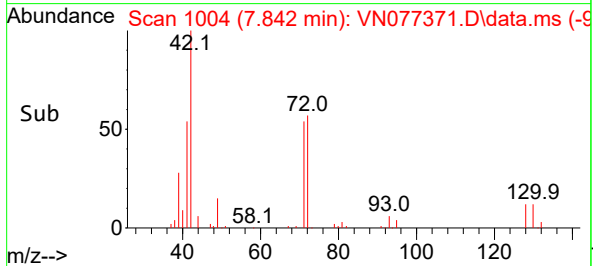
71 52.9 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 23.741 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077371.D

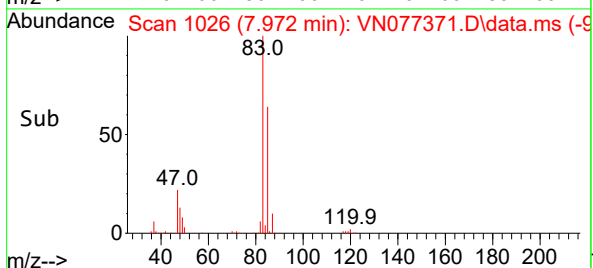
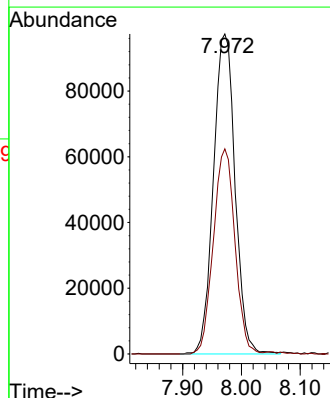
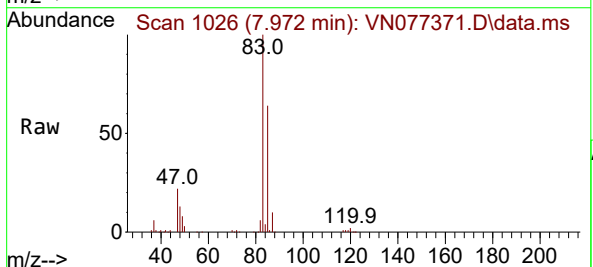
Acq: 19 Apr 2023 13:32

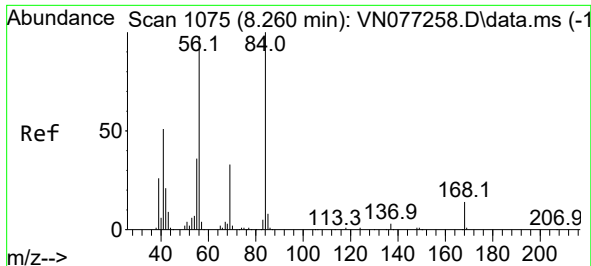
Tgt Ion: 83 Resp: 249101

Ion Ratio Lower Upper

83 100

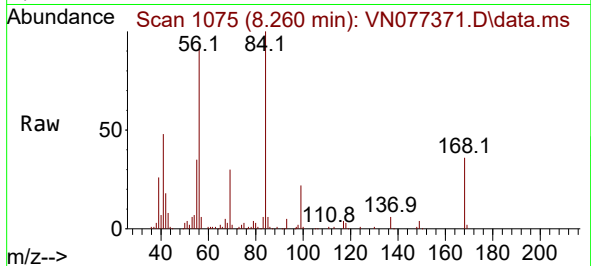
85 64.1 50.9 76.3





#31
Cyclohexane
Concen: 20.006 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

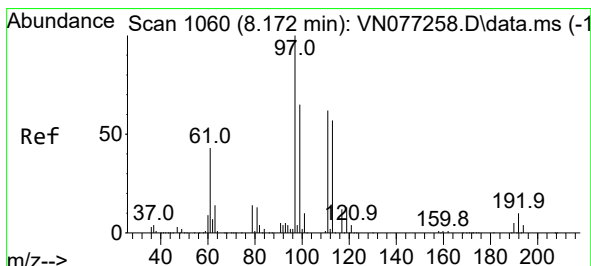
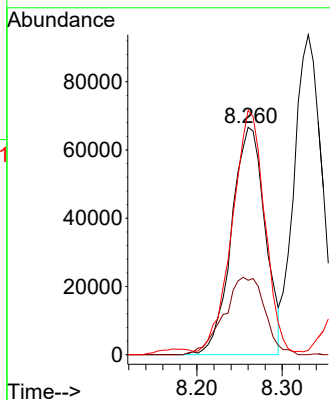
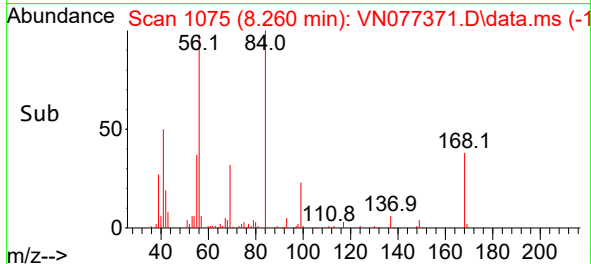
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 56 Resp: 18251
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 105.2 81.8 122.8

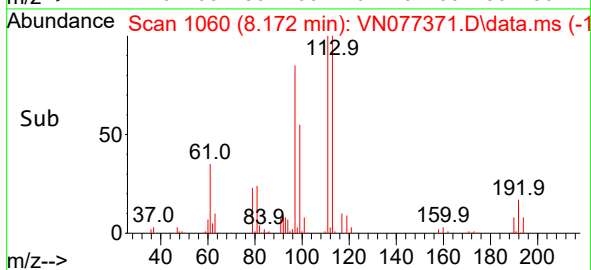
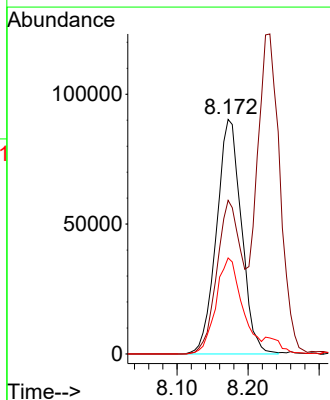
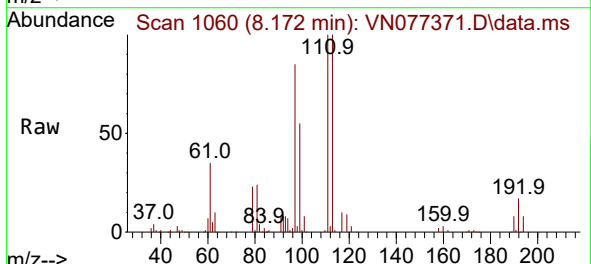
Manual Integrations
APPROVED

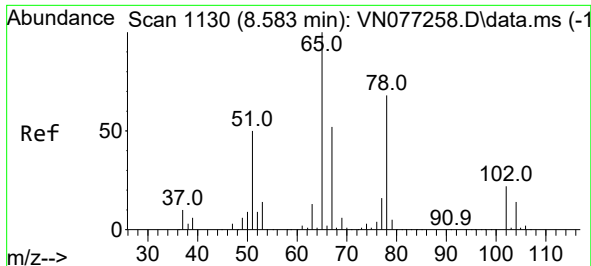
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#32
1,1,1-Trichloroethane
Concen: 23.047 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 97 Resp: 219926
Ion Ratio Lower Upper
97 100
99 62.7 54.2 81.4
61 43.3 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 49.266 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02

Tgt Ion: 65 Resp: 28924

Ion Ratio Lower Upper

65 100

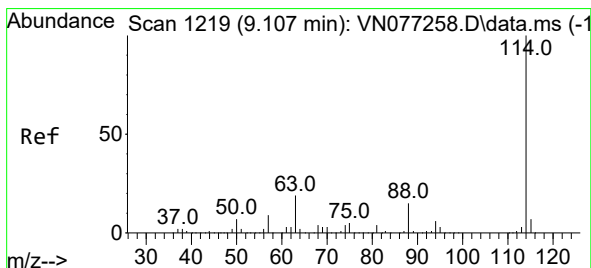
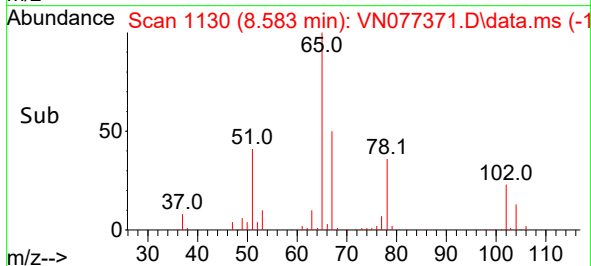
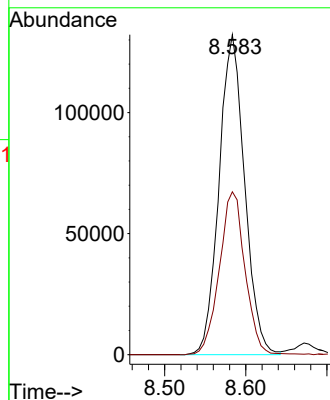
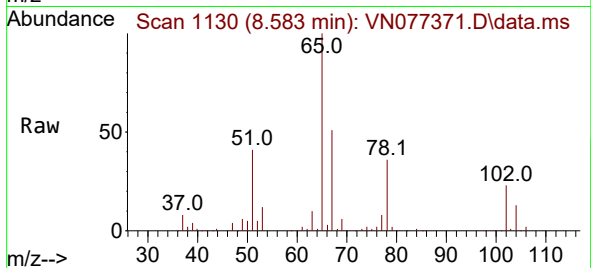
67 51.1 0.0 108.8

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: VN077371.D

Acq: 19 Apr 2023 13:32

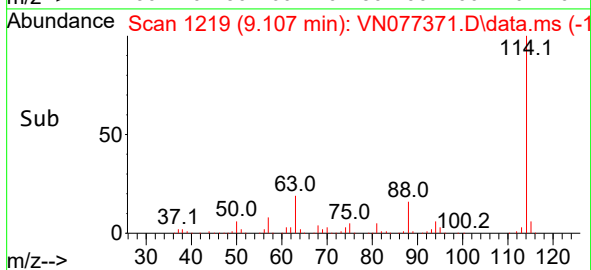
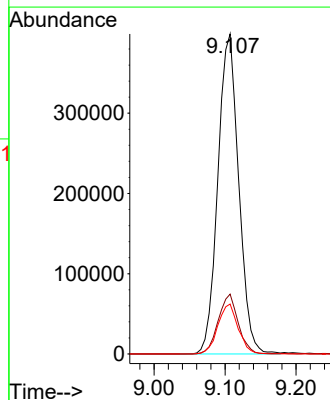
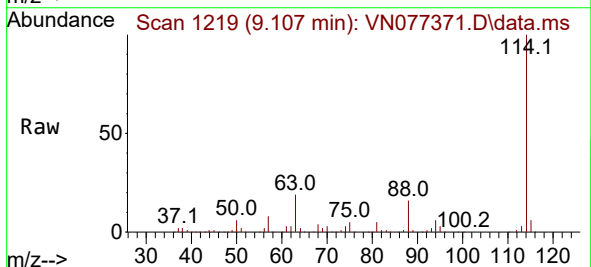
Tgt Ion:114 Resp: 810660

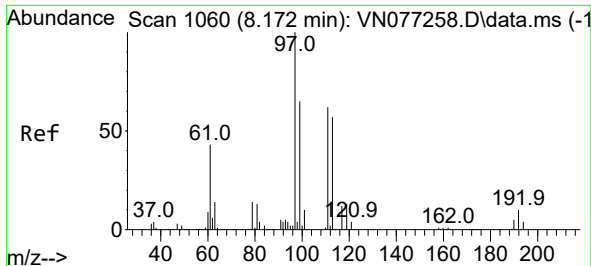
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

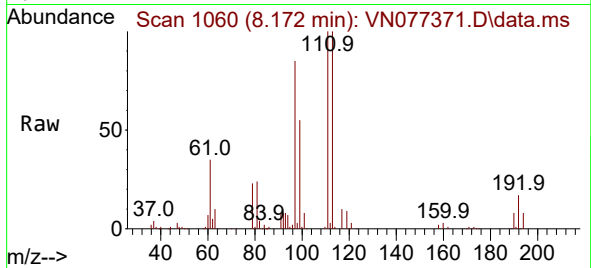
88 15.6 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.158 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

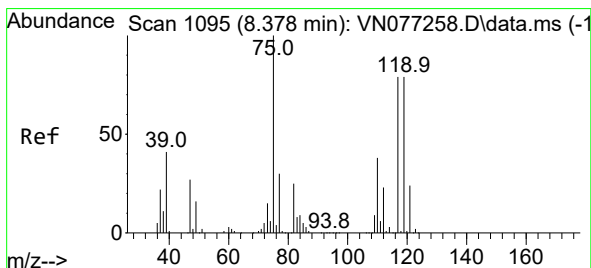
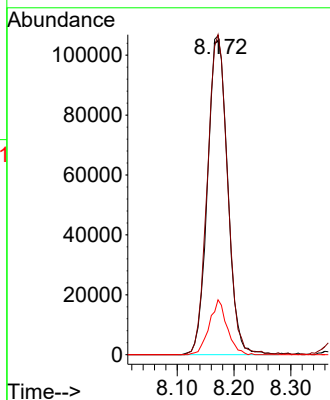
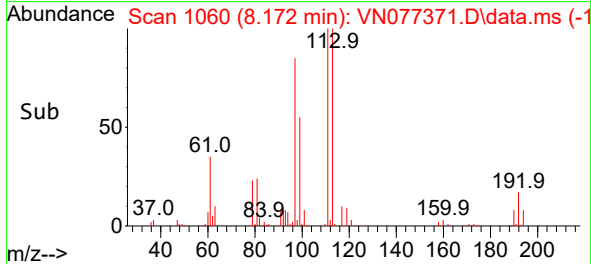
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 113 Resp: 26030
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.0
192 15.3 13.5 20.3

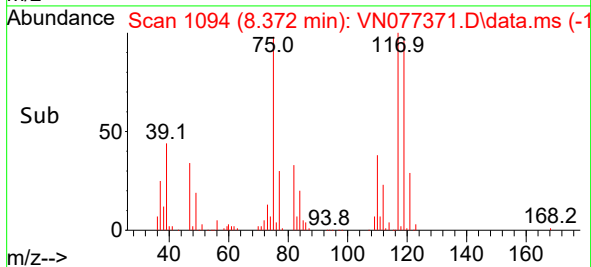
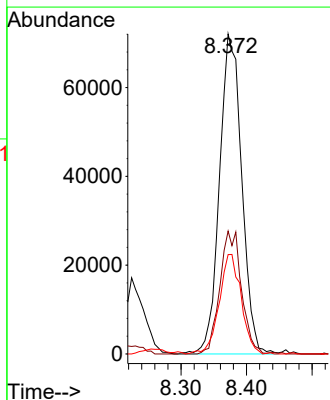
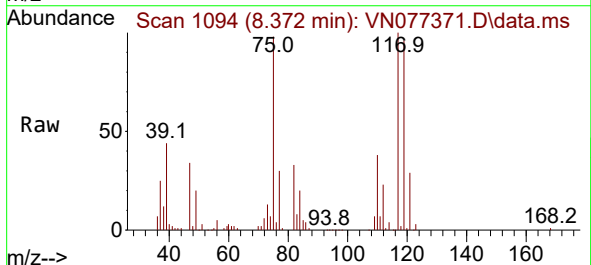
Manual Integrations
APPROVED

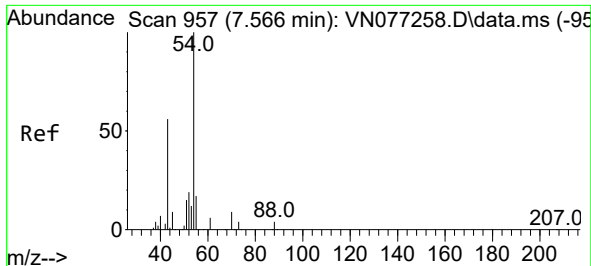
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
1,1-Dichloropropene
Concen: 22.097 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

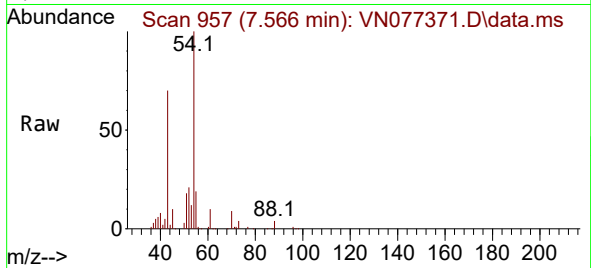
Tgt Ion: 75 Resp: 169603
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 20.652 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

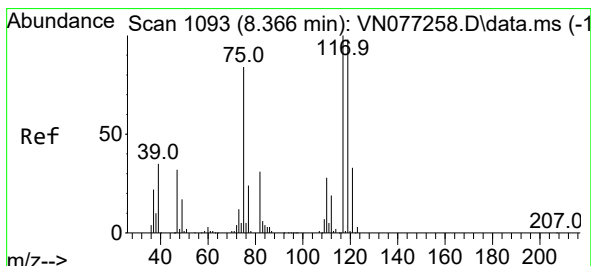
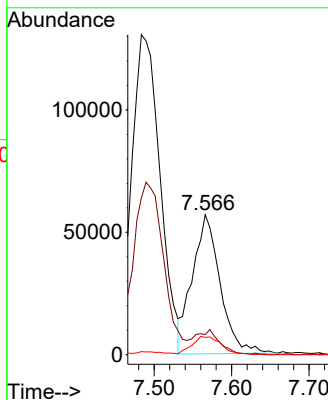
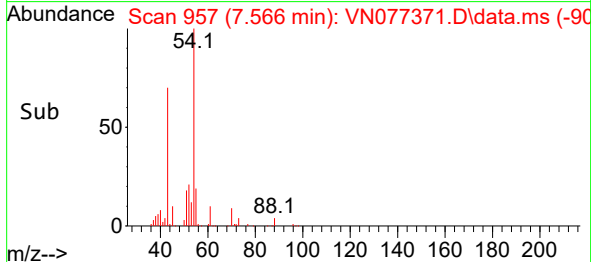
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 43 Resp: 141820
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 13.7 10.0 15.0

