

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075767.D
 Acq On : 14 Dec 2022 12:32
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 12:49:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	292993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	473944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243292	78.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 156.520%#			
35) Dibromofluoromethane	8.171	113	218637	75.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 151.220%#			
50) Toluene-d8	10.571	98	844759	77.792	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 155.580%#			
62) 4-Bromofluorobenzene	12.853	95	285824	76.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 153.960%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	151730	70.411	ug/l	95
3) Chloromethane	2.371	50	176297	68.666	ug/l	95
4) Vinyl Chloride	2.524	62	222475	70.543	ug/l	100
5) Bromomethane	2.936	94	194118	72.269	ug/l	94
6) Chloroethane	3.112	64	166683	70.836	ug/l	99
7) Trichlorofluoromethane	3.501	101	342728	74.901	ug/l	99
8) Diethyl Ether	3.971	74	131645	78.696	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	198731	74.005	ug/l	98
10) Methyl Iodide	4.600	142	328560	74.872	ug/l	100
11) Tert butyl alcohol	5.536	59	181233	394.069	ug/l	100
12) 1,1-Dichloroethene	4.348	96	196214	78.173	ug/l	94
13) Acrolein	4.189	56	213017	402.167	ug/l	98
14) Allyl chloride	5.036	41	231760	74.146	ug/l	98
15) Acrylonitrile	5.730	53	473885	398.916	ug/l	100
16) Acetone	4.436	43	381605	362.470	ug/l	93
17) Carbon Disulfide	4.718	76	478871	72.101	ug/l	99
18) Methyl Acetate	5.036	43	242806	71.773	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	684090	81.021	ug/l	96
20) Methylene Chloride	5.283	84	218222	69.531	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	215806	76.937	ug/l	93
22) Diisopropyl ether	6.683	45	591443	83.163	ug/l	99
23) Vinyl Acetate	6.612	43	2105898	388.325	ug/l	98
24) 1,1-Dichloroethane	6.577	63	369606	78.952	ug/l	99
25) 2-Butanone	7.489	43	601399	390.766	ug/l	97
26) 2,2-Dichloropropane	7.494	77	326817	81.855	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	264605	77.704	ug/l	99
28) Bromochloromethane	7.818	49	161166	86.104	ug/l	97
29) Tetrahydrofuran	7.841	42	389388	410.483	ug/l	100
30) Chloroform	7.971	83	417581	80.532	ug/l	97
31) Cyclohexane	8.265	56	318130	69.118	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	384027	80.275	ug/l	97
36) 1,1-Dichloropropene	8.377	75	304476	79.299	ug/l	99
37) Ethyl Acetate	7.565	43	242380	78.624	ug/l	98
38) Carbon Tetrachloride	8.365	117	346627	78.233	ug/l	96
39) Methylcyclohexane	9.606	83	387628	79.615	ug/l	98
40) Benzene	8.612	78	911786	77.378	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	133590	84.512	ug/l	96
42) 1,2-Dichloroethane	8.671	62	306481	77.751	ug/l	99
43) Isopropyl Acetate	8.694	43	427434	83.053	ug/l	100
44) Trichloroethene	9.353	130	255006	76.711	ug/l	98
45) 1,2-Dichloropropane	9.624	63	221608	79.074	ug/l	100
46) Dibromomethane	9.712	93	166446	79.106	ug/l	98
47) Bromodichloromethane	9.888	83	335875	81.416	ug/l	95
48) Methyl methacrylate	9.682	41	196833	83.041	ug/l	98
49) 1,4-Dioxane	9.700	88	94972	1648.286	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1297545	408.875	ug/l	100
52) Toluene	10.629	92	618247	79.379	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	357563	87.758	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	380128	83.857	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	240297	78.469	ug/l	97
56) Ethyl methacrylate	10.877	69	356915	86.015	ug/l	99
57) 1,3-Dichloropropane	11.165	76	393981	79.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	585430	477.841	ug/l	98
59) 2-Hexanone	11.194	43	948216	411.272	ug/l	100
60) Dibromochloromethane	11.359	129	277322	82.297	ug/l	99
61) 1,2-Dibromoethane	11.471	107	252678	78.756	ug/l	99
64) Tetrachloroethene	11.106	164	223842	70.633	ug/l	98
65) Chlorobenzene	11.894	112	668494	74.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	255346	78.402	ug/l	99
67) Ethyl Benzene	11.965	91	1206221	79.652	ug/l	96
68) m/p-Xylenes	12.076	106	951653	155.525	ug/l	99
69) o-Xylene	12.400	106	470786	79.286	ug/l	98
70) Styrene	12.412	104	779819	81.885	ug/l	99
71) Bromoform	12.582	173	202250	81.926	ug/l #	99
73) Isopropylbenzene	12.700	105	1224516	78.199	ug/l	100
74) N-amyl acetate	12.494	43	391975	86.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	350105	74.429	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	330405m	75.440	ug/l	
77) Bromobenzene	12.982	156	292992	74.402	ug/l	96
78) n-propylbenzene	13.035	91	1405706	80.899	ug/l	99
79) 2-Chlorotoluene	13.129	91	819561	76.398	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1042441	79.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	107807	92.132	ug/l	98
82) 4-Chlorotoluene	13.129	91	819561	76.398	ug/l	99
83) tert-Butylbenzene	13.441	119	926589	78.047	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1051567	79.918	ug/l	100
85) sec-Butylbenzene	13.618	105	1333949	81.730	ug/l	99
86) p-Isopropyltoluene	13.729	119	1138356	83.357	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	570647	77.486	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	561966	75.019	ug/l	99
89) n-Butylbenzene	14.059	91	962297	87.916	ug/l	99
90) Hexachloroethane	14.335	117	200559	85.739	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	560324	76.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65940	85.309	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	308943	87.810	ug/l	99
94) Hexachlorobutadiene	15.506	225	158601	79.451	ug/l	99
95) Naphthalene	15.641	128	923967	88.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	297931	86.179	ug/l	100

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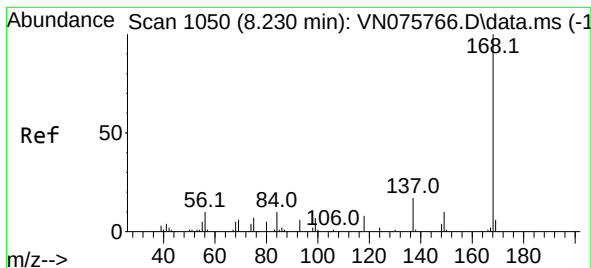
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

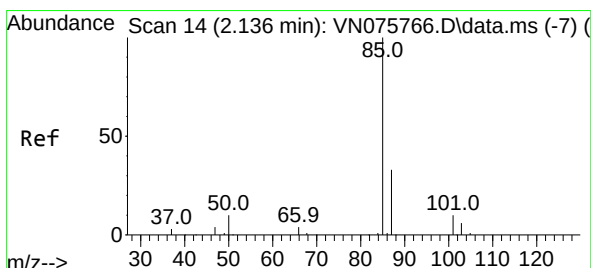
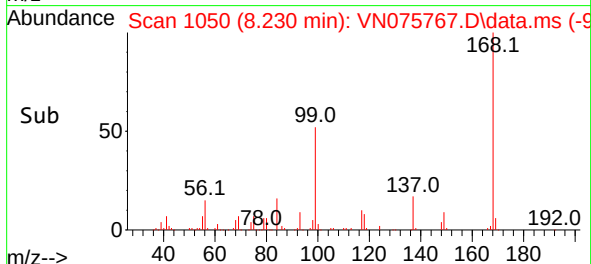
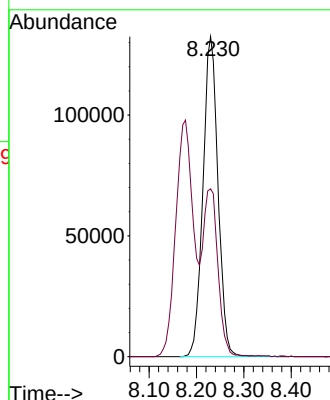
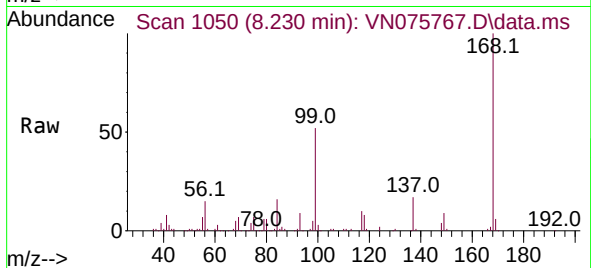
VSTDICC075