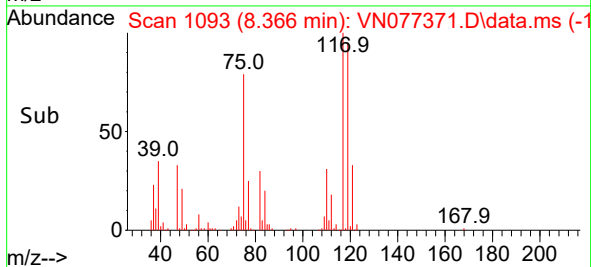
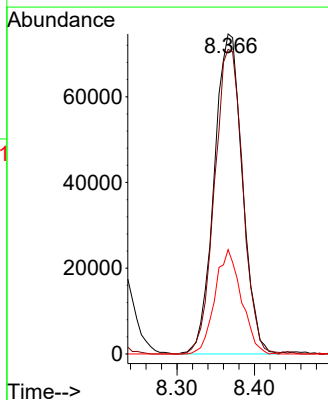
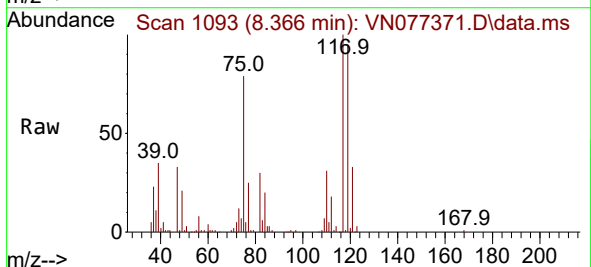
Manual Integrations
APPROVED

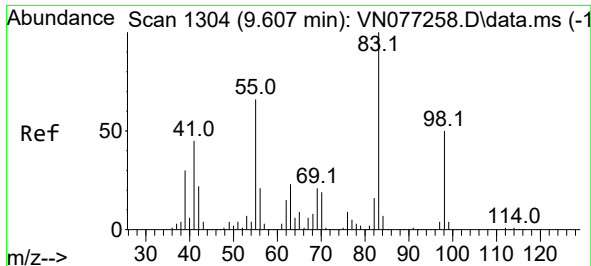
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 24.011 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion:117 Resp: 188819
Ion Ratio Lower Upper
117 100
119 95.2 78.5 117.7
121 32.6 26.6 40.0





#39

Methylcyclohexane

Concen: 22.521 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02

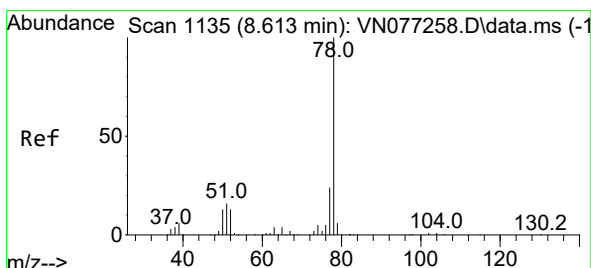
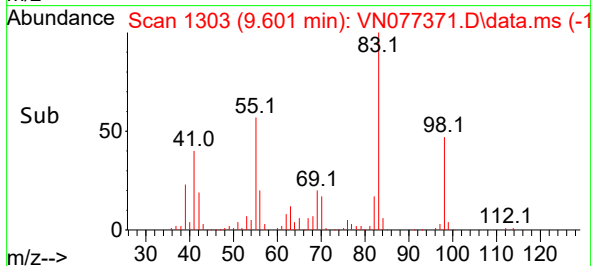
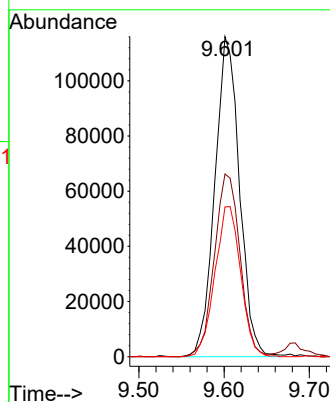
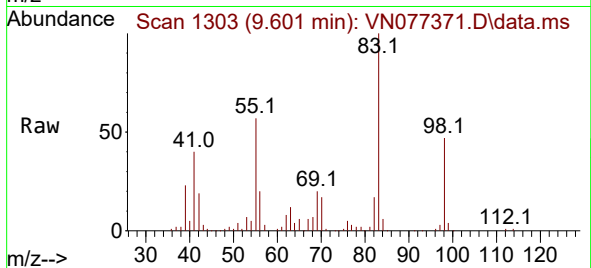
Tgt Ion: 83 Resp: 233083
 Ion Ratio Lower Upper
 83 100
 55 57.1 52.4 78.6
 98 46.8 39.8 59.6

Manual Integrations

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Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 22.508 ug/l

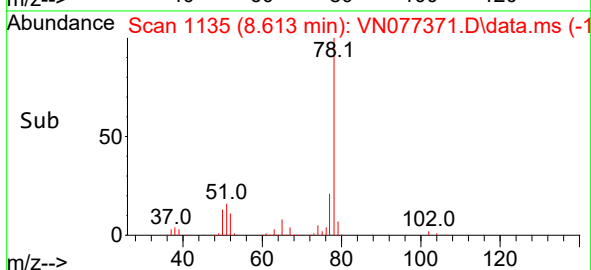
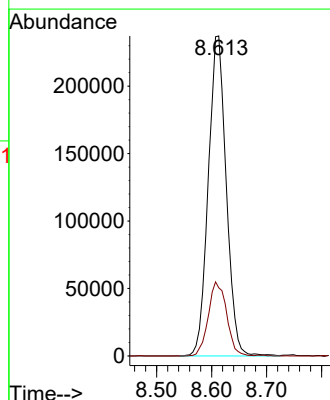
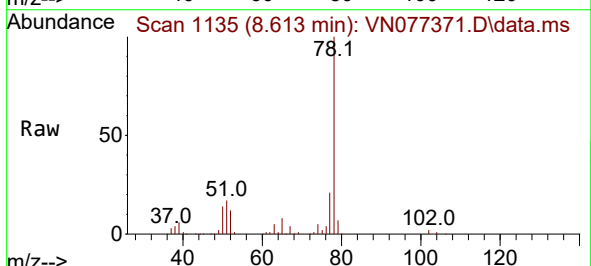
RT: 8.613 min Scan# 1135

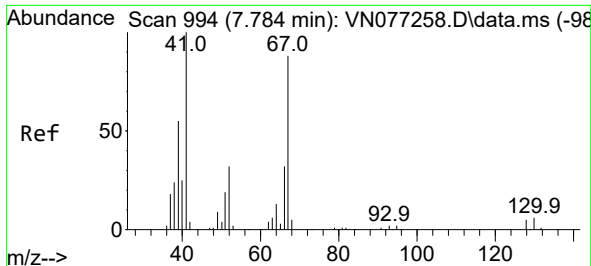
Delta R.T. -0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

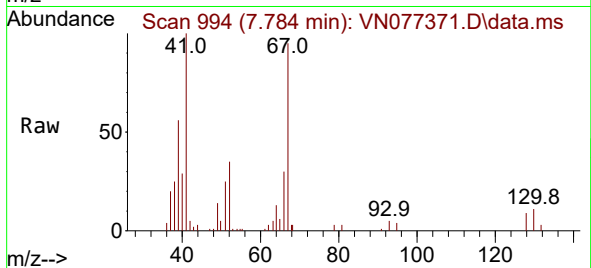
Tgt Ion: 78 Resp: 538856
 Ion Ratio Lower Upper
 78 100
 77 21.3 19.5 29.3





#41
Methacrylonitrile
Concen: 18.932 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

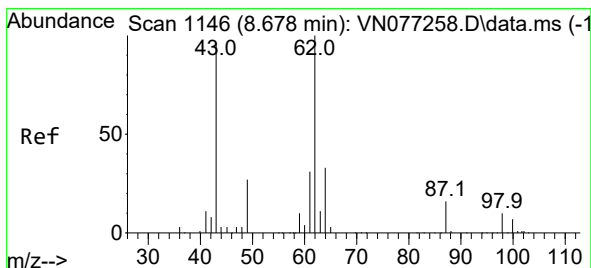
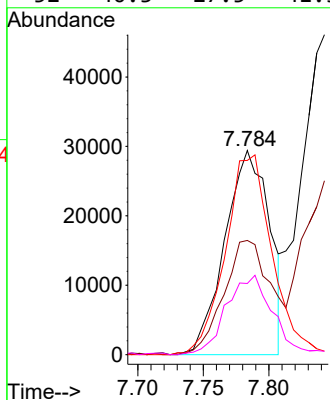
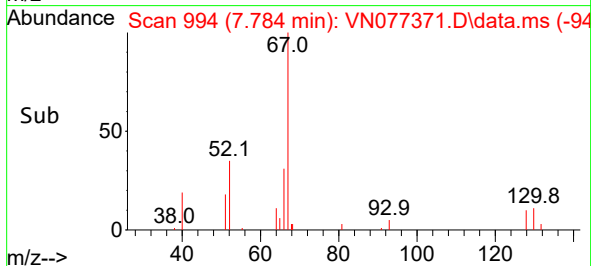
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



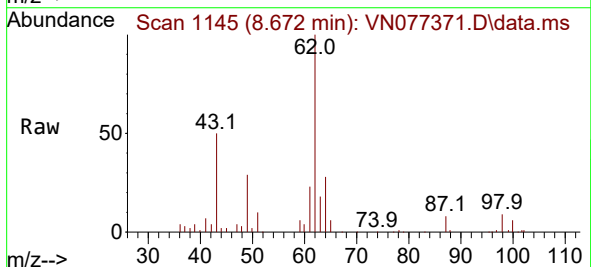
Tgt Ion: 41 Resp: 6988
Ion Ratio Lower Upper
41 100
39 59.9 44.1 66.1
67 101.8 71.4 107.2
52 40.3 27.5 41.3

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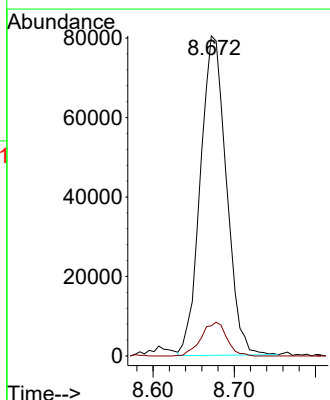
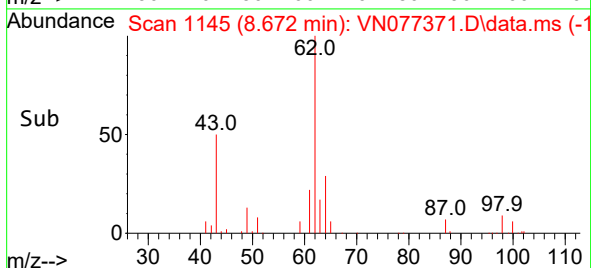
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

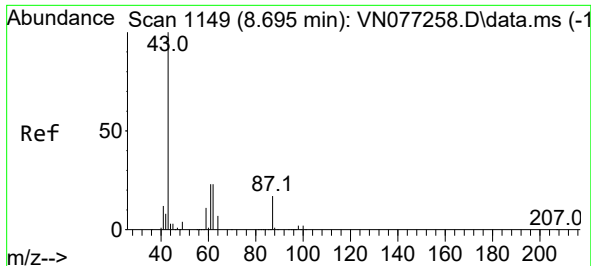


#42
1,2-Dichloroethane
Concen: 24.269 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



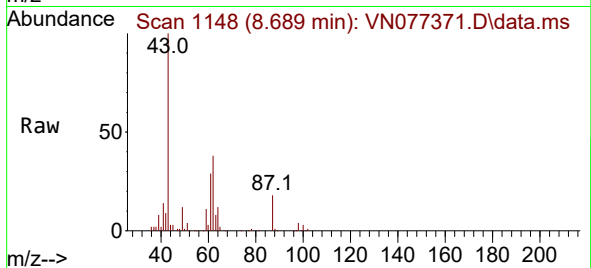
Tgt Ion: 62 Resp: 178823
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 20.077 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

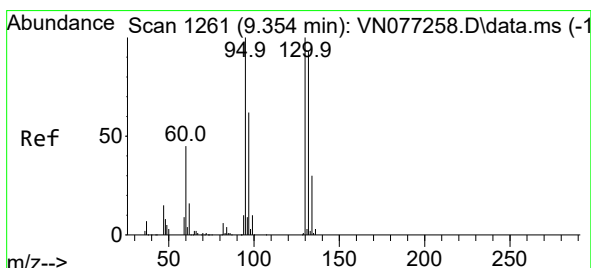
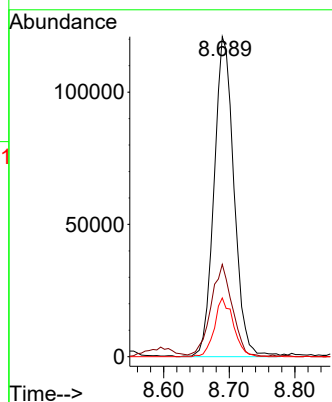
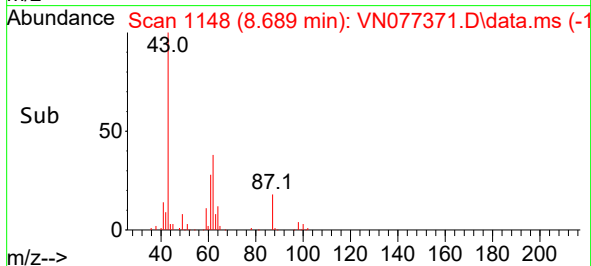
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 43 Resp: 25441
Ion Ratio Lower Upper
43 100
61 30.8 22.7 34.1
87 17.5 13.6 20.4

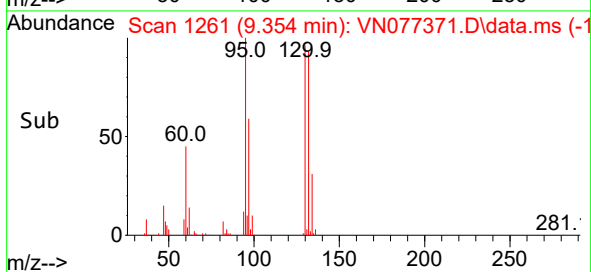
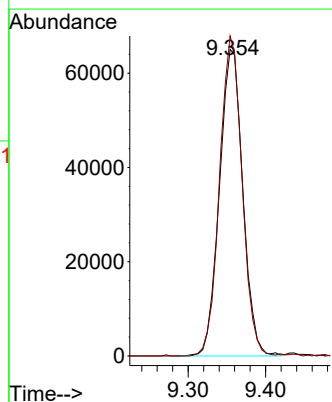
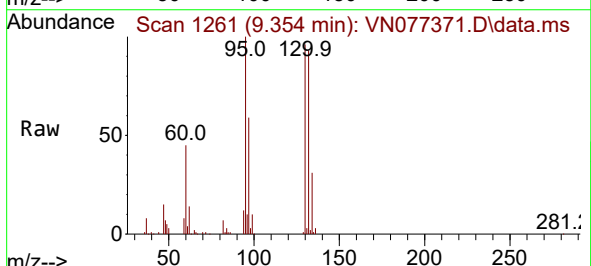
Manual Integrations
APPROVED

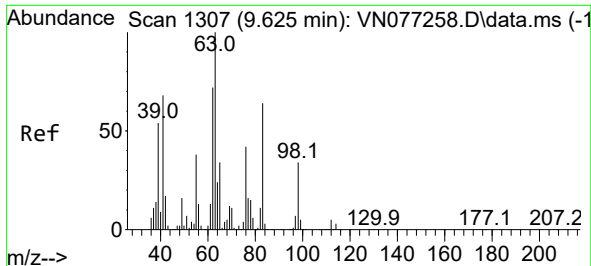
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 23.795 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion:130 Resp: 136306
Ion Ratio Lower Upper
130 100
95 104.4 0.0 200.2





#45

1,2-Dichloropropane

Concen: 23.079 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02

Tgt Ion: 63 Resp: 13122

Ion Ratio Lower Upper

63 100

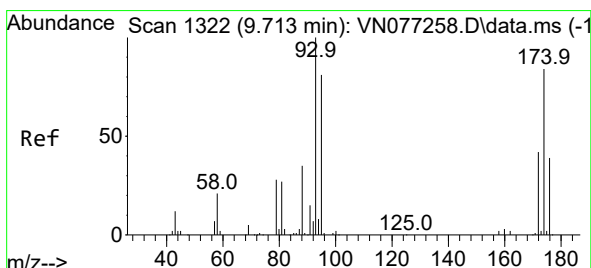
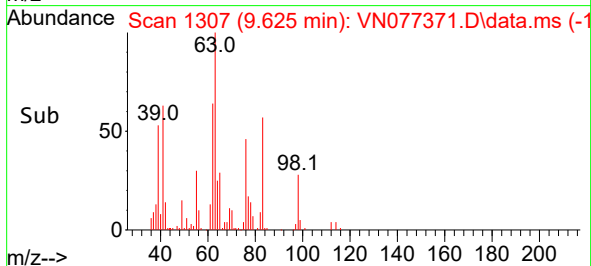
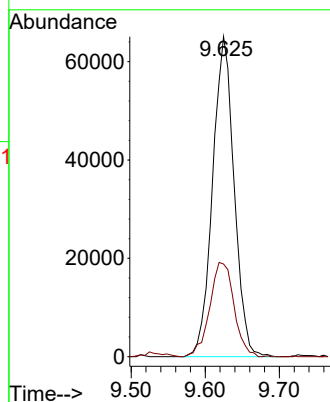
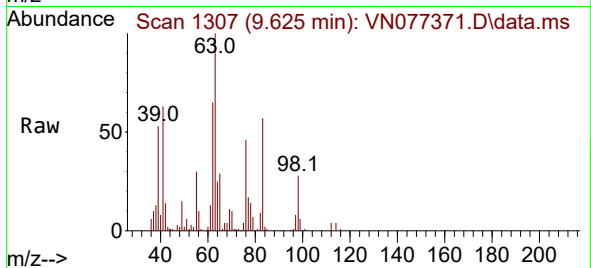
65 29.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 24.081 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

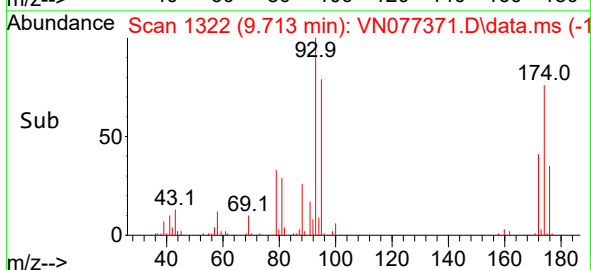
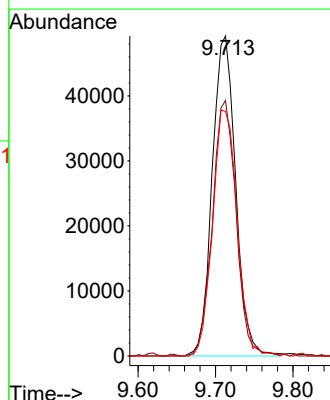
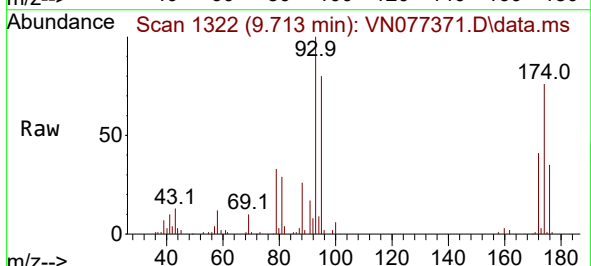
Tgt Ion: 93 Resp: 103162

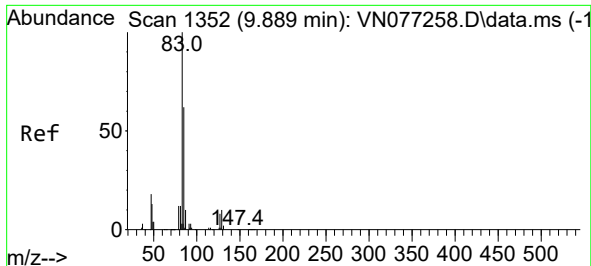
Ion Ratio Lower Upper

93 100

95 81.2 65.8 98.6

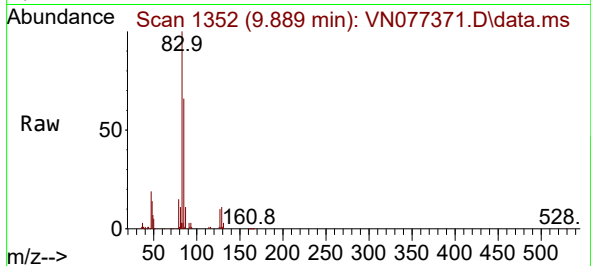
174 80.7 66.0 99.0





#47
Bromodichloromethane
Concen: 23.303 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

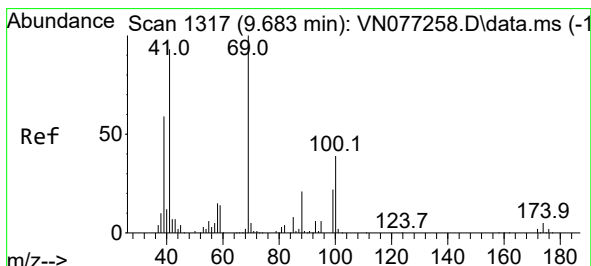
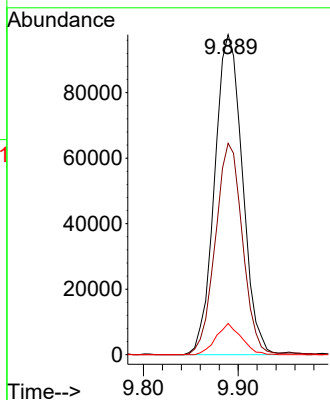
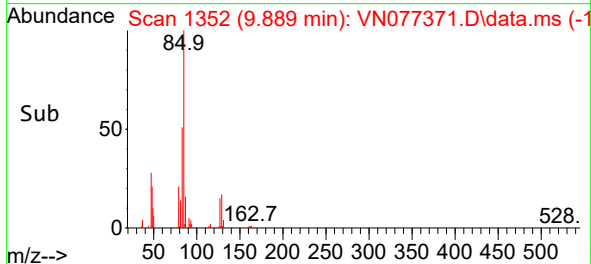
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 83 Resp: 199534
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.8
127 9.7 6.2 9.2

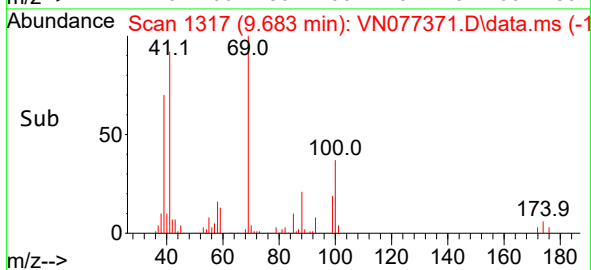
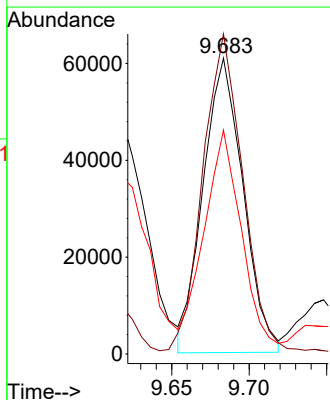
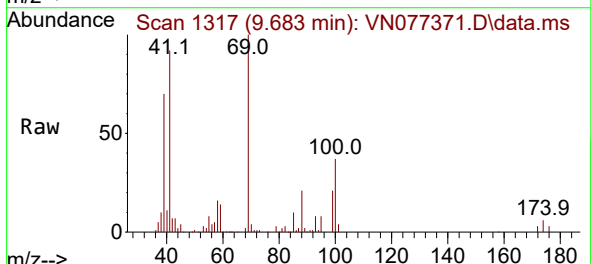
Manual Integrations
APPROVED

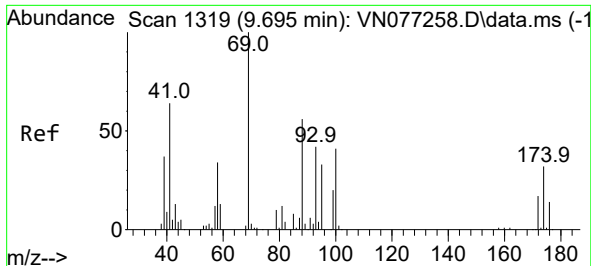
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#48
Methyl methacrylate
Concen: 20.176 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

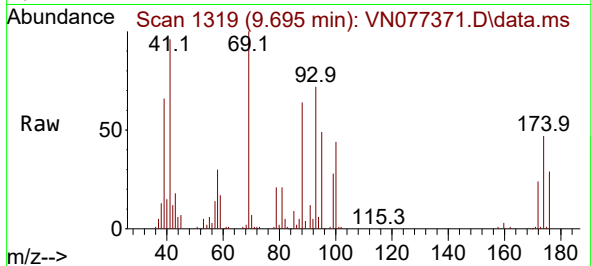
Tgt Ion: 41 Resp: 109066
Ion Ratio Lower Upper
41 100
69 108.8 85.0 127.6
39 71.7 53.5 80.3





#49
1,4-Dioxane
Concen: 395.132 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

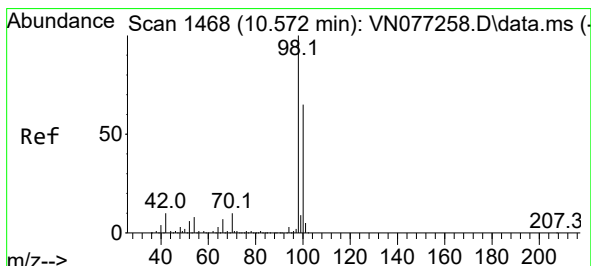
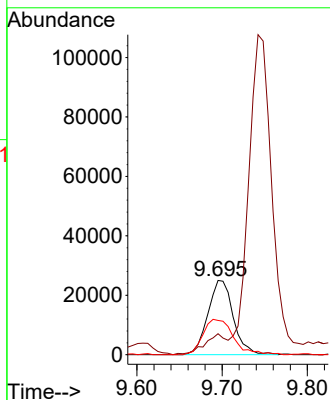
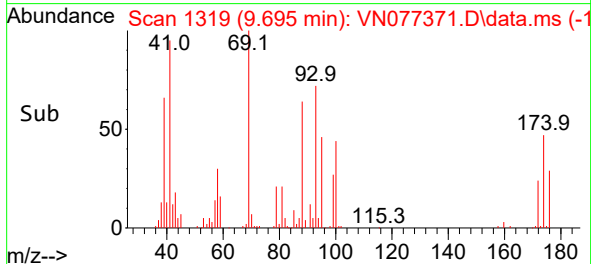
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



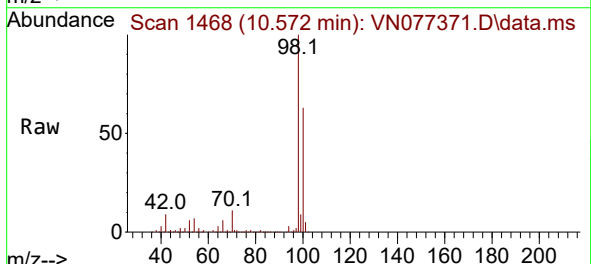
Tgt Ion: 88 Resp: 51785
Ion Ratio Lower Upper
88 100
43 24.3 17.0 25.6
58 56.9 49.8 74.6

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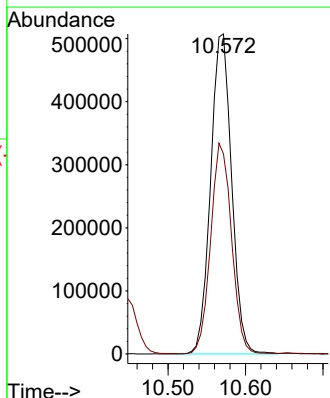
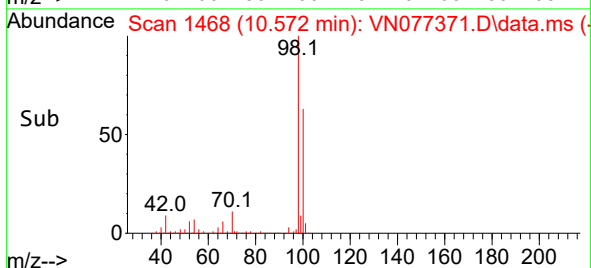
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

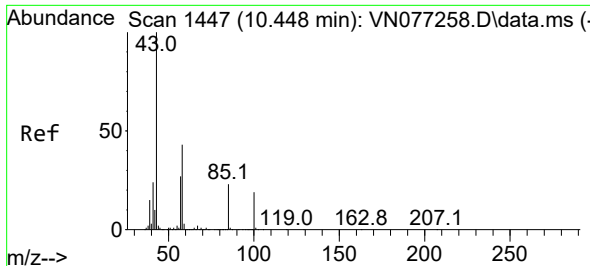


#50
Toluene-d8
Concen: 45.866 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



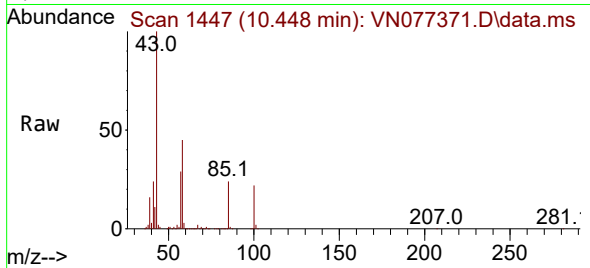
Tgt Ion: 98 Resp: 958215
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 99.423 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

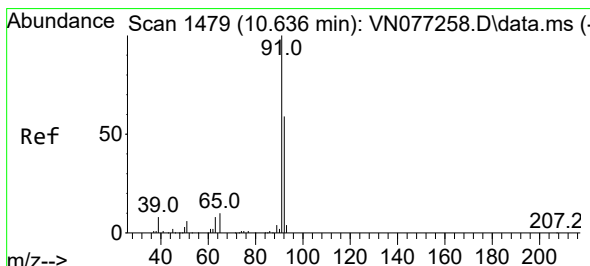
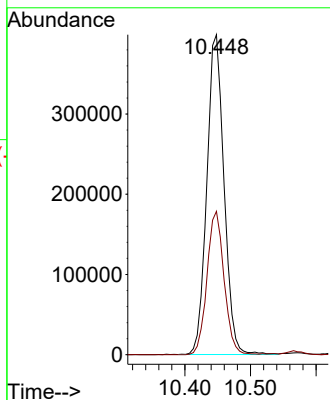
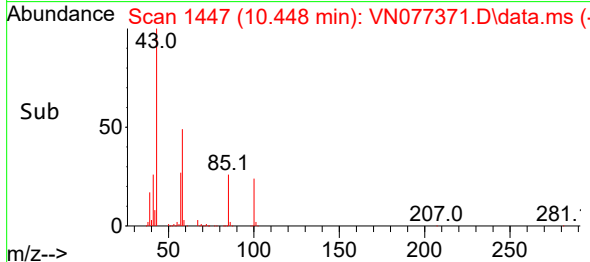
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



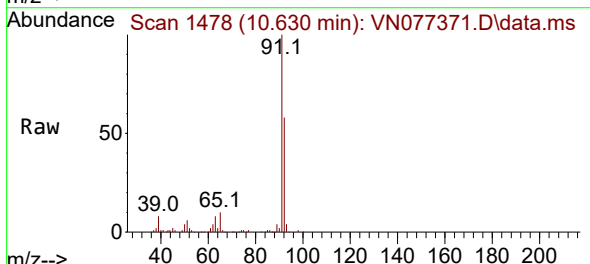
Tgt Ion: 43 Resp: 728229
Ion Ratio Lower Upper
43 100
58 44.4 34.6 52.0

Manual Integrations
APPROVED

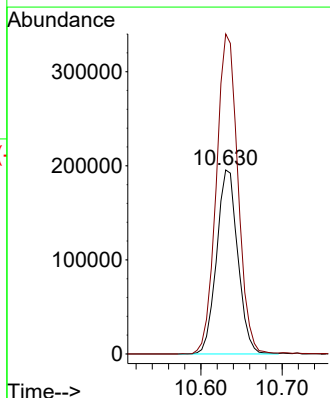
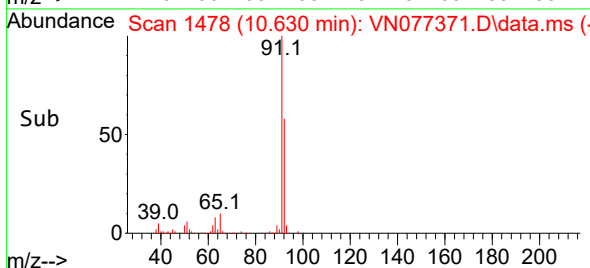
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

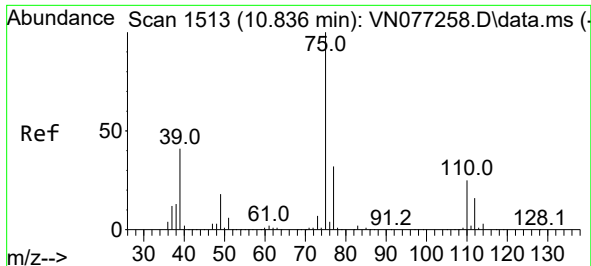


#52
Toluene
Concen: 22.669 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



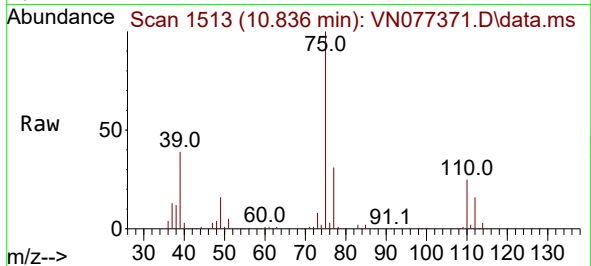
Tgt Ion: 92 Resp: 355228
Ion Ratio Lower Upper
92 100
91 177.3 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 23.011 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

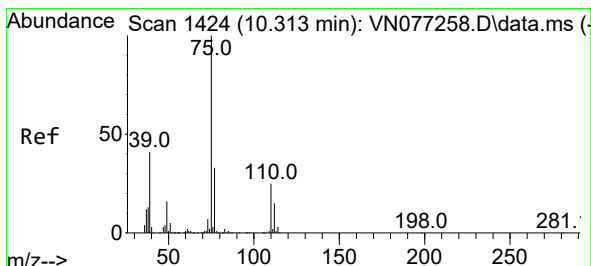
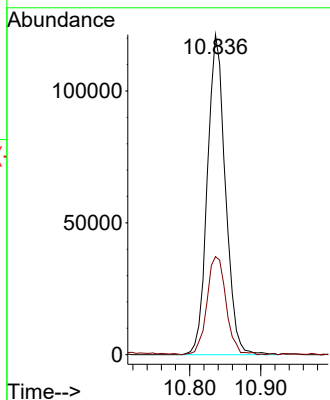
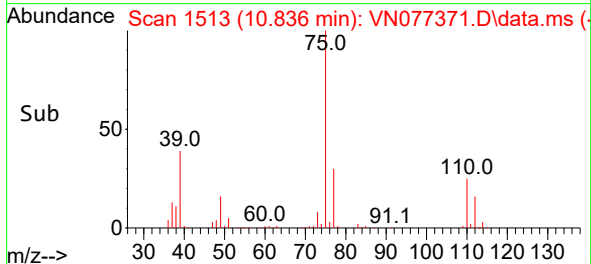
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 75 Resp: 213950
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

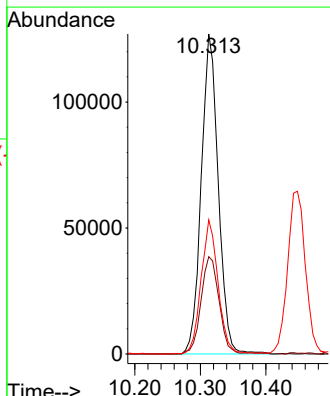
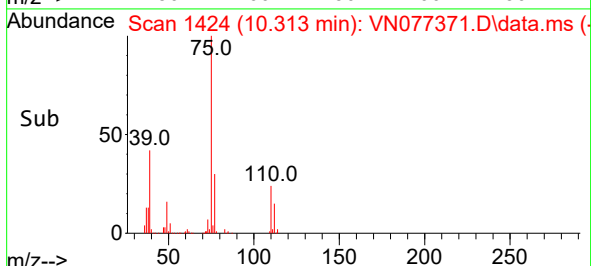
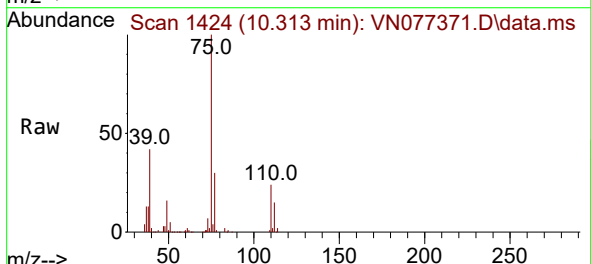
Manual Integrations
APPROVED