Tgt Ion:168 Resp: 292993
Ion Ratio Lower Upper
168 100
99 52.2 41.2 61.8

Manual Integrations

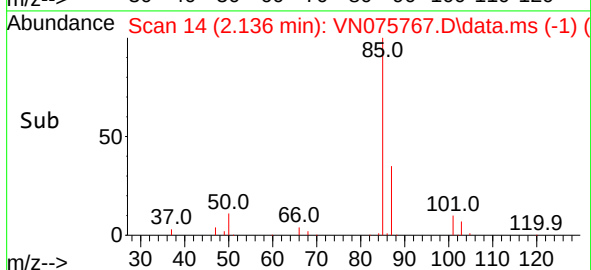
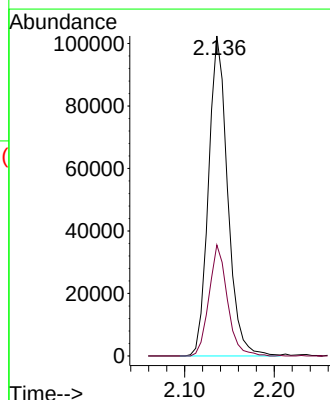
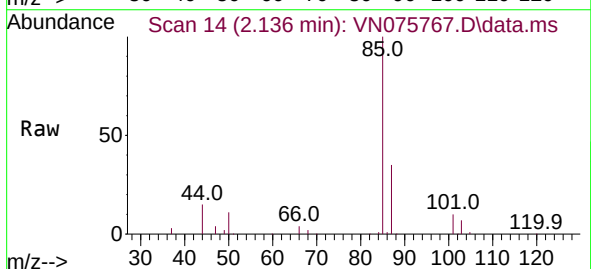
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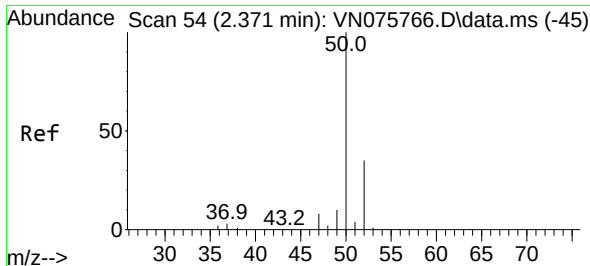
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 70.411 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 85 Resp: 151730
Ion Ratio Lower Upper
85 100
87 34.7 16.1 48.2





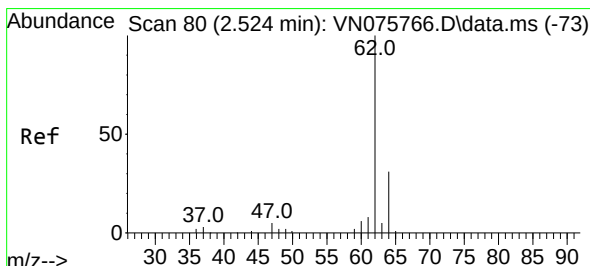
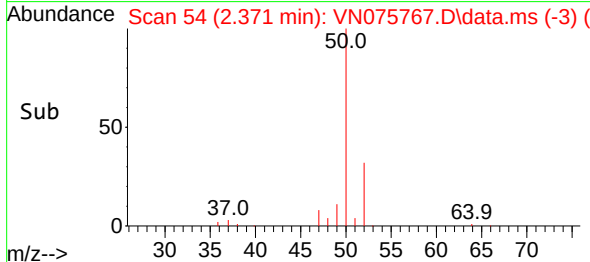
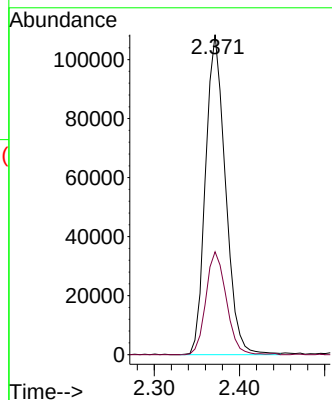
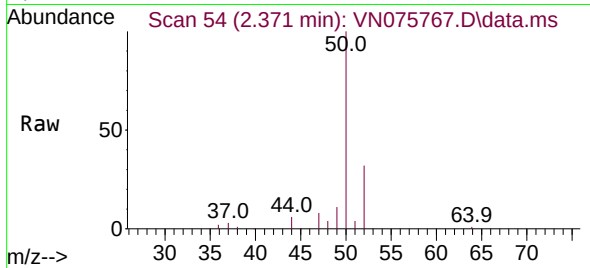
#3
Chloromethane
Concen: 68.666 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 50 Resp: 176297
Ion Ratio Lower Upper
50 100
52 32.2 27.9 41.9

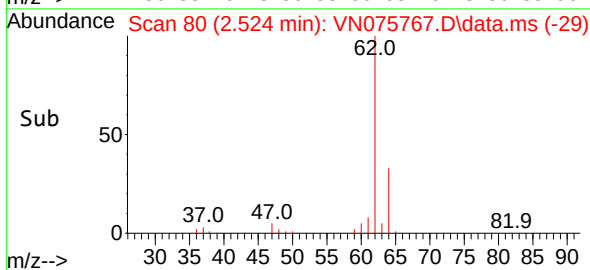
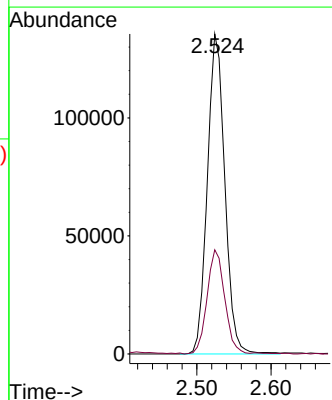
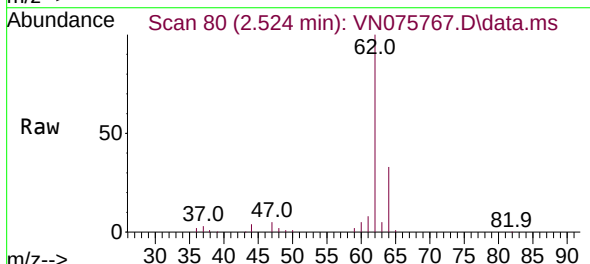
Manual Integrations
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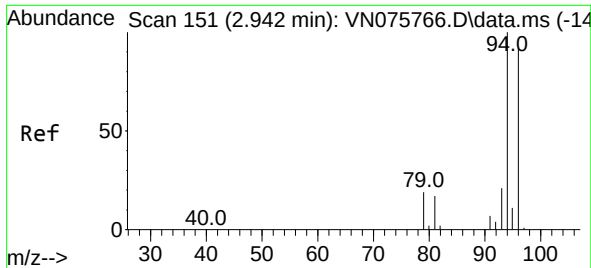
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 70.543 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 62 Resp: 222475
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





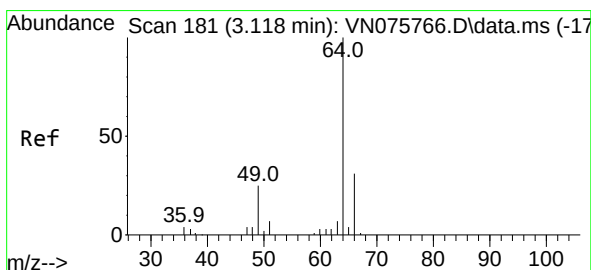
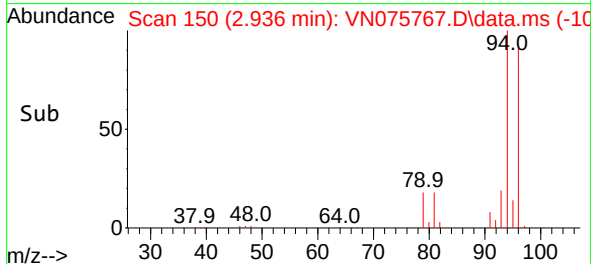
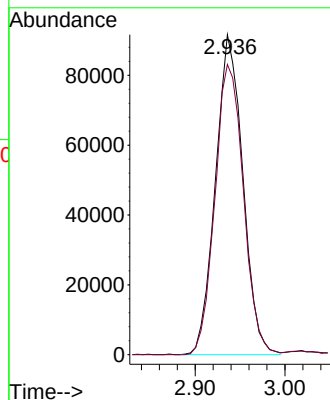
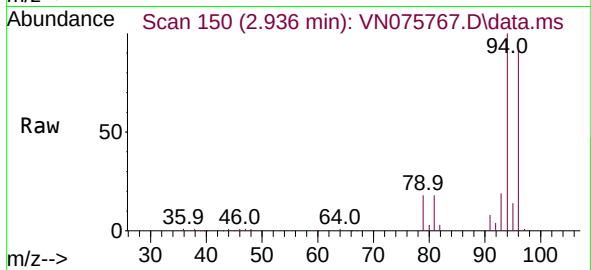
#5
Bromomethane
Concen: 72.269 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 94 Resp: 194118
Ion Ratio Lower Upper
94 100
96 90.7 77.6 116.4

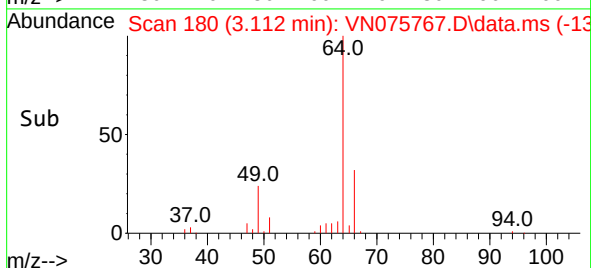
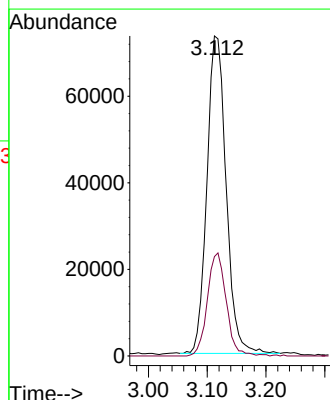
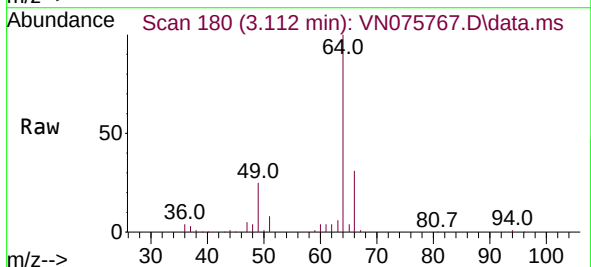
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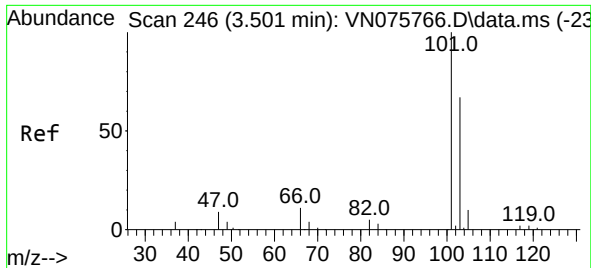
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 70.836 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 64 Resp: 166683
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5





#7
Trichlorofluoromethane
Concen: 74.901 ug/l
RT: 3.501 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

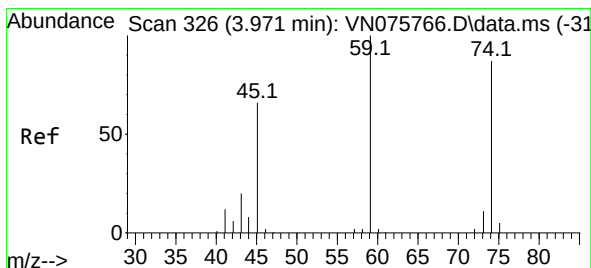
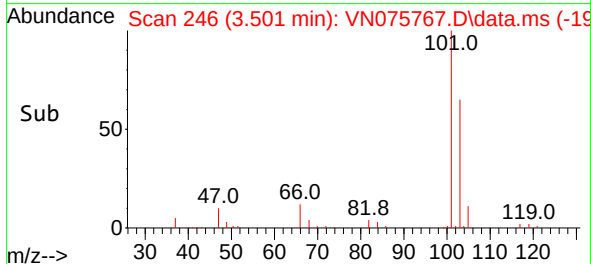
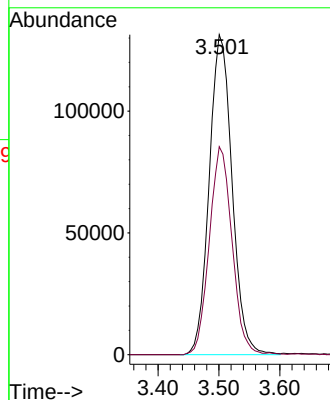
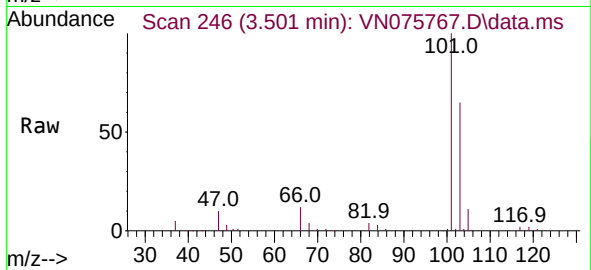
VSTDICC075

Tgt Ion:101 Resp: 342728
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

Manual Integrations

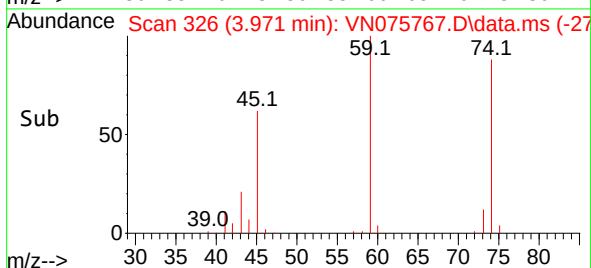
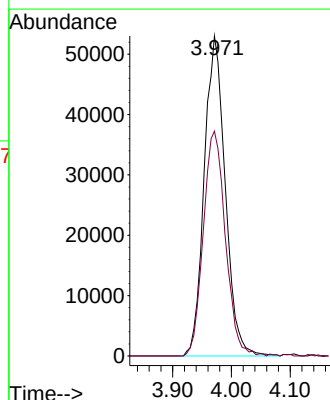
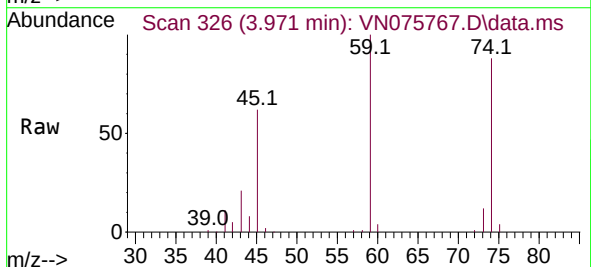
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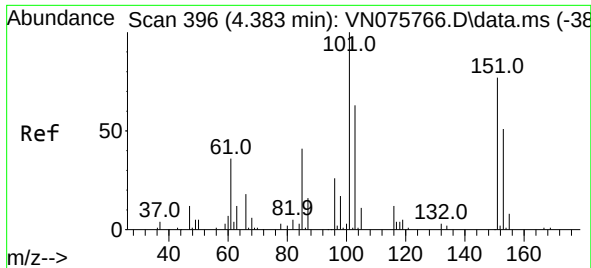
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#8
Diethyl Ether
Concen: 78.696 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075767.D
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Tgt Ion: 74 Resp: 131645
Ion Ratio Lower Upper
74 100
45 73.7 36.8 110.4





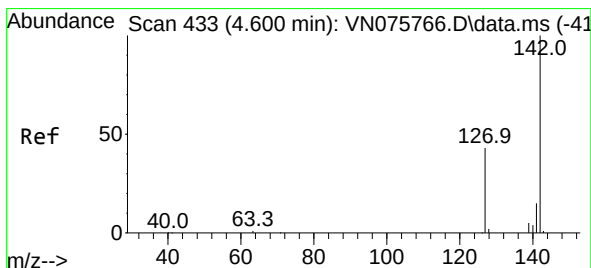
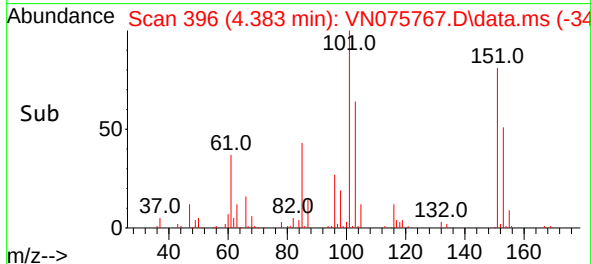
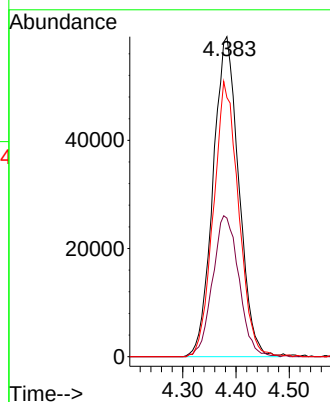
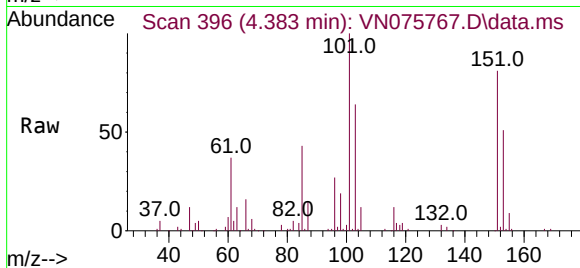
#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.005 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 19873
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 83.7 65.6 98.4