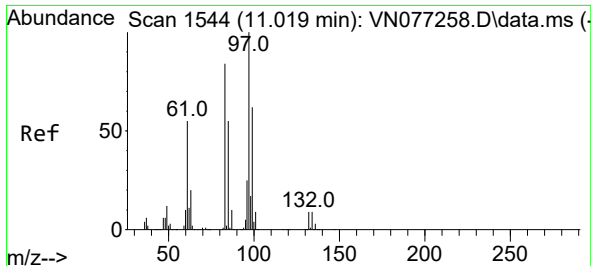
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
cis-1,3-Dichloropropene
Concen: 23.192 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

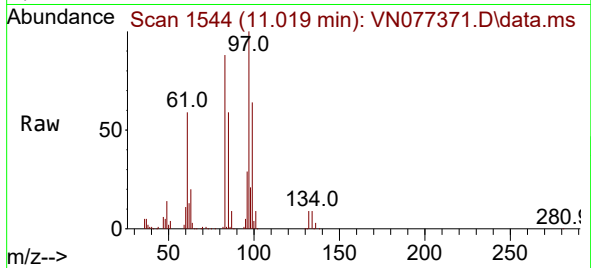
Tgt Ion: 75 Resp: 229690
Ion Ratio Lower Upper
75 100
77 30.4 26.7 40.1
39 41.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 23.541 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

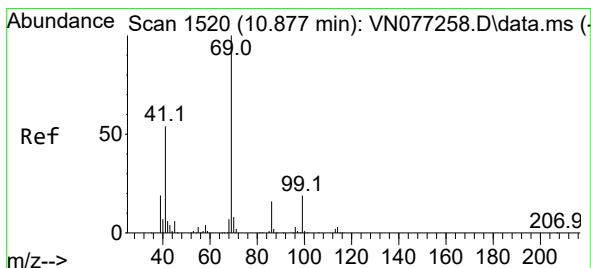
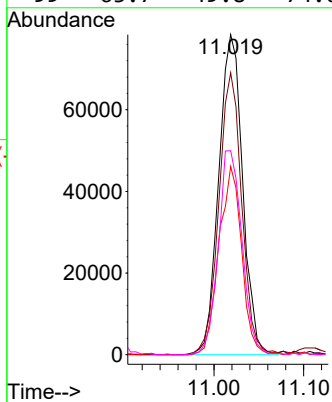
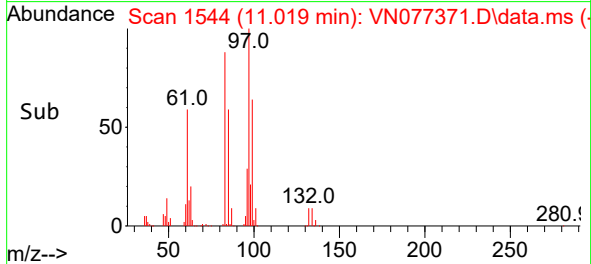


Tgt Ion: 97 Resp: 144809

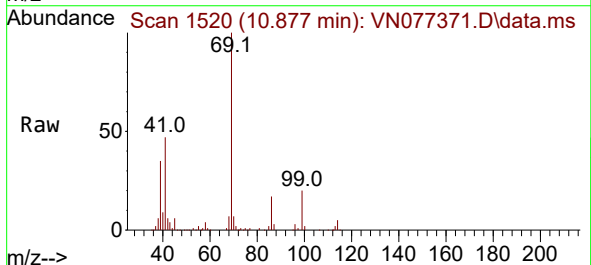
Ion	Ratio	Lower	Upper
97	100		
83	88.1	67.4	101.2
85	58.8	44.1	66.1
99	63.7	49.8	74.6

Manual Integrations
APPROVED

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

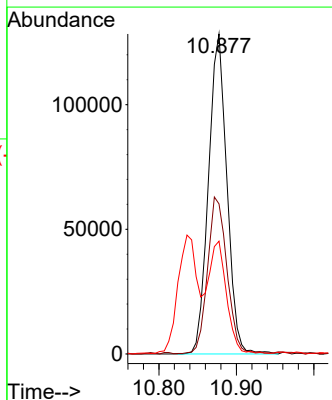
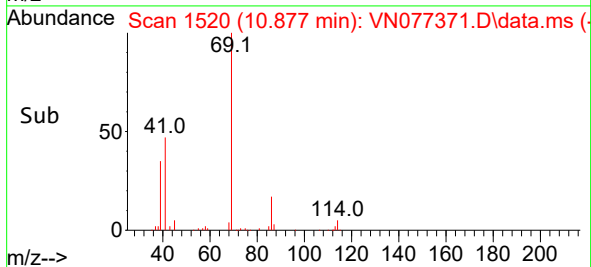


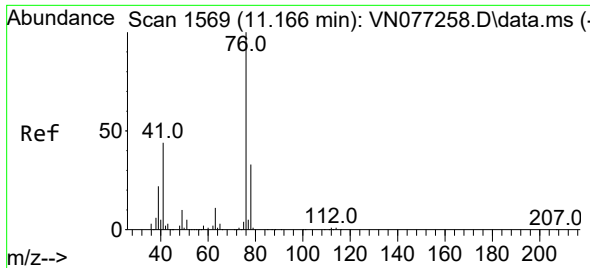
#56
Ethyl methacrylate
Concen: 22.121 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



Tgt Ion: 69 Resp: 211942

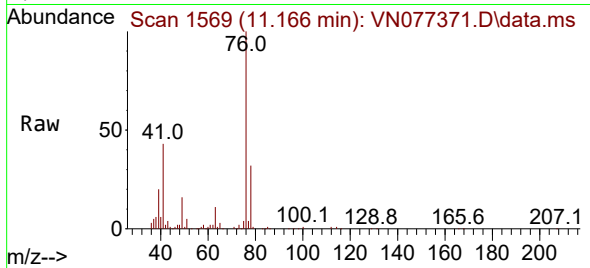
Ion	Ratio	Lower	Upper
69	100		
41	51.4	42.8	64.2
39	35.6	27.0	40.4





#57
1,3-Dichloropropane
Concen: 24.234 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

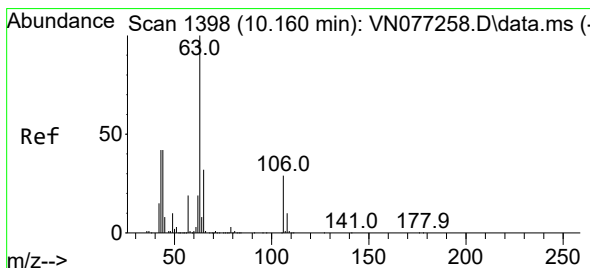
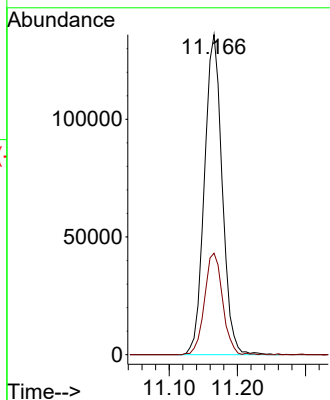
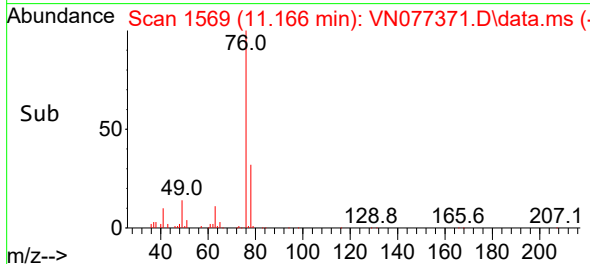
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



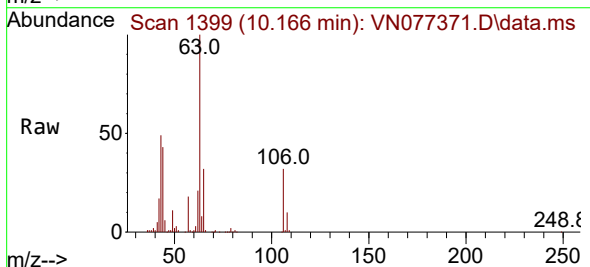
Tgt Ion: 76 Resp: 246279
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
APPROVED

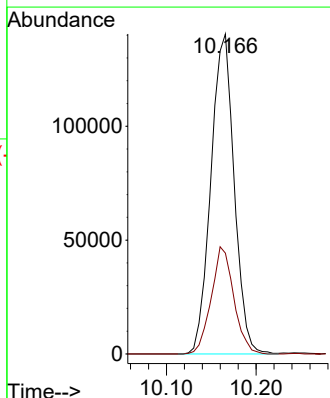
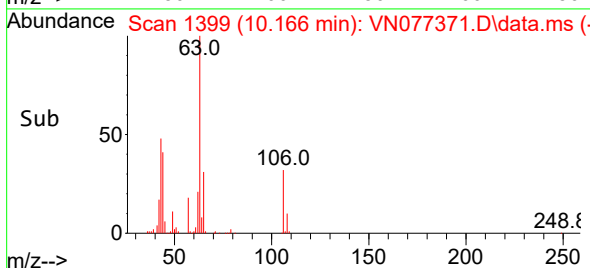
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

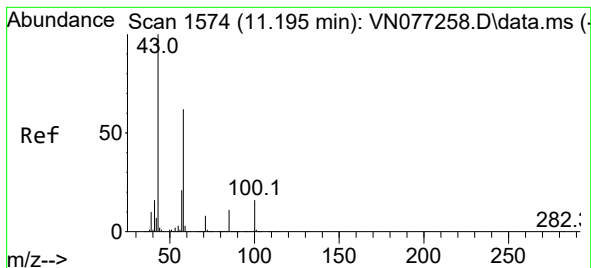


#58
2-Chloroethyl Vinyl ether
Concen: 88.767 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



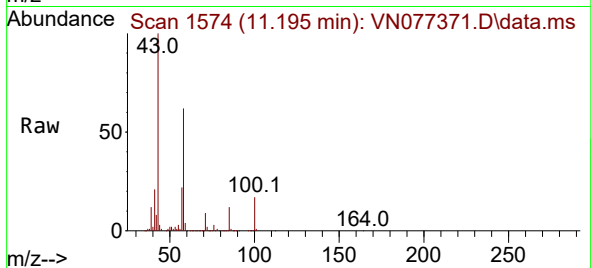
Tgt Ion: 63 Resp: 253172
Ion Ratio Lower Upper
63 100
106 32.4 24.1 36.1





#59
2-Hexanone
Concen: 97.815 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

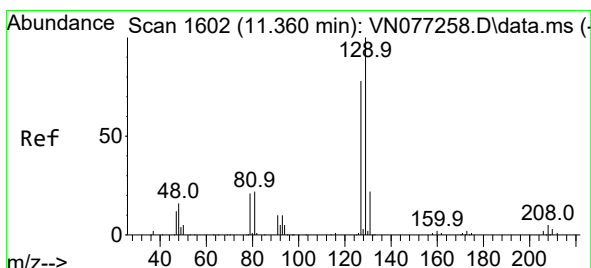
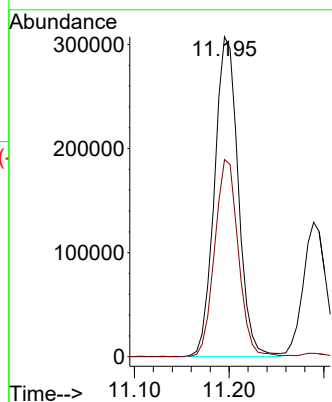
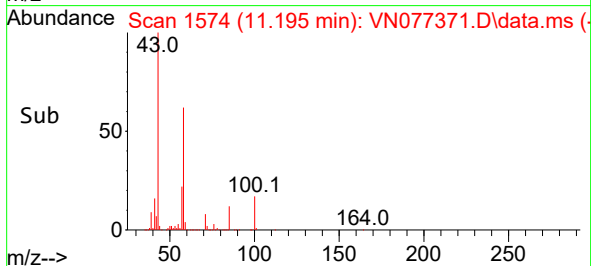
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 43 Resp: 53375
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

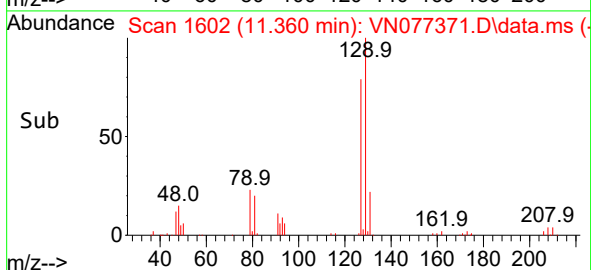
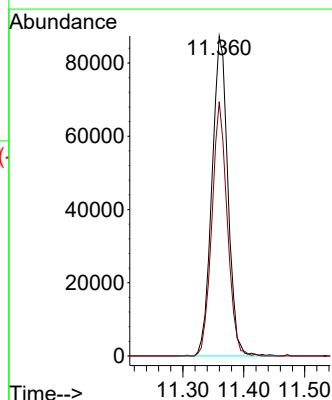
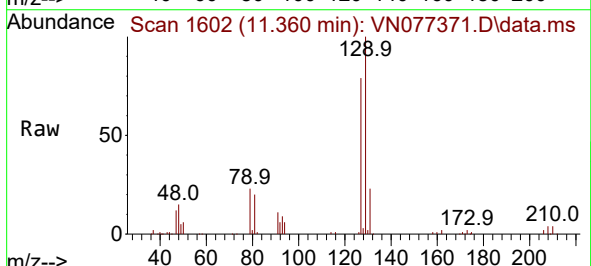
Manual Integrations
APPROVED

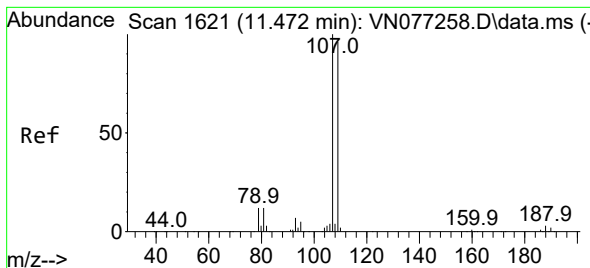
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
Dibromochloromethane
Concen: 25.048 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

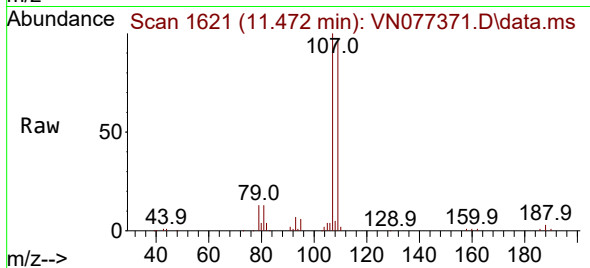
Tgt Ion:129 Resp: 158689
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





#61
1,2-Dibromoethane
Concen: 23.970 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

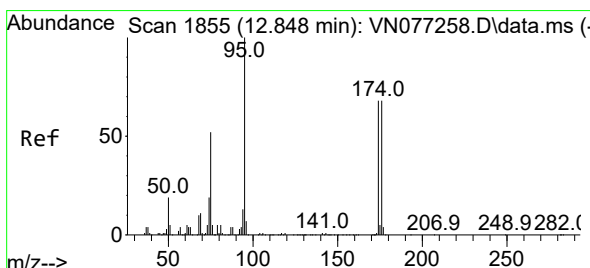
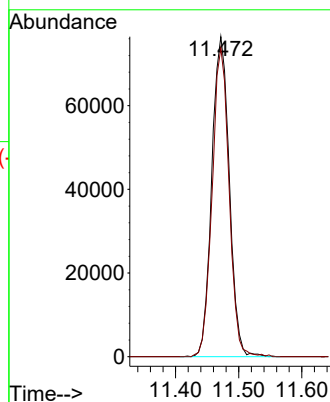
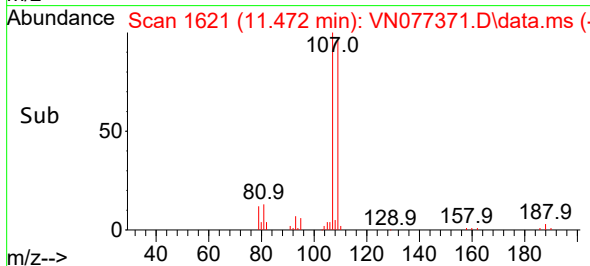
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



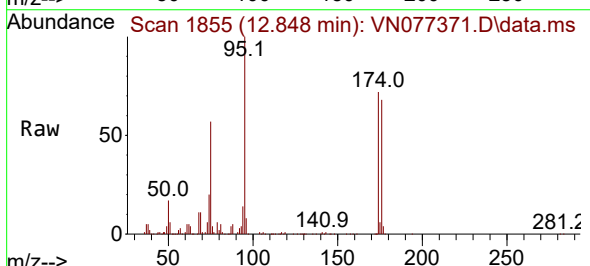
Tgt Ion:107 Resp: 147160
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations
APPROVED

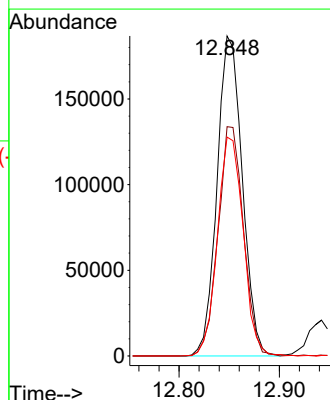
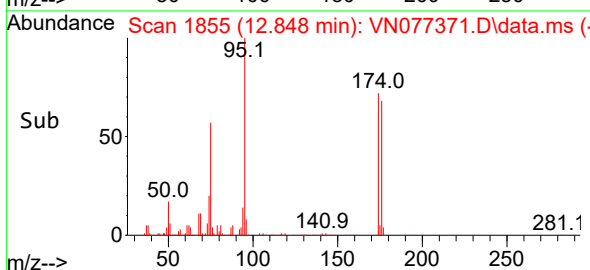
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

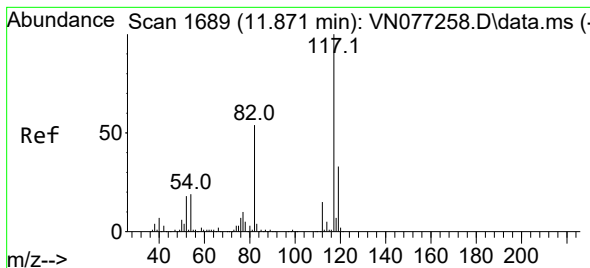


#62
4-Bromofluorobenzene
Concen: 47.018 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