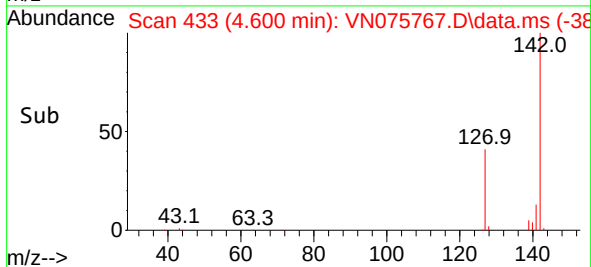
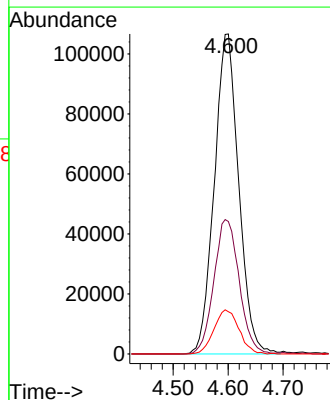
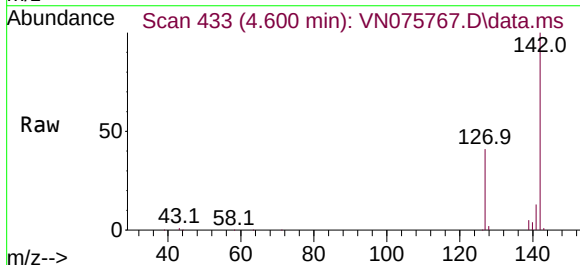
Manual Integrations
APPROVED

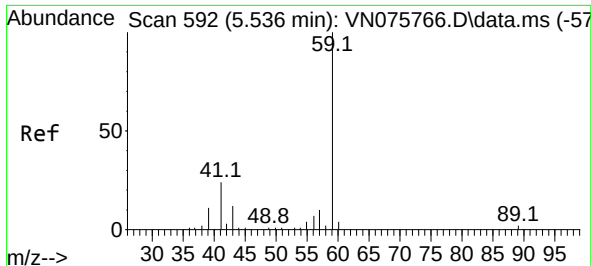
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 74.872 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

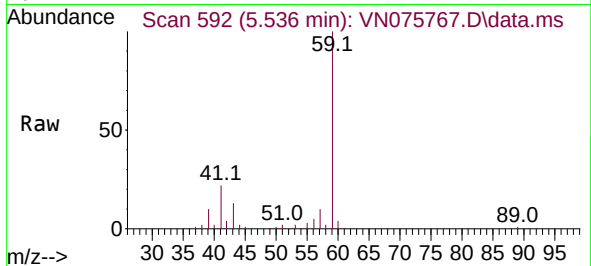
Tgt Ion:142 Resp: 328560
Ion Ratio Lower Upper
142 100
127 43.6 35.0 52.4
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 394.069 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

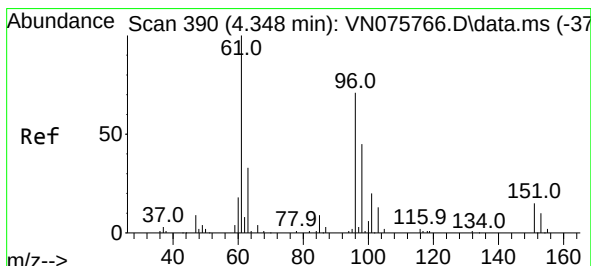
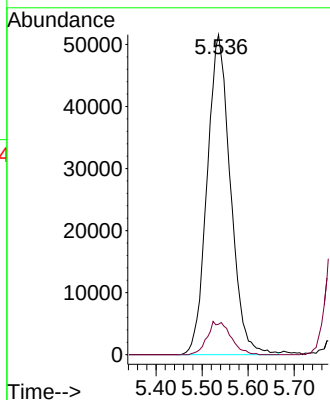
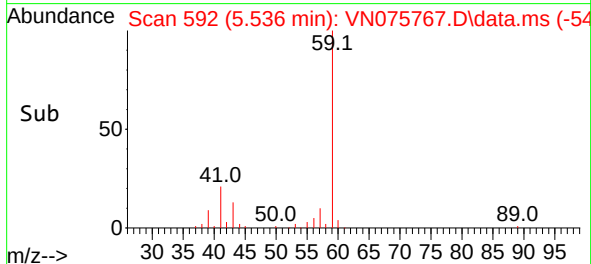
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



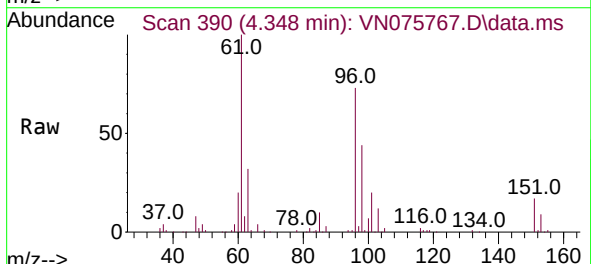
Tgt Ion: 59 Resp: 18123
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

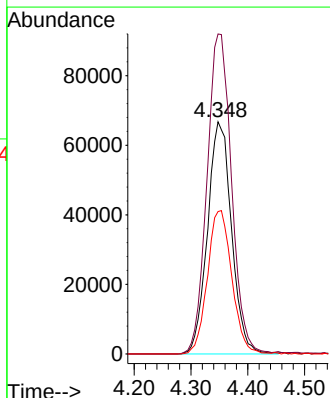
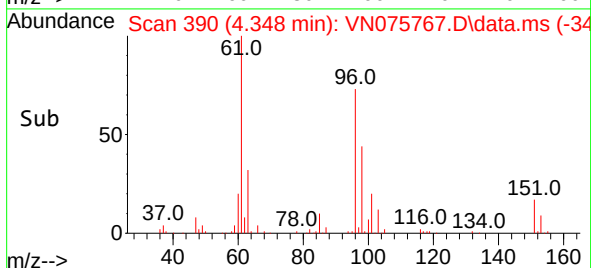
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

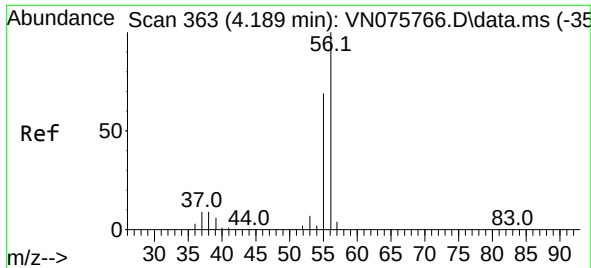


#12
1,1-Dichloroethene
Concen: 78.173 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



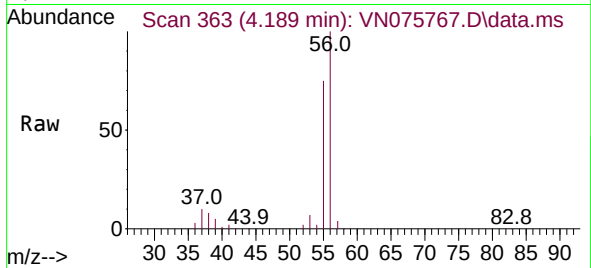
Tgt Ion: 96 Resp: 196214
Ion Ratio Lower Upper
96 100
61 137.9 116.8 175.2
98 61.3 51.6 77.4





#13
Acrolein
Concen: 402.167 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

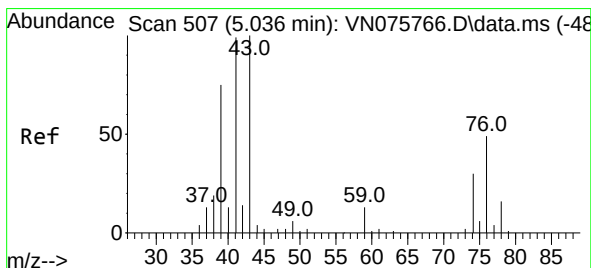
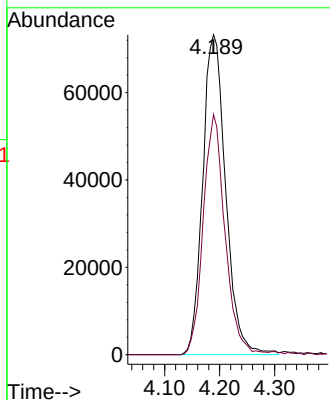
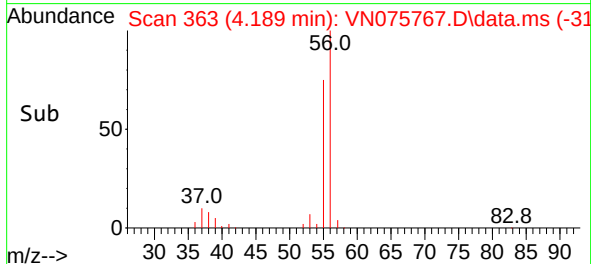
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 56 Resp: 21301
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5

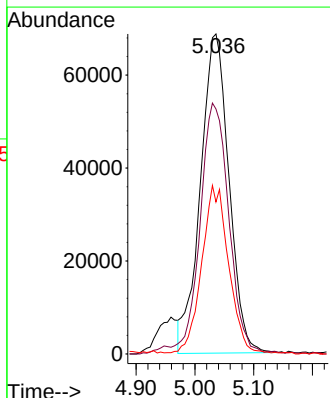
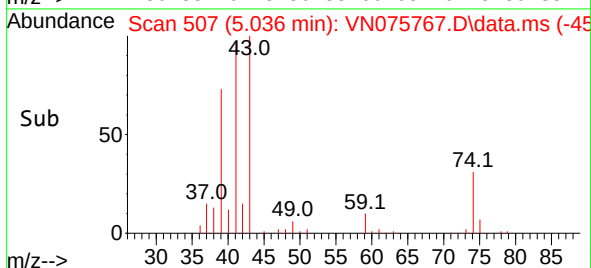
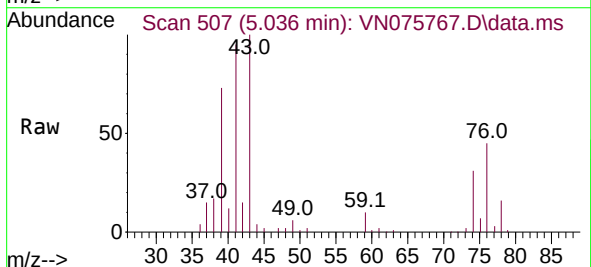
Manual Integrations
APPROVED

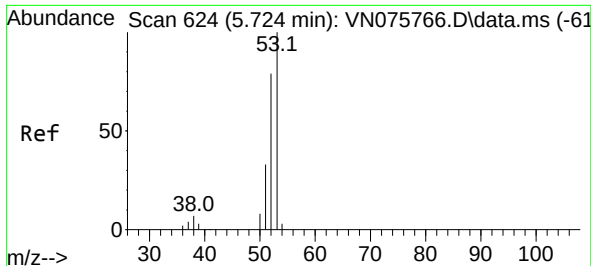
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 74.146 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

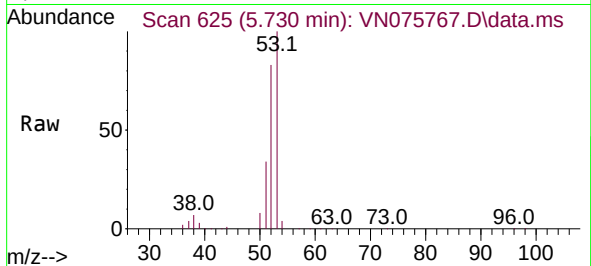
Tgt Ion: 41 Resp: 231760
Ion Ratio Lower Upper
41 100
39 80.1 64.6 96.8
76 48.9 40.9 61.3





#15
Acrylonitrile
Concen: 398.916 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

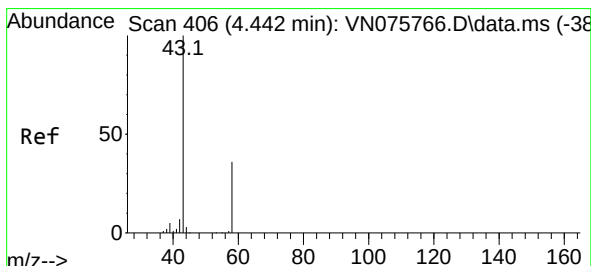
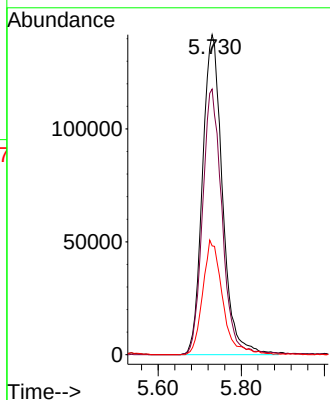
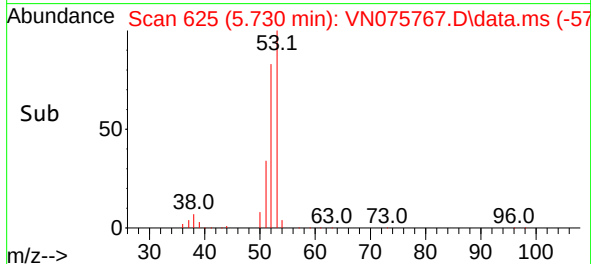
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



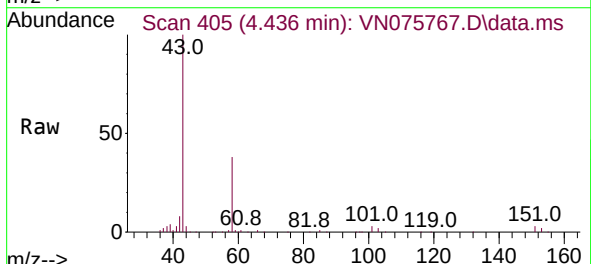
Tgt Ion: 53 Resp: 47388
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 35.7 28.9 43.3

Manual Integrations
APPROVED

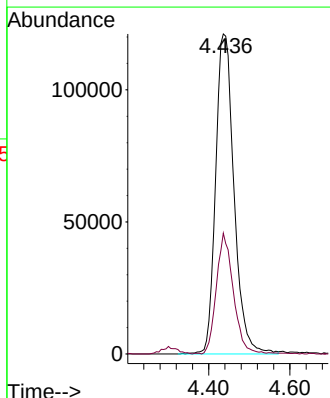
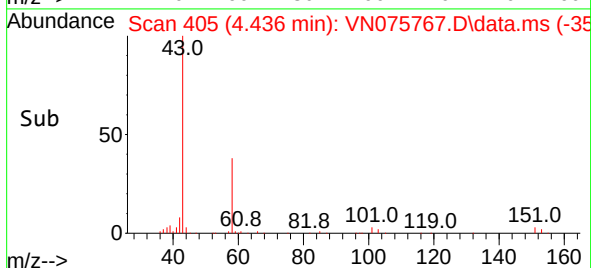
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

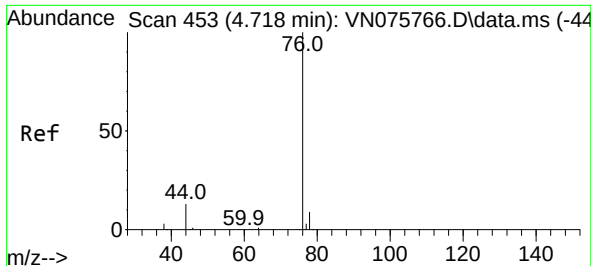


#16
Acetone
Concen: 362.470 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



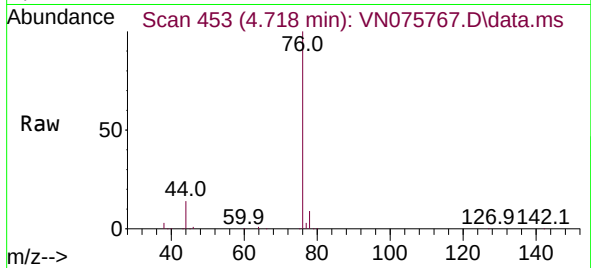
Tgt Ion: 43 Resp: 381605
Ion Ratio Lower Upper
43 100
58 37.5 27.0 40.4





#17
Carbon Disulfide
Concen: 72.101 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

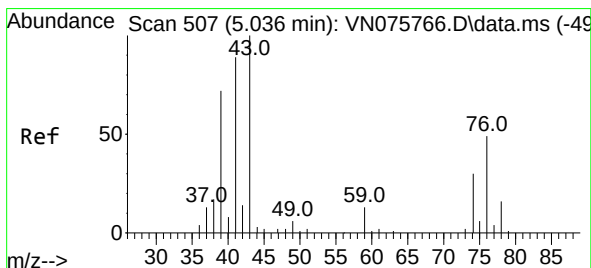
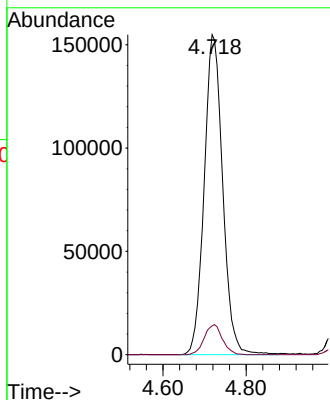
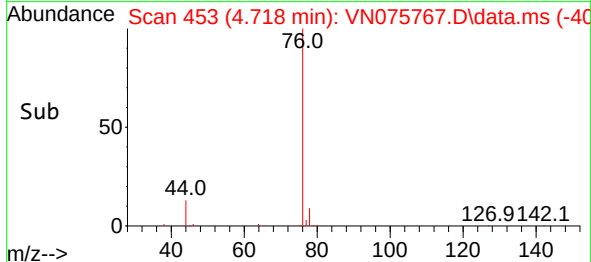
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC075