Tgt Ion: 95 Resp: 326696
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.8
176 69.8 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02

Tgt Ion:117 Resp: 73773

Ion Ratio Lower Upper

117 100

82 54.4 42.9 64.3

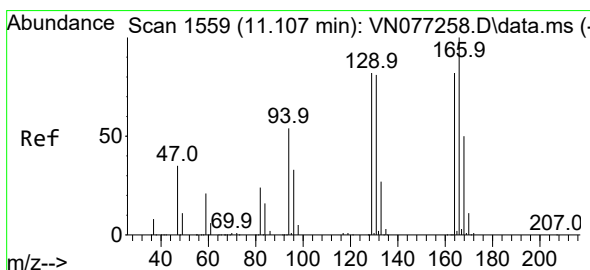
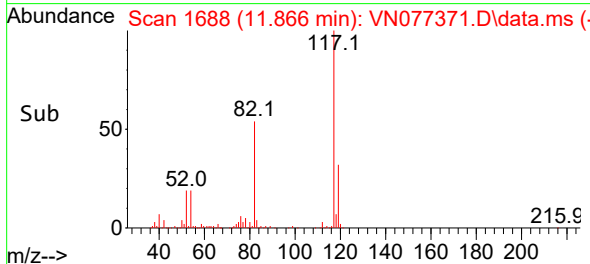
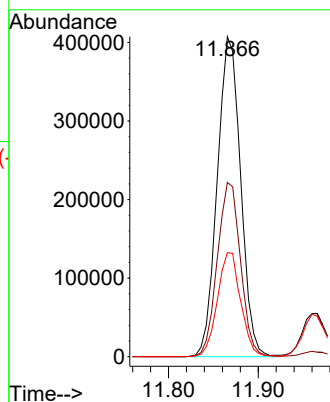
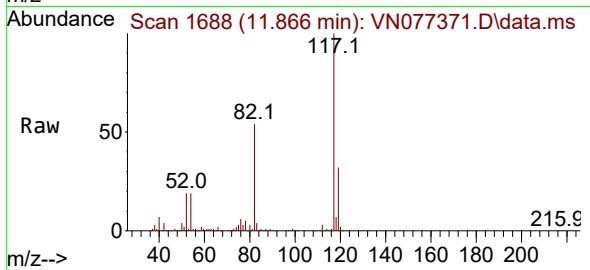
119 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#64

Tetrachloroethene

Concen: 24.398 ug/l

RT: 11.101 min Scan# 1558

Delta R.T. -0.006 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Tgt Ion:164 Resp: 111191

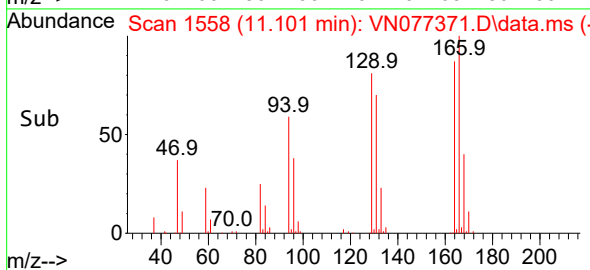
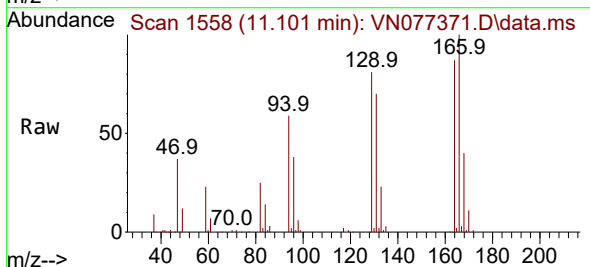
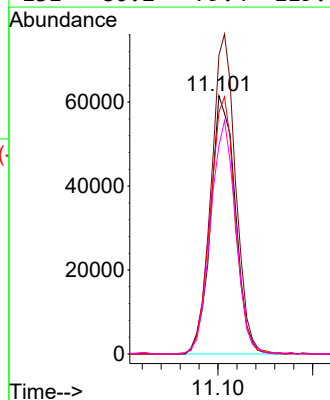
Ion Ratio Lower Upper

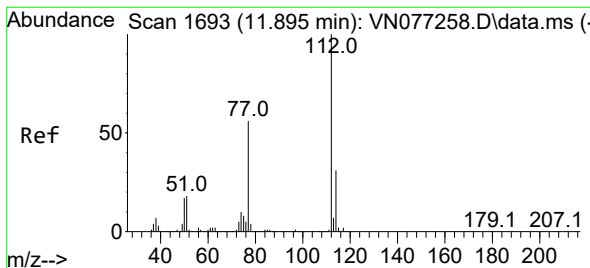
164 100

166 115.5 97.8 146.6

129 93.6 80.1 120.1

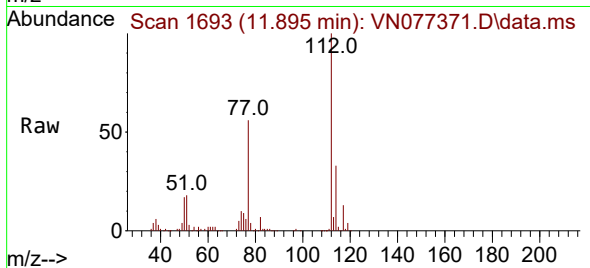
131 80.2 79.4 119.0





#65
Chlorobenzene
Concen: 23.868 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

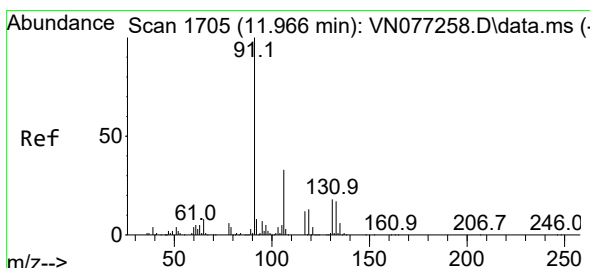
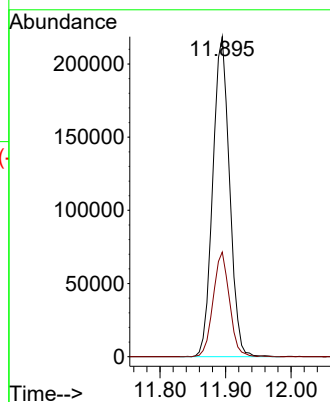
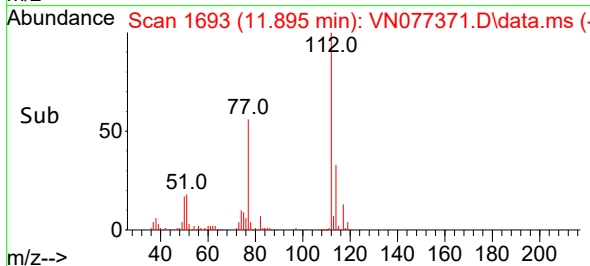
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



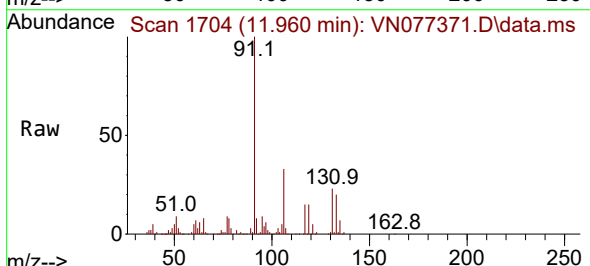
Tgt Ion:112 Resp: 387660
Ion Ratio Lower Upper
112 100
114 32.7 24.6 36.8

Manual Integrations
APPROVED

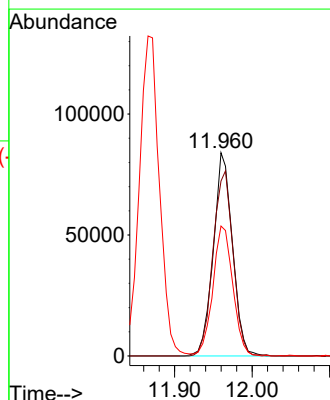
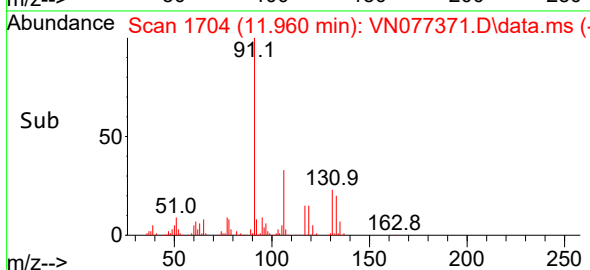
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

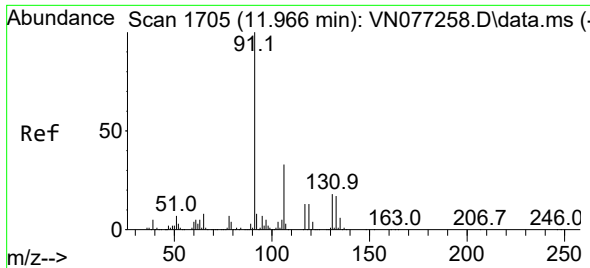


#66
1,1,1,2-Tetrachloroethane
Concen: 23.516 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



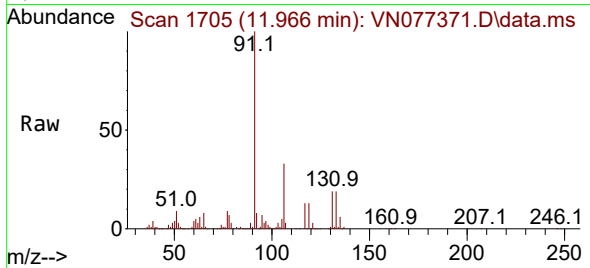
Tgt Ion:131 Resp: 144520
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.6
119 66.2 34.0 102.0





#67
Ethyl Benzene
Concen: 23.108 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

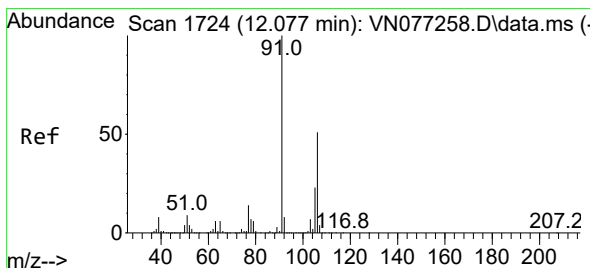
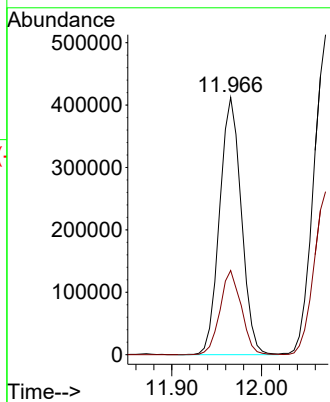
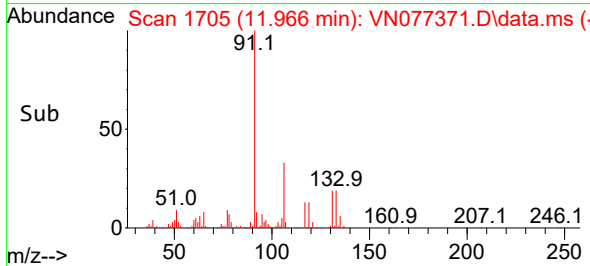
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



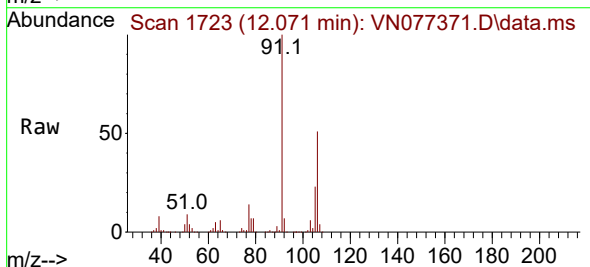
Tgt Ion: 91 Resp: 692590
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2

Manual Integrations
APPROVED

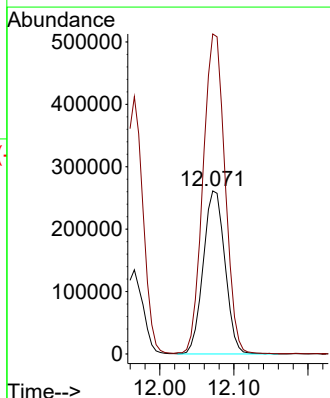
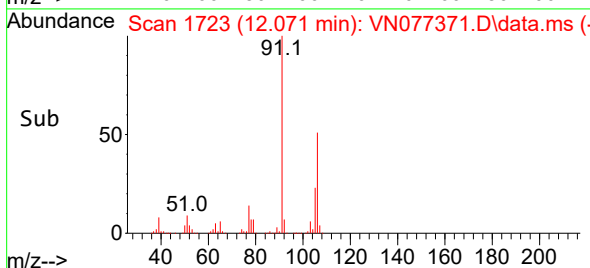
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

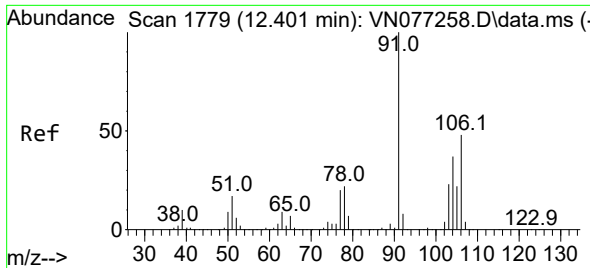


#68
m/p-Xylenes
Concen: 45.218 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



Tgt Ion:106 Resp: 532507
Ion Ratio Lower Upper
106 100
91 198.1 158.7 238.1





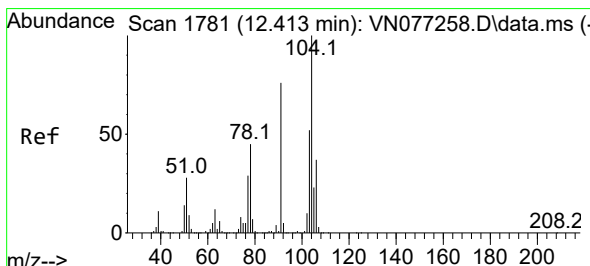
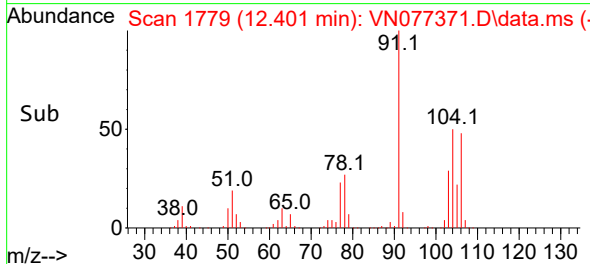
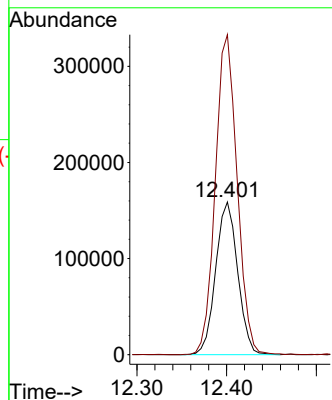
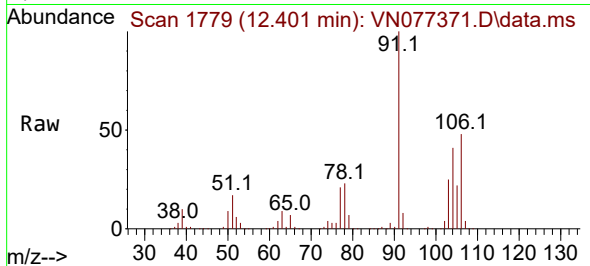
#69
o-Xylene
Concen: 23.290 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion:106 Resp: 27057
Ion Ratio Lower Upper
106 100
91 207.8 104.0 312.0

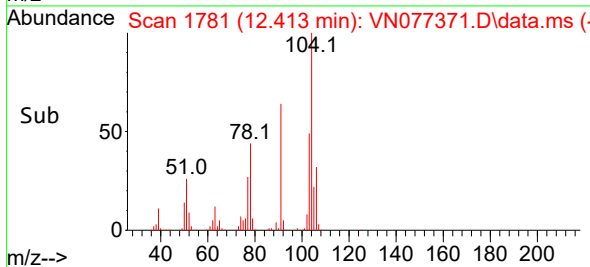
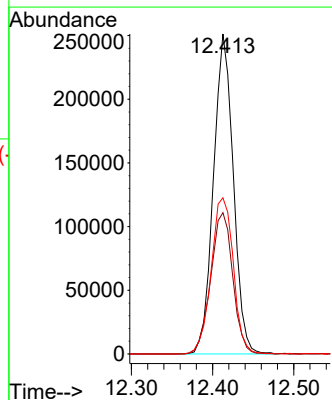
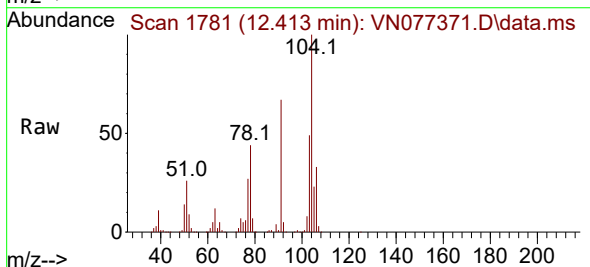
Manual Integrations
APPROVED

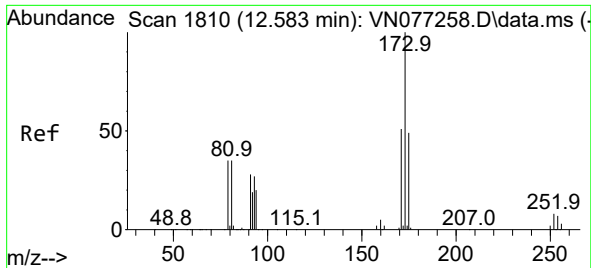
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 22.863 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

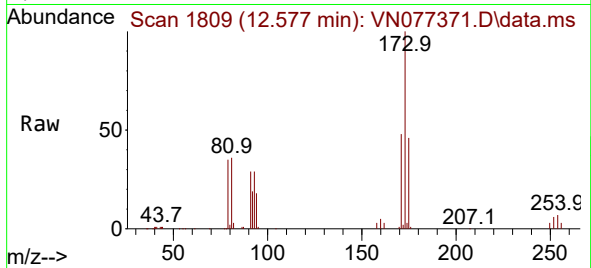
Tgt Ion:104 Resp: 427436
Ion Ratio Lower Upper
104 100
78 49.1 38.0 57.0
103 54.5 43.1 64.7