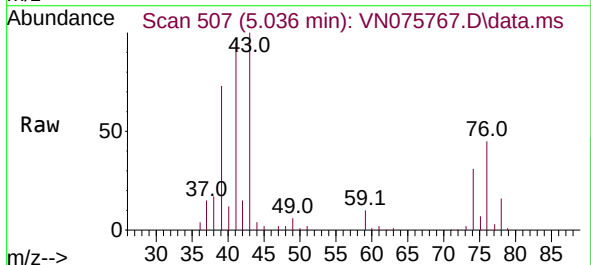
Tgt Ion: 76 Resp: 47887
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
APPROVED

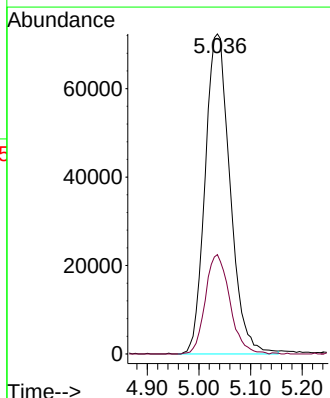
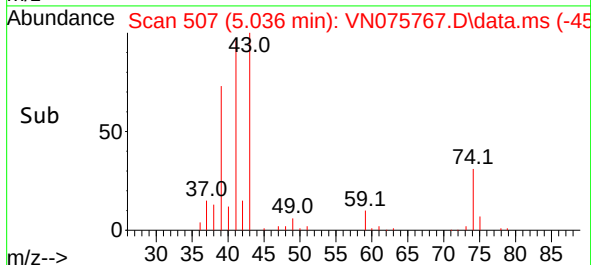
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

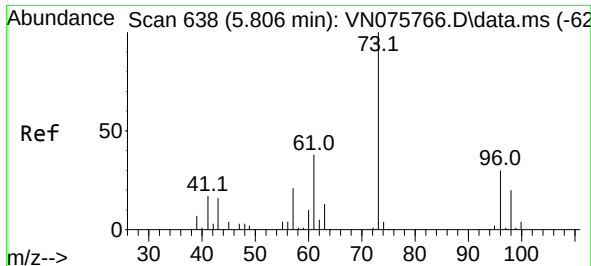


#18
Methyl Acetate
Concen: 71.773 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



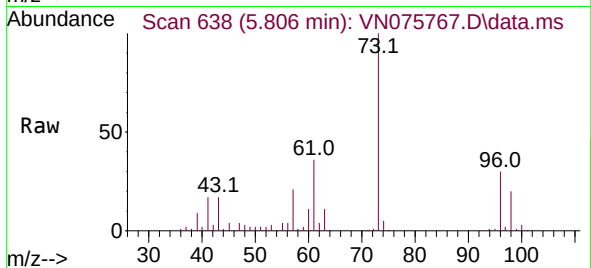
Tgt Ion: 43 Resp: 242806
Ion Ratio Lower Upper
43 100
74 30.4 24.5 36.7





#19
Methyl tert-butyl Ether
Concen: 81.021 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

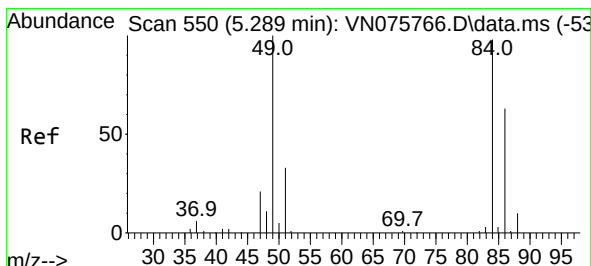
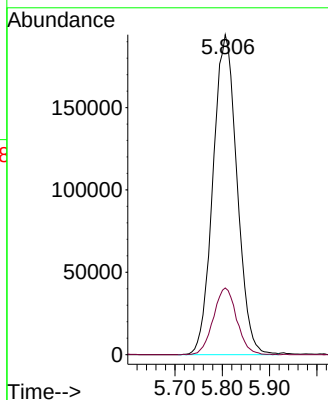
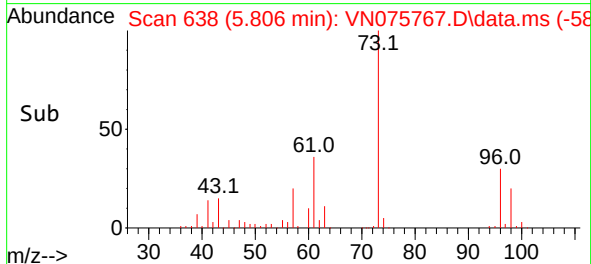
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 73 Resp: 684090
Ion Ratio Lower Upper
73 100
57 20.8 15.1 22.7

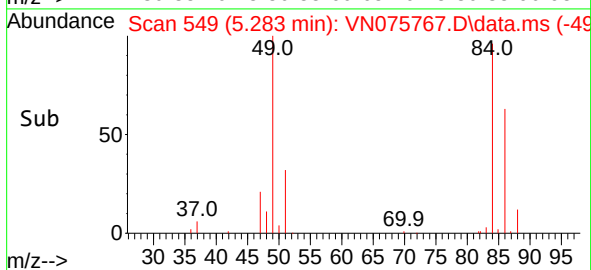
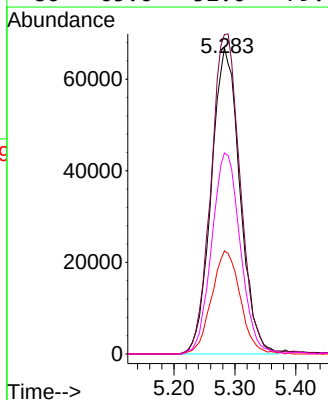
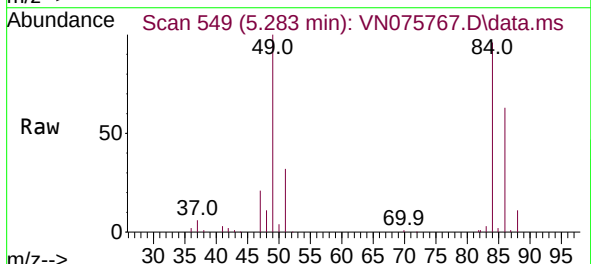
Manual Integrations
APPROVED

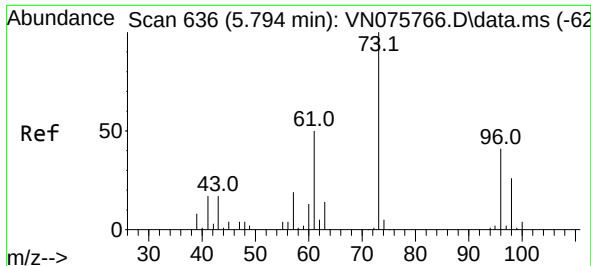
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 69.531 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

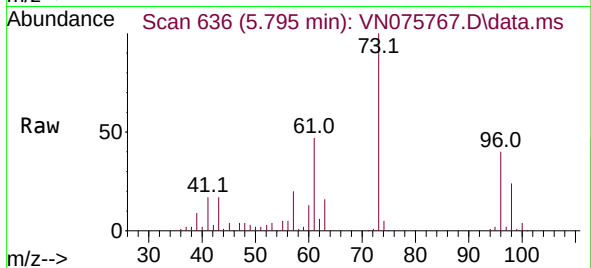
Tgt Ion: 84 Resp: 218222
Ion Ratio Lower Upper
84 100
49 104.3 83.0 124.4
51 33.7 26.0 39.0
86 65.6 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 76.937 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

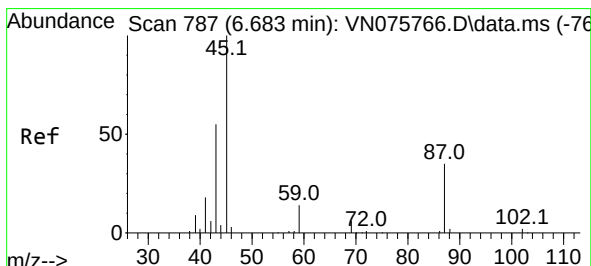
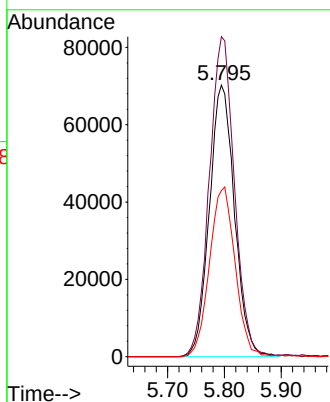
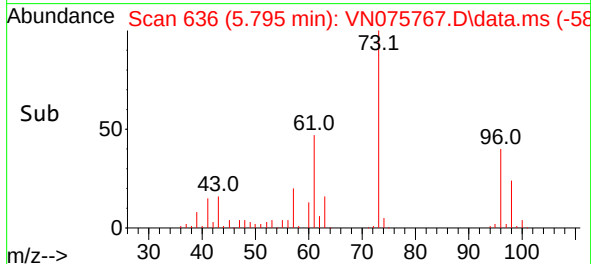
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



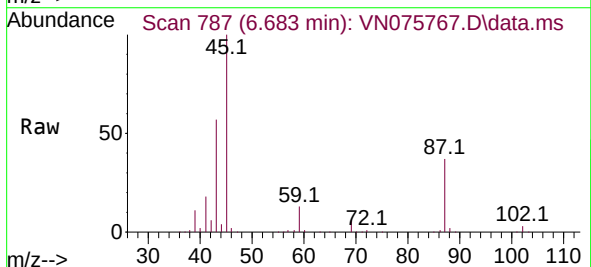
Tgt Ion: 96 Resp: 215800
Ion Ratio Lower Upper
96 100
61 117.8 100.5 150.7
98 61.1 52.7 79.1

Manual Integrations
APPROVED

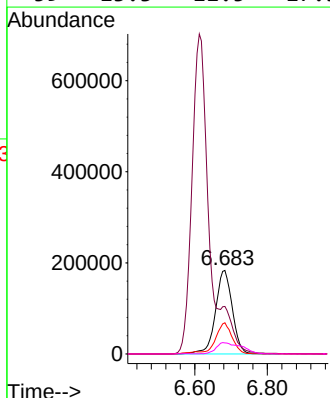
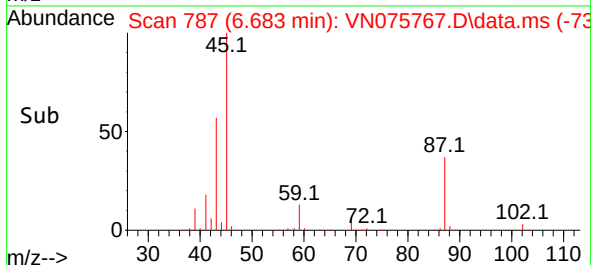
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

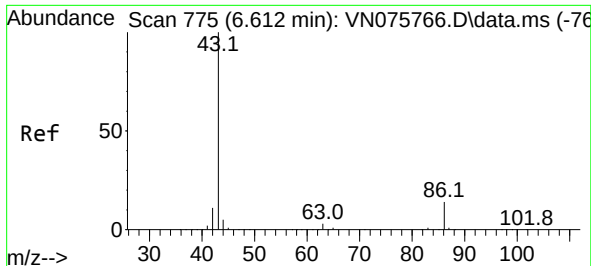


#22
Diisopropyl ether
Concen: 83.163 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



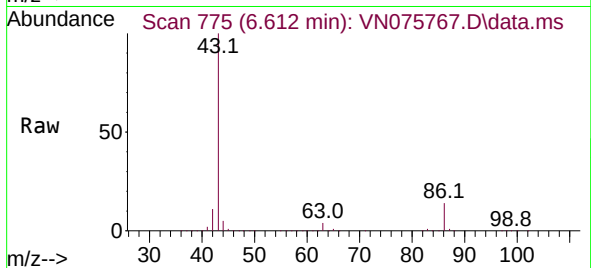
Tgt Ion: 45 Resp: 591443
Ion Ratio Lower Upper
45 100
43 56.3 44.9 67.3
87 37.3 28.8 43.2
59 13.3 11.5 17.3





#23
 Vinyl Acetate
 Concen: 388.325 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32

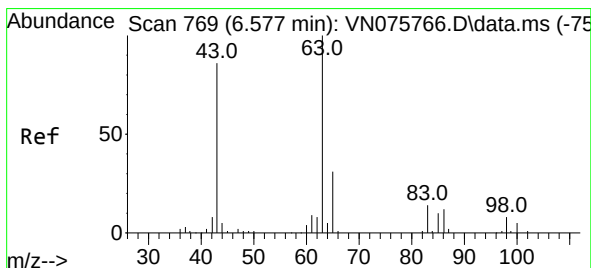
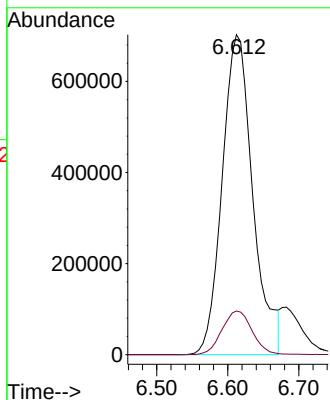
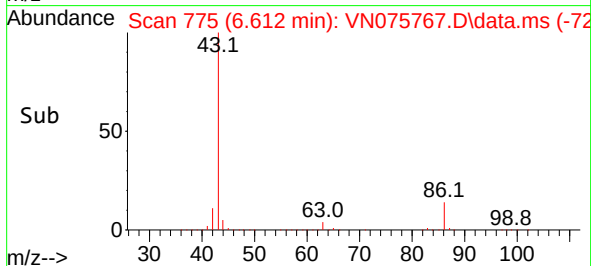
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



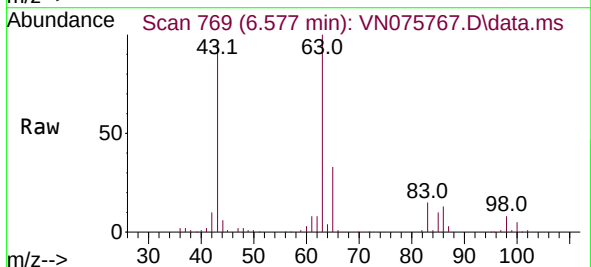
Tgt Ion: 43 Resp: 210589
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.5 17.3

Manual Integrations
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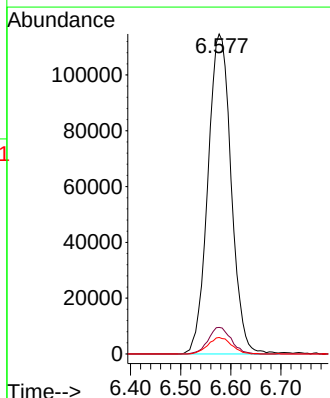
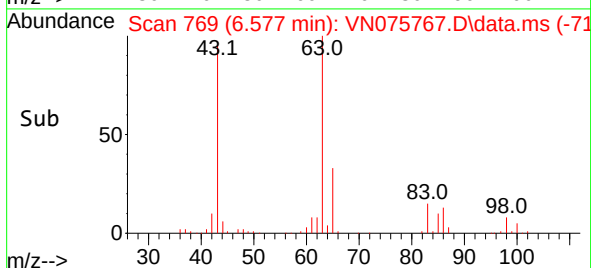
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

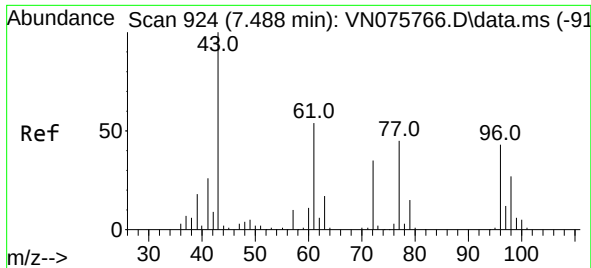


#24
 1,1-Dichloroethane
 Concen: 78.952 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32



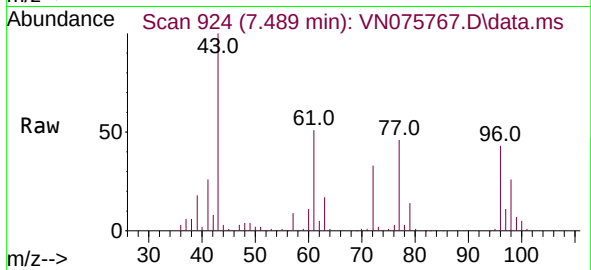
Tgt Ion: 63 Resp: 369606
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 12.9
 100 5.1 2.6 7.8





#25
2-Butanone
Concen: 390.766 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