#71
Bromoform
Concen: 23.442 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

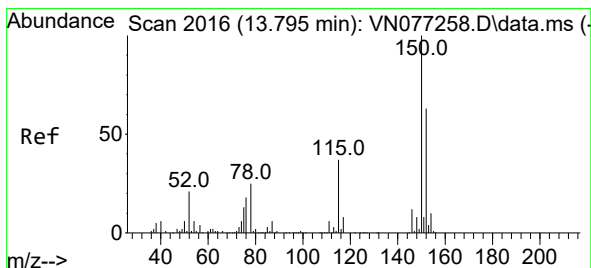
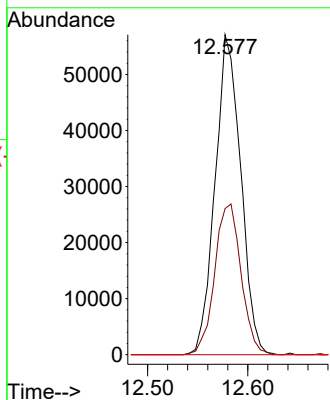
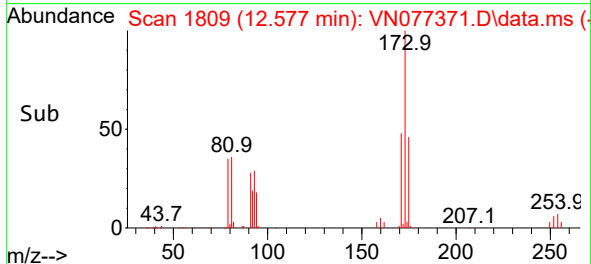
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



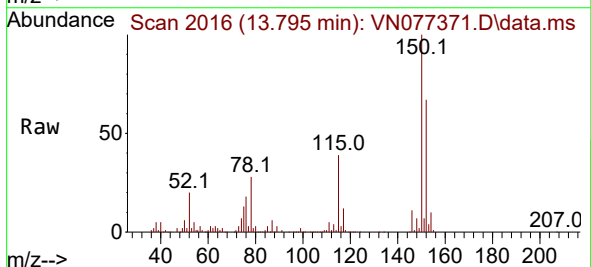
Tgt Ion:173 Resp: 101411
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

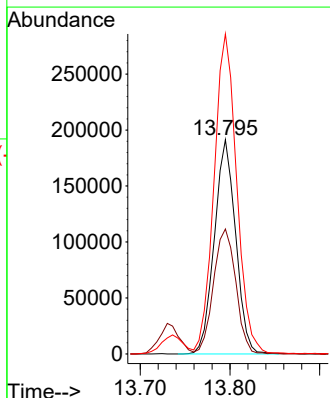
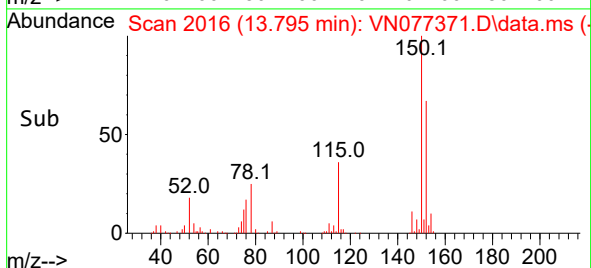
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

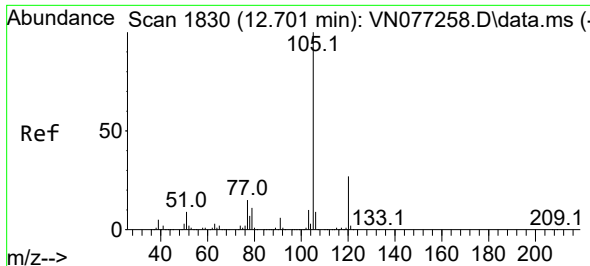


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



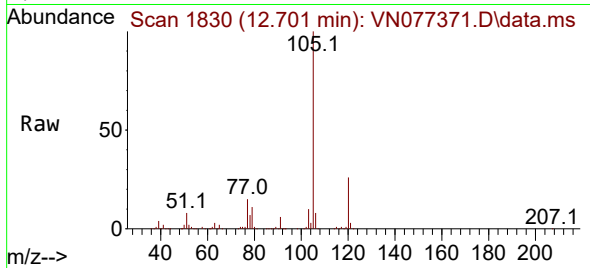
Tgt Ion:152 Resp: 315566
Ion Ratio Lower Upper
152 100
115 61.2 32.1 96.3
150 158.9 0.0 354.8





#73
Isopropylbenzene
Concen: 22.271 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

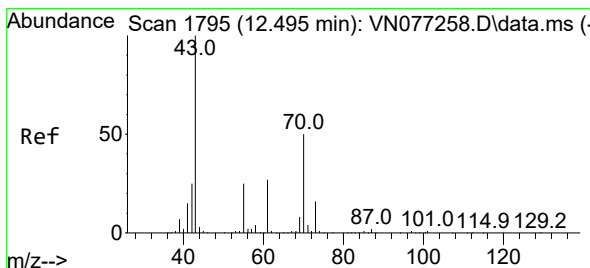
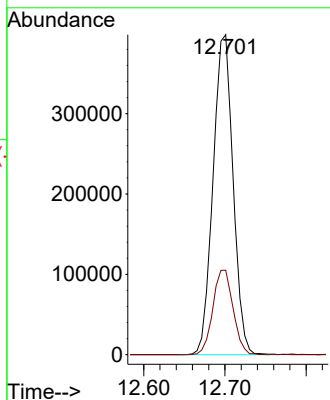
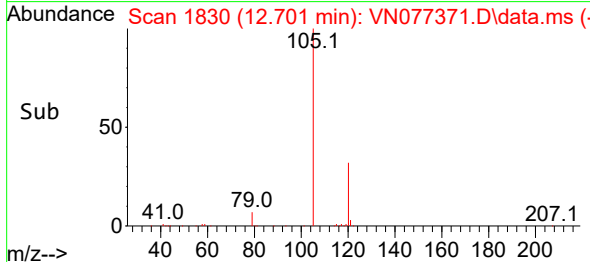
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion:105 Resp: 68263
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

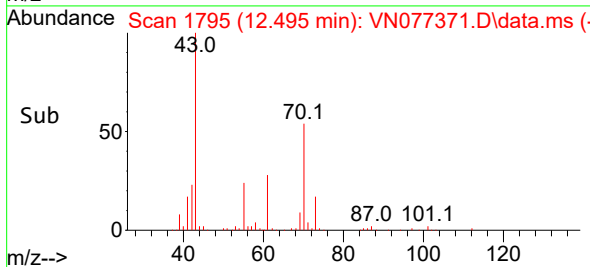
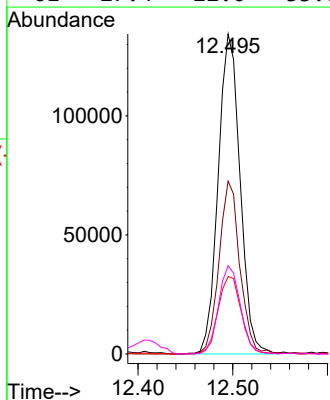
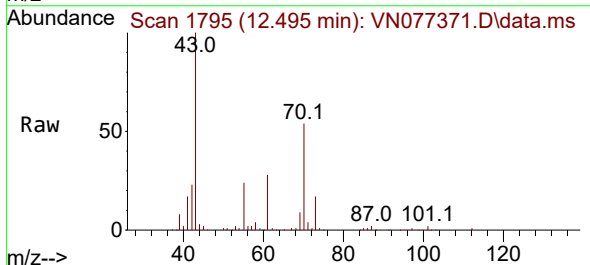
Manual Integrations
APPROVED

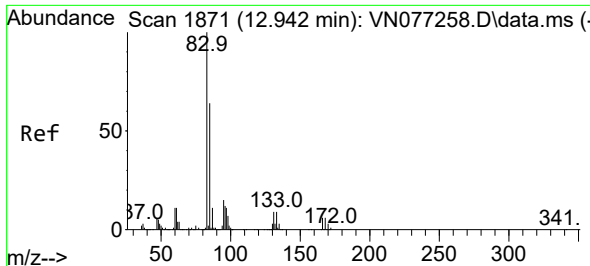
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 18.616 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

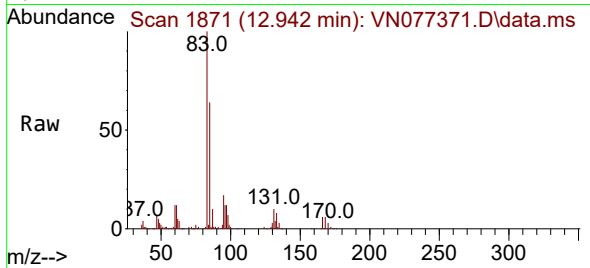
Tgt Ion: 43 Resp: 216240
Ion Ratio Lower Upper
43 100
70 51.7 41.0 61.6
55 25.5 19.3 28.9
61 27.4 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.890 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

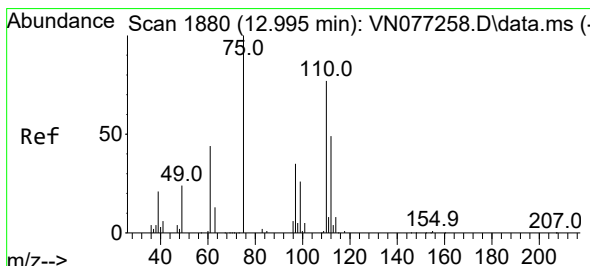
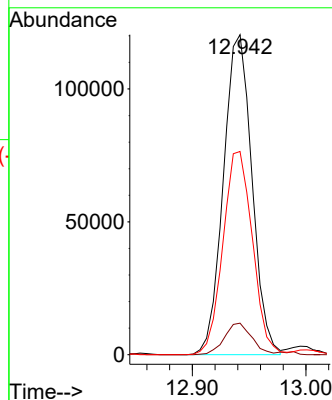
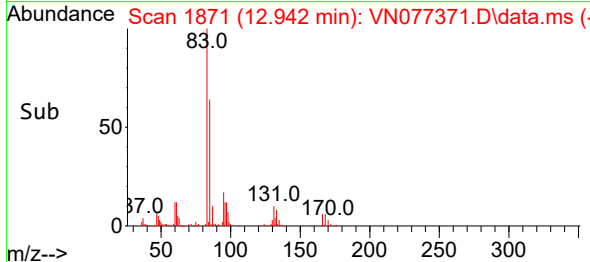
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 83 Resp: 210554
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 65.7 32.1 96.3

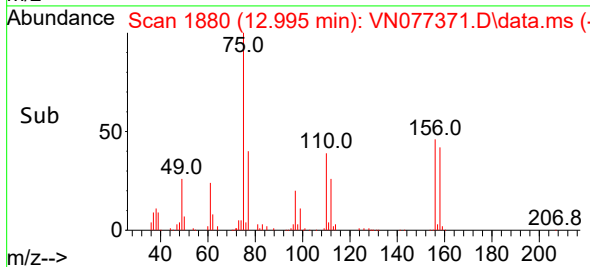
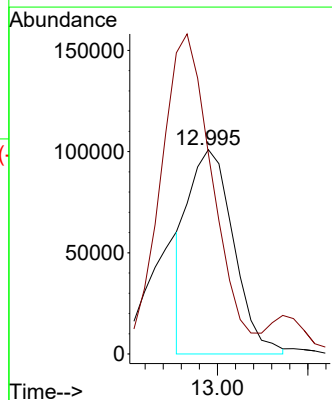
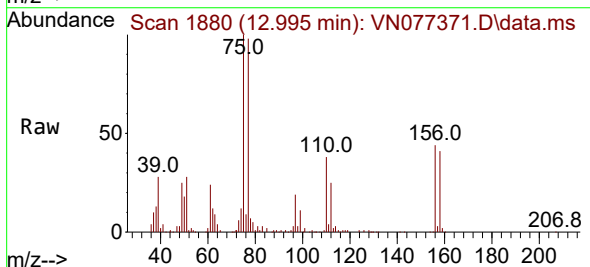
Manual Integrations
APPROVED

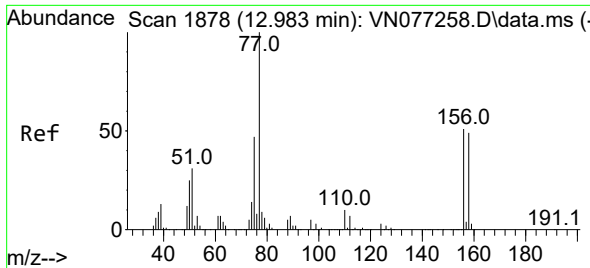
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 23.366 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

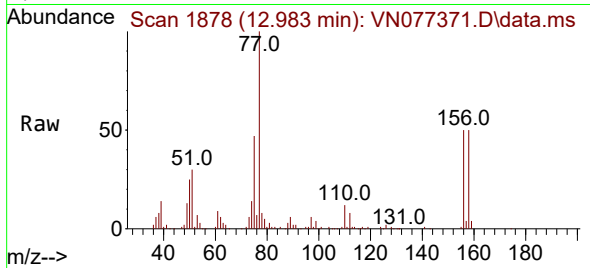
Tgt Ion: 75 Resp: 175584
Ion Ratio Lower Upper
75 100
77 182.0 88.3 264.9





#77
Bromobenzene
Concen: 23.273 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

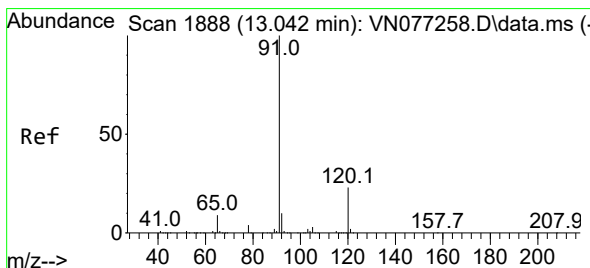
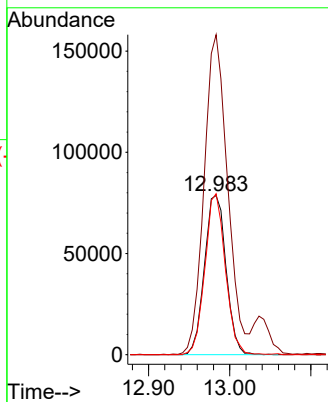
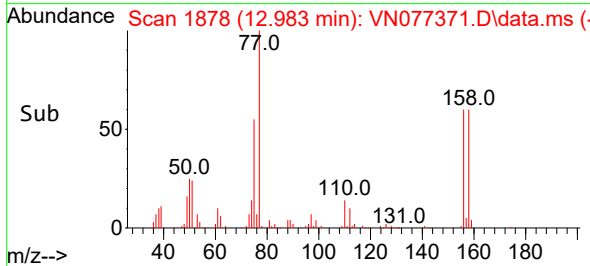
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



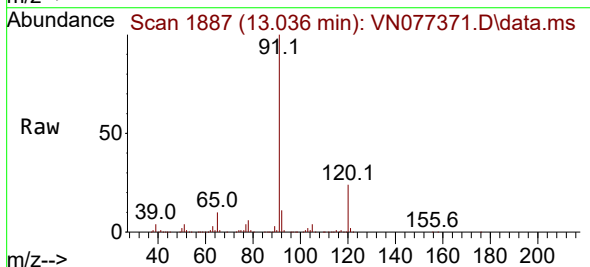
Tgt Ion: 156 Resp: 145040
Ion Ratio Lower Upper
156 100
77 220.3 115.3 345.8
158 96.2 49.3 147.8

Manual Integrations
APPROVED

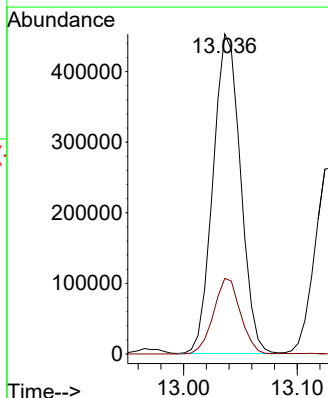
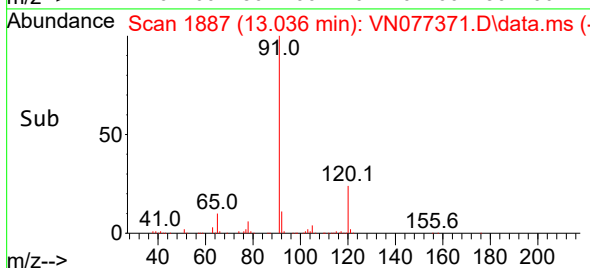
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

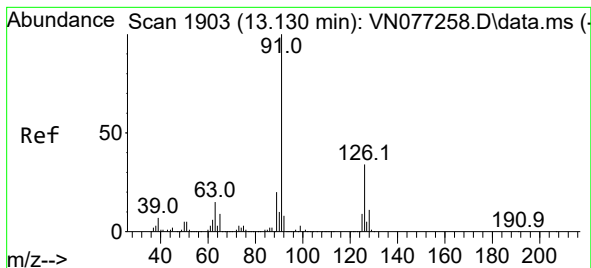


#78
n-propylbenzene
Concen: 22.437 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



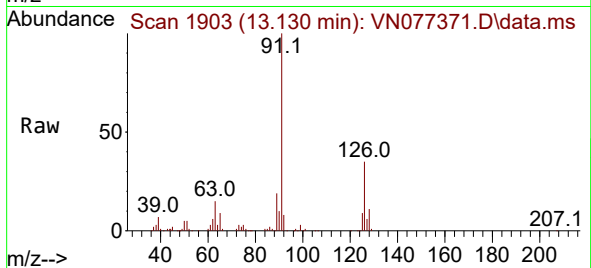
Tgt Ion: 91 Resp: 759867
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79
2-Chlorotoluene
Concen: 22.674 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

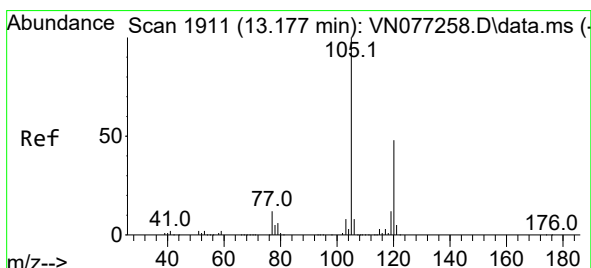
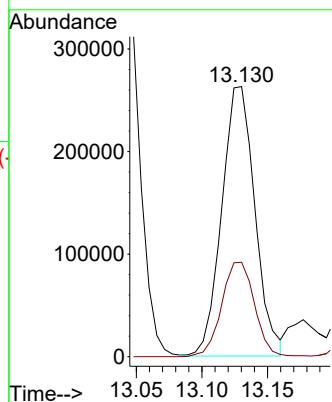
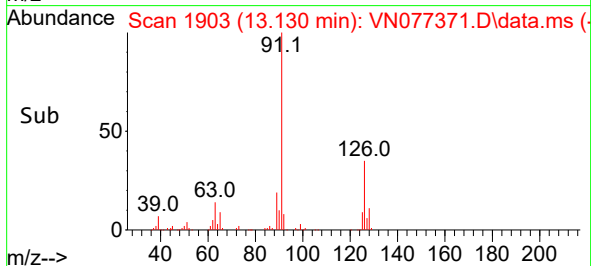
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



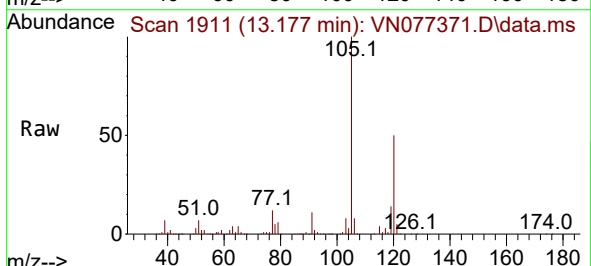
Tgt Ion: 91 Resp: 462370
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4

Manual Integrations
APPROVED

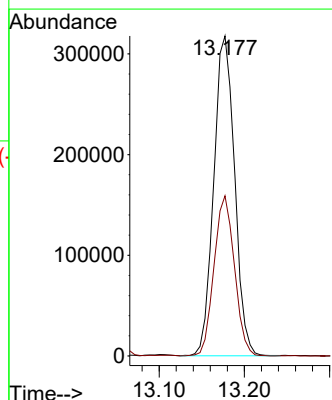
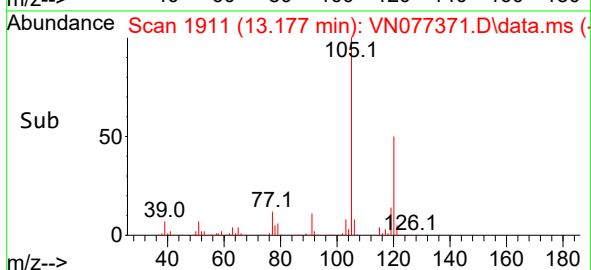
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

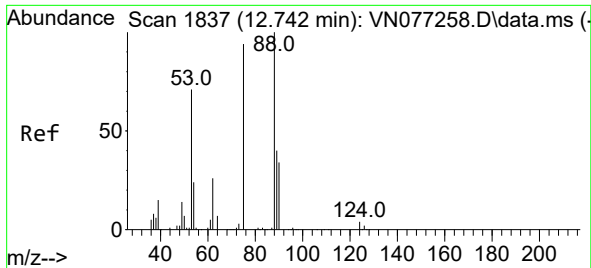


#80
1,3,5-Trimethylbenzene
Concen: 22.100 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



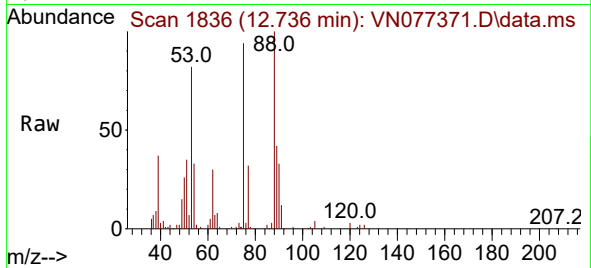
Tgt Ion:105 Resp: 541022
Ion Ratio Lower Upper
105 100
120 49.1 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.314 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

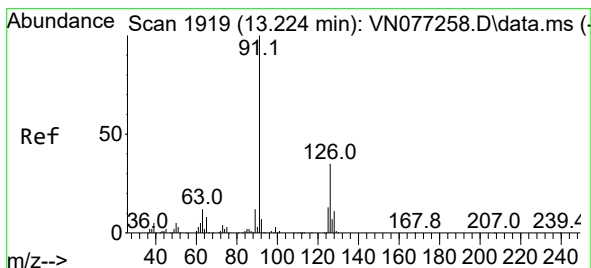
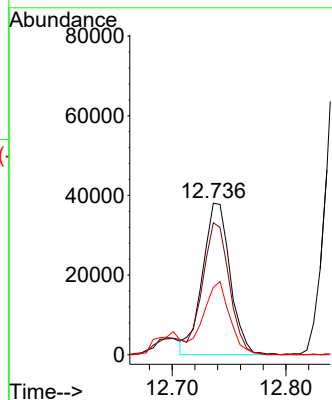
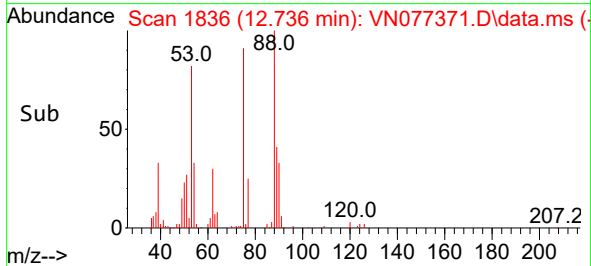
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



Tgt Ion: 75 Resp: 64490
Ion Ratio Lower Upper
75 100
53 83.4 72.8 109.2
89 45.4 37.4 56.2

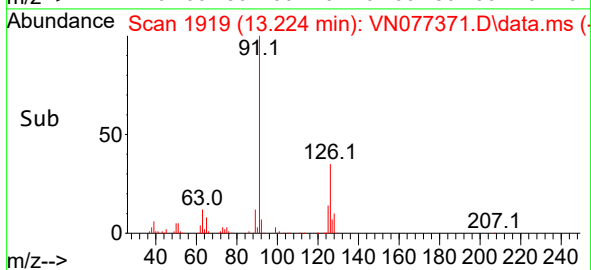
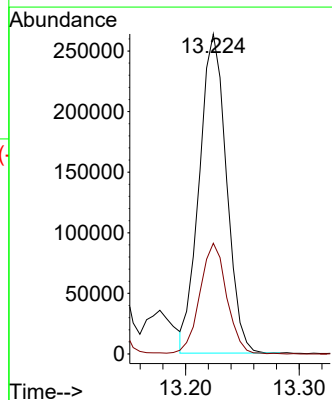
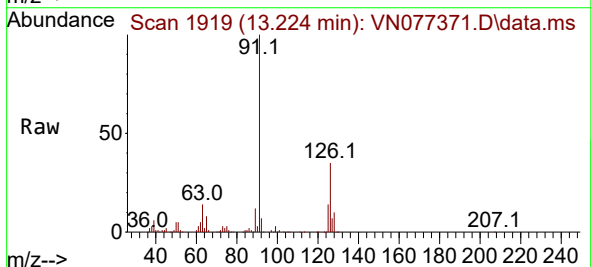
Manual Integrations
APPROVED

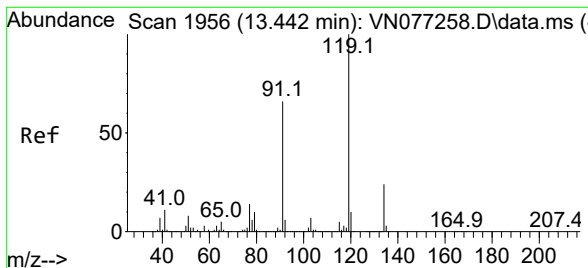
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 22.760 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

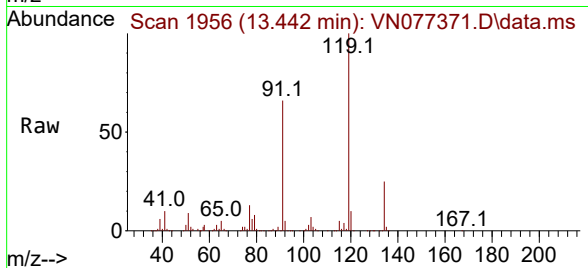
Tgt Ion: 91 Resp: 437593
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 22.811 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

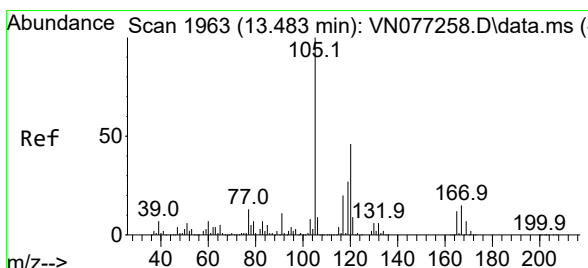
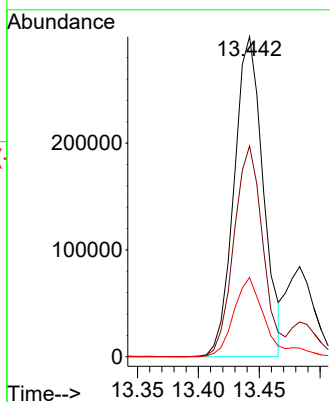
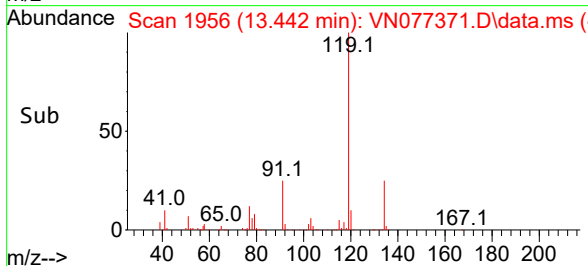
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02



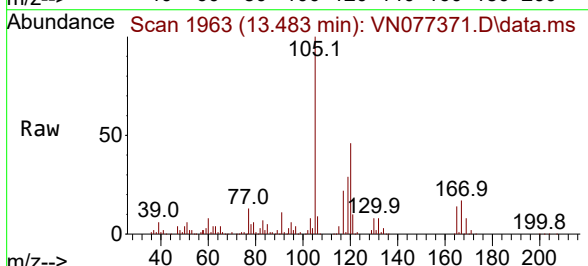
Tgt Ion:119 Resp: 497058
Ion Ratio Lower Upper
119 100
91 66.2 33.5 100.4
134 27.0 13.3 39.9

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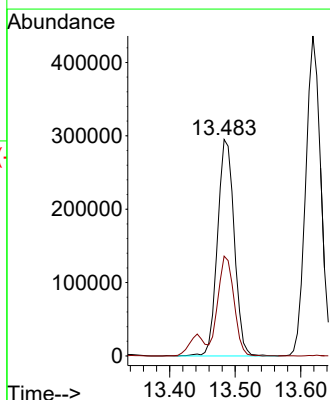
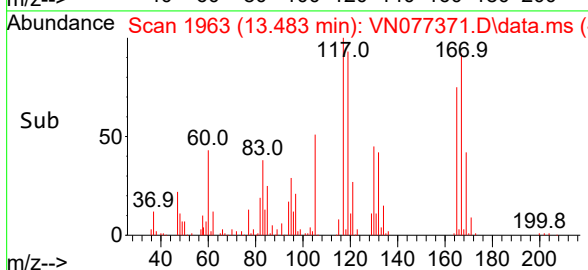
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

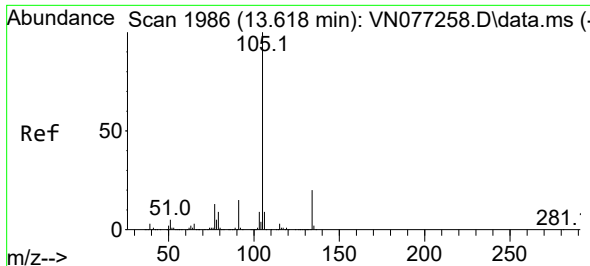


#84
1,2,4-Trimethylbenzene
Concen: 21.538 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32



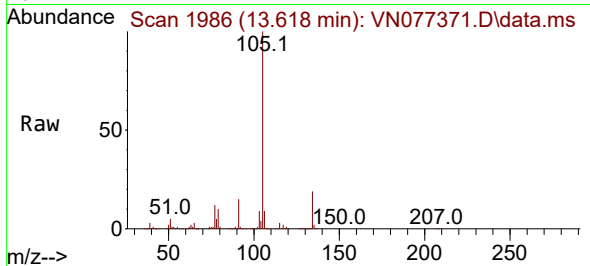
Tgt Ion:105 Resp: 520906
Ion Ratio Lower Upper
105 100
120 44.0 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 22.938 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

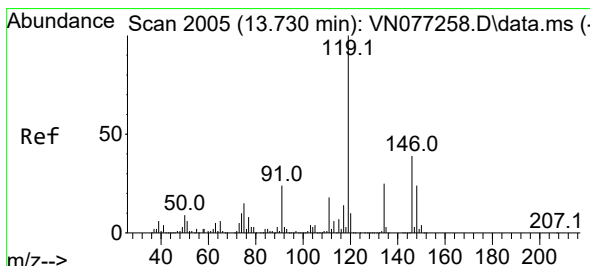
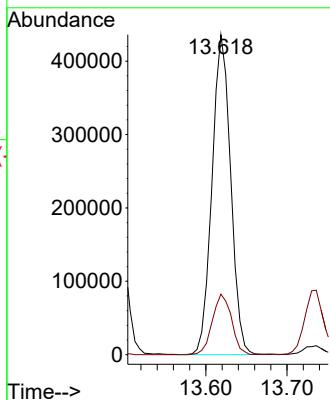
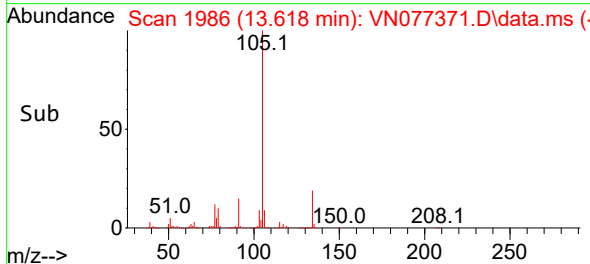
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD02



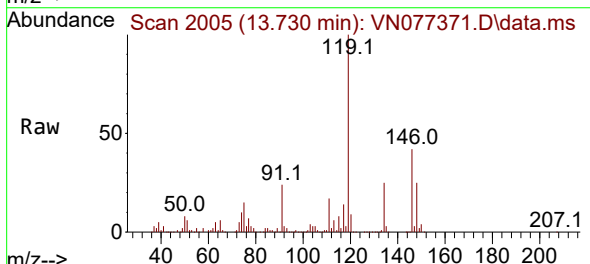
Tgt Ion:105 Resp: 696594
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

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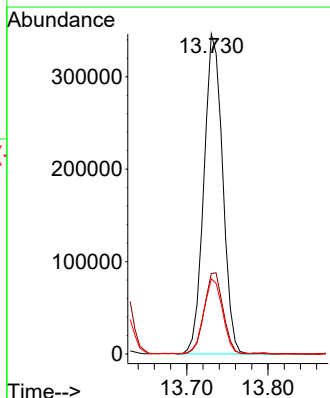
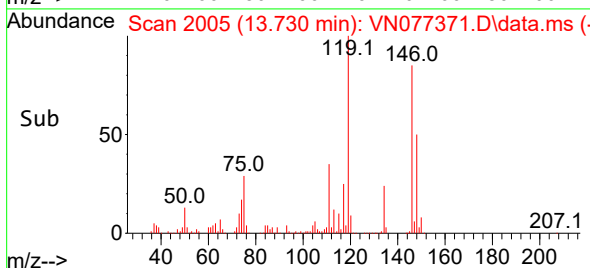
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

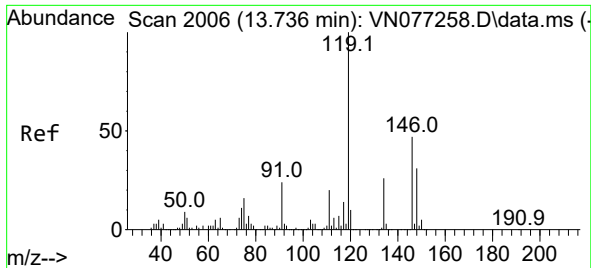


#86
 p-Isopropyltoluene
 Concen: 23.259 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32



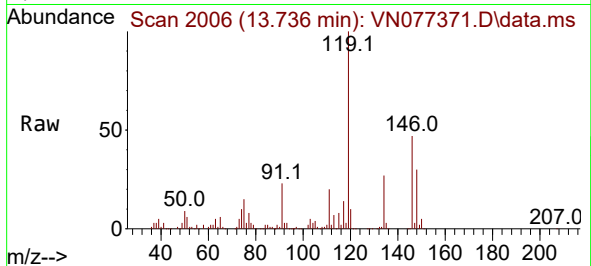
Tgt Ion:119 Resp: 555125
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 23.5 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 23.271 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32

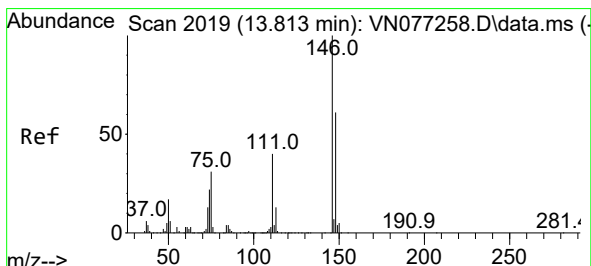
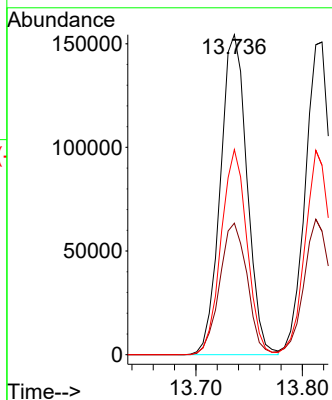
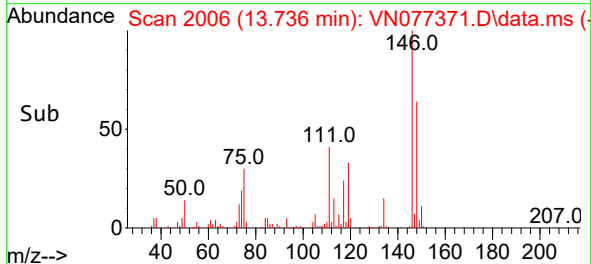
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD02



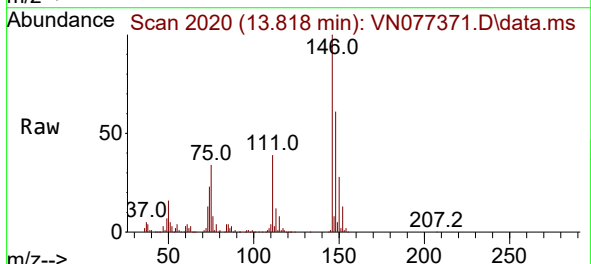
Tgt Ion:146 Resp: 26831
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.4
 148 62.2 31.7 95.1

Manual Integrations
 APPROVED

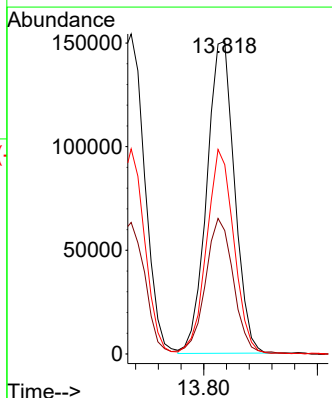
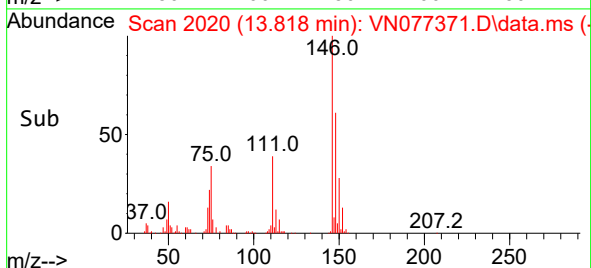
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

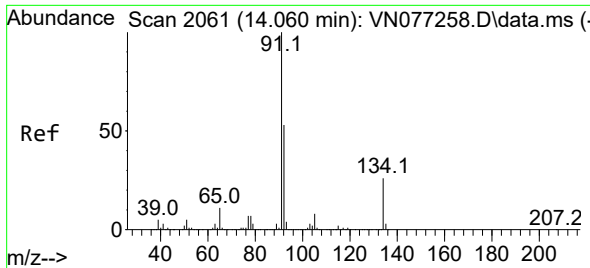


#88
 1,4-Dichlorobenzene
 Concen: 22.425 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.005 min
 Lab File: VN077371.D
 Acq: 19 Apr 2023 13:32



Tgt Ion:146 Resp: 254984
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.4 61.2
 148 64.8 31.6 95.0





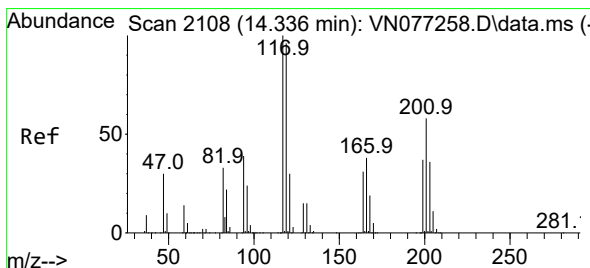
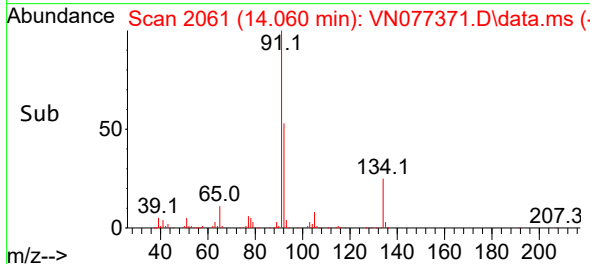
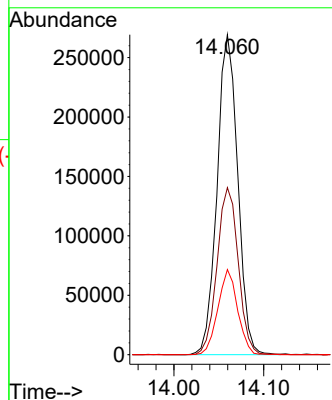
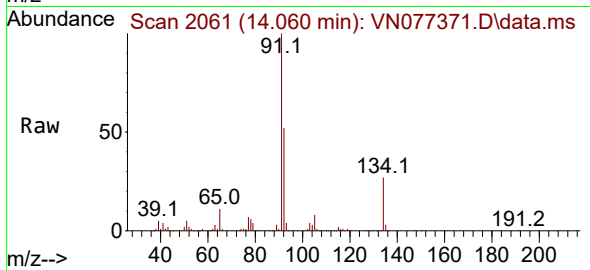
#89
n-Butylbenzene
Concen: 21.720 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion: 91 Resp: 430339
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.0
134 25.5 12.8 38.3

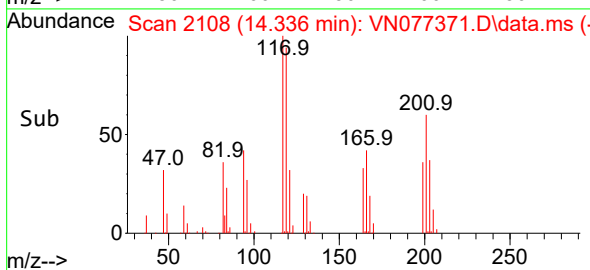
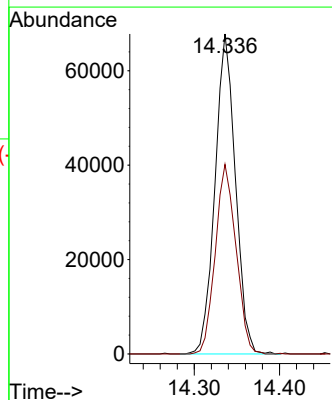
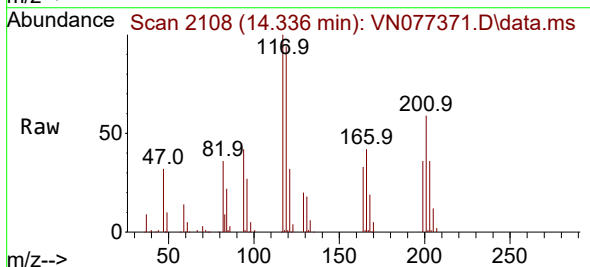
Manual Integrations
APPROVED

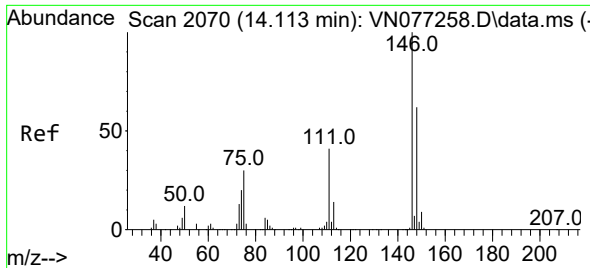
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 21.634 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion:117 Resp: 112895
Ion Ratio Lower Upper
117 100
201 60.0 29.8 89.5





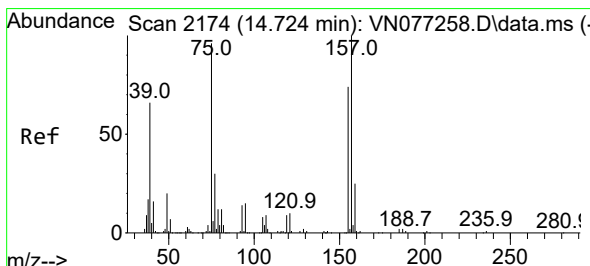
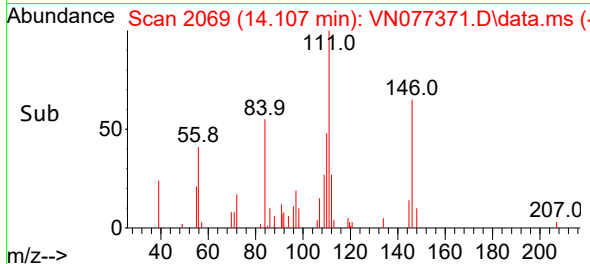
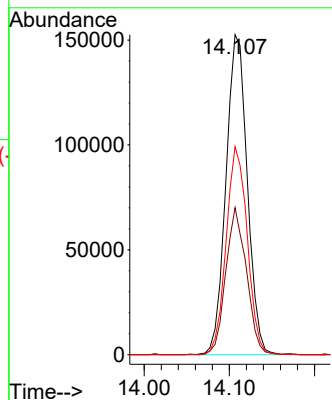
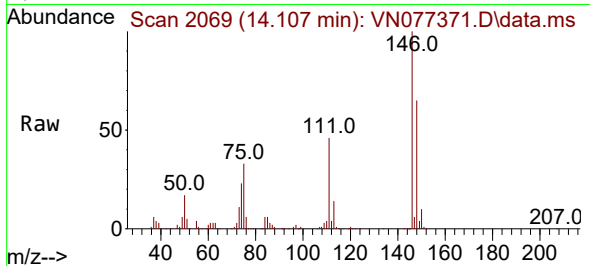
#91
1,2-Dichlorobenzene
Concen: 23.048 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBSD02

Tgt Ion:146 Resp: 26585
Ion Ratio Lower Upper
146 100
111 44.7 21.9 65.5
148 64.3 31.9 95.5

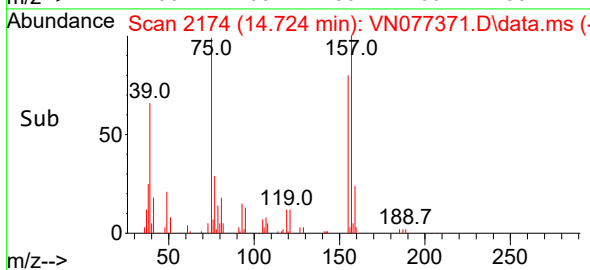
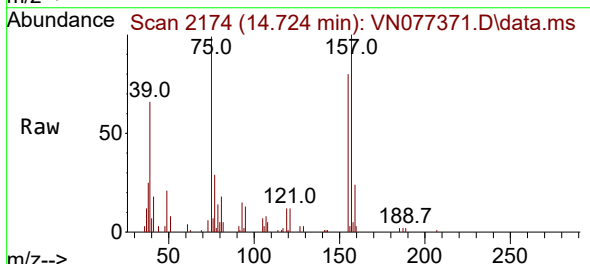
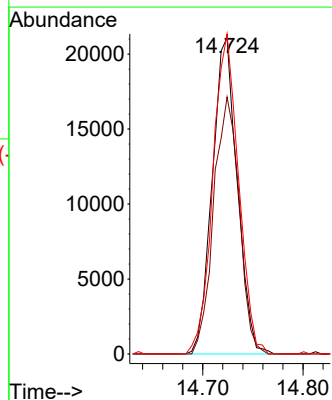
Manual Integrations
APPROVED

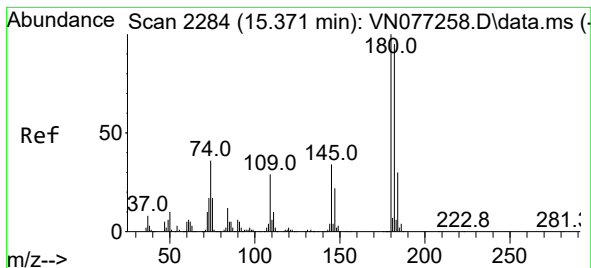
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.003 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077371.D
Acq: 19 Apr 2023 13:32

Tgt Ion: 75 Resp: 36464
Ion Ratio Lower Upper
75 100
155 82.9 41.0 123.2
157 103.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 17.522 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02

Tgt Ion:180 Resp: 72960

Ion Ratio Lower Upper

180 100

182 91.0 46.7 140.0

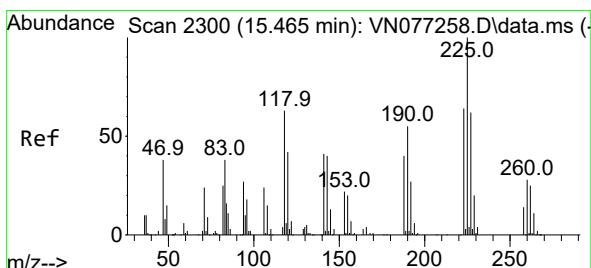
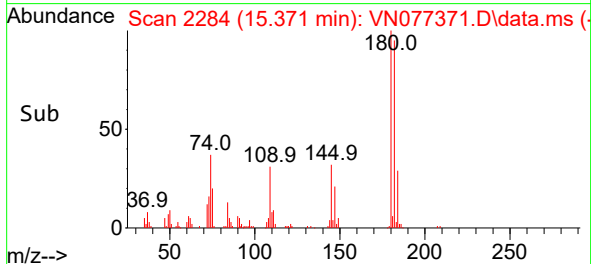
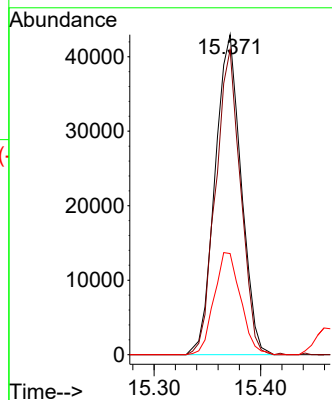
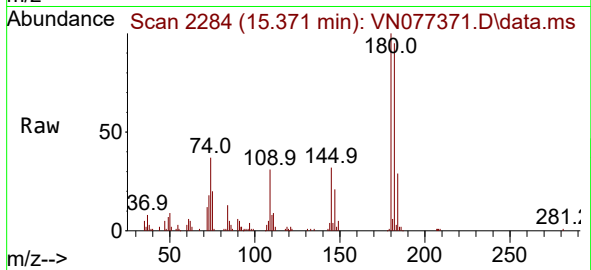
145 32.4 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 23.452 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

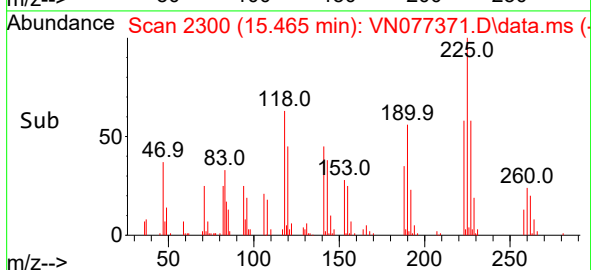
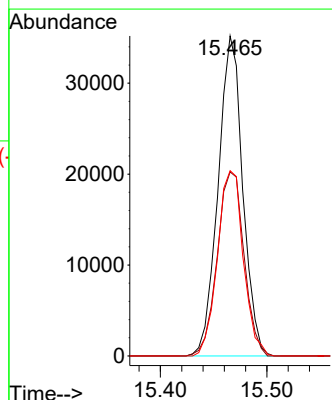
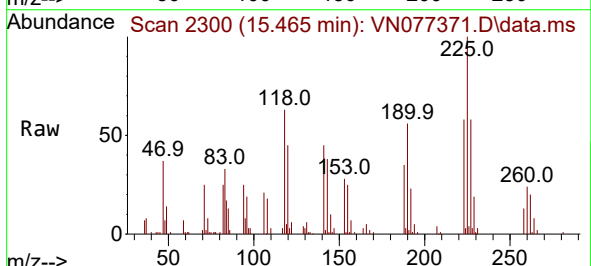
Tgt Ion:225 Resp: 56526

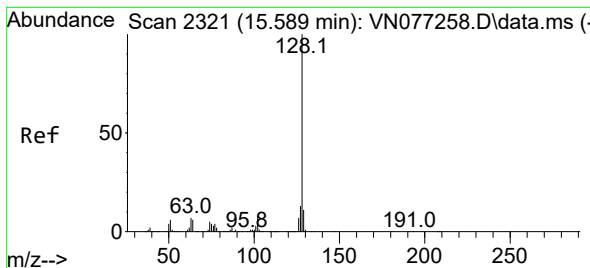
Ion Ratio Lower Upper

225 100

223 62.3 31.7 95.1

227 60.7 31.2 93.6





#95

Naphthalene

Concen: 16.855 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077371.D

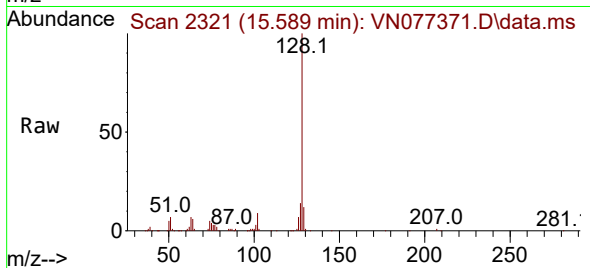
Acq: 19 Apr 2023 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBSD02



Tgt Ion:128 Resp: 263640

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

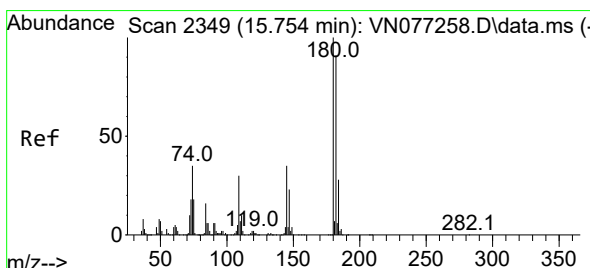
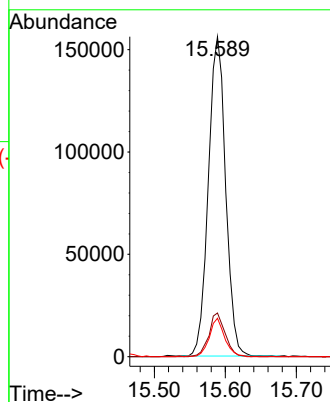
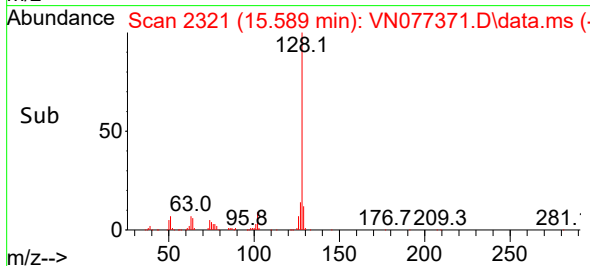
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.168 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077371.D

Acq: 19 Apr 2023 13:32

Tgt Ion:180 Resp: 68375

Ion Ratio Lower Upper

180 100

182 91.8 46.9 140.8

145 35.3 17.6 52.8