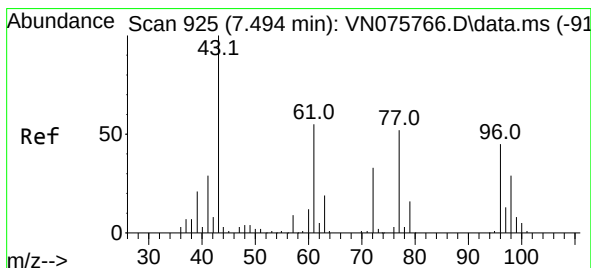
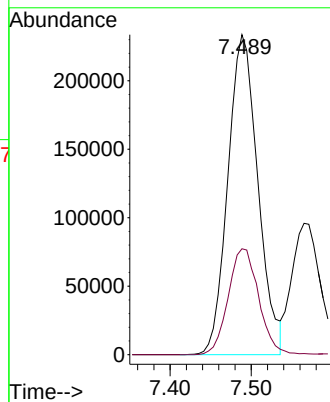
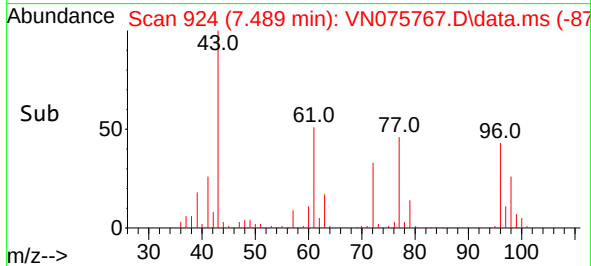
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 60139
Ion Ratio Lower Upper
43 100
72 33.1 25.3 37.9

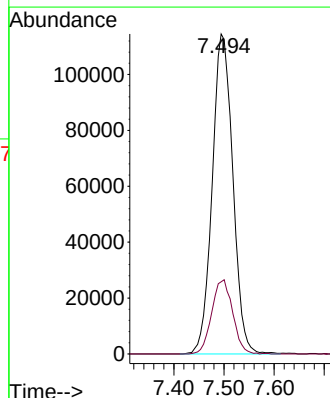
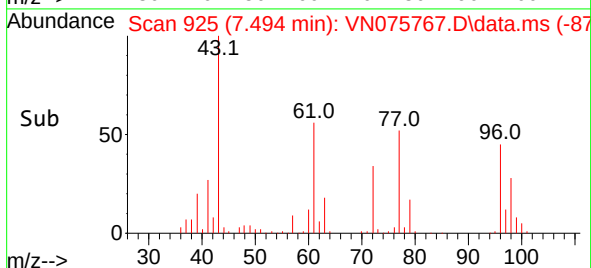
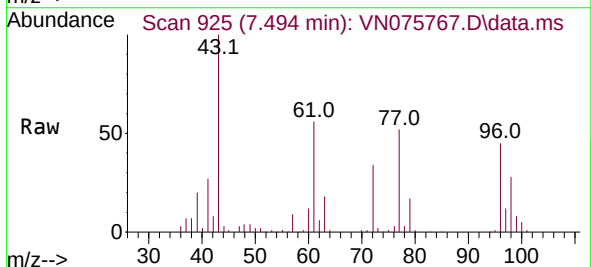
Manual Integrations
APPROVED

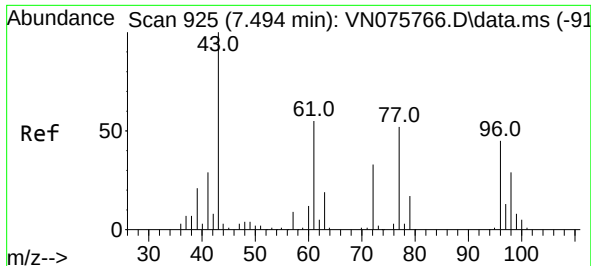
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#26
2,2-Dichloropropane
Concen: 81.855 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

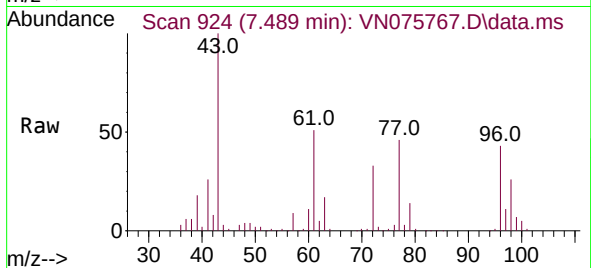
Tgt Ion: 77 Resp: 326817
Ion Ratio Lower Upper
77 100
97 23.5 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 77.704 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32

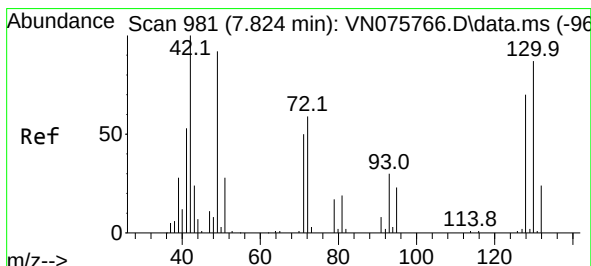
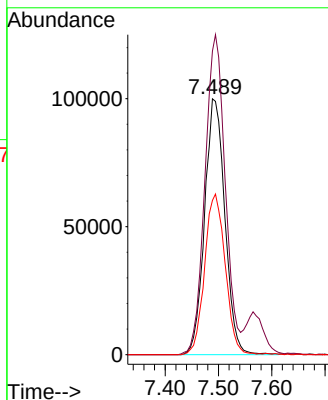
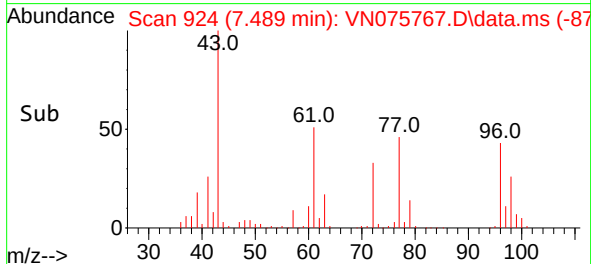
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 26460
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 247.8
 98 63.7 0.0 126.0

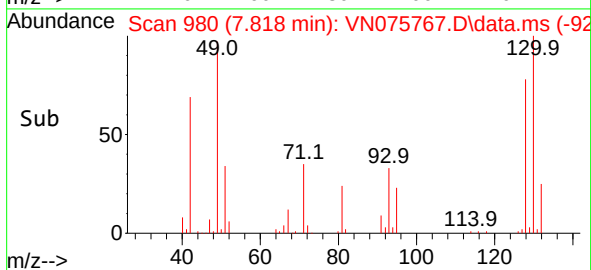
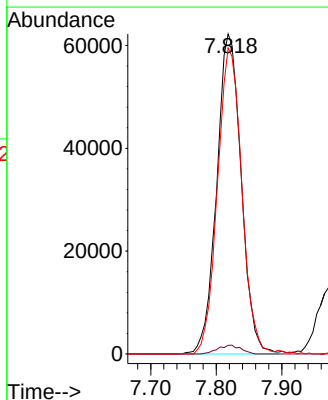
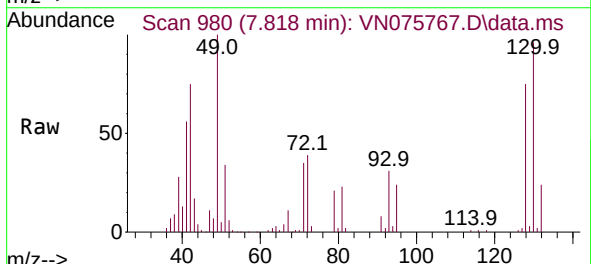
Manual Integrations
 APPROVED

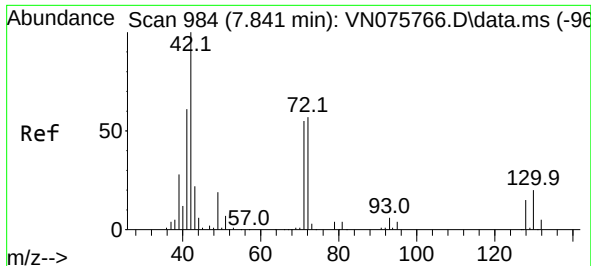
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#28
 Bromochloromethane
 Concen: 86.104 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32

Tgt Ion: 49 Resp: 161166
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 94.8 78.5 117.7





#29

Tetrahydrofuran

Concen: 410.483 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.006 min

Lab File: VN075767.D

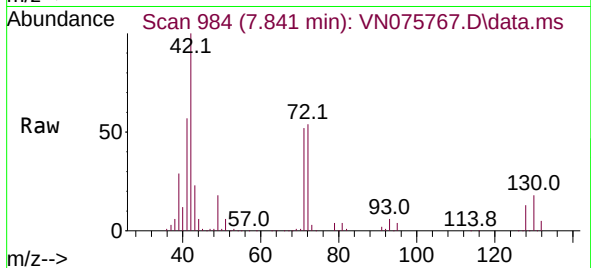
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



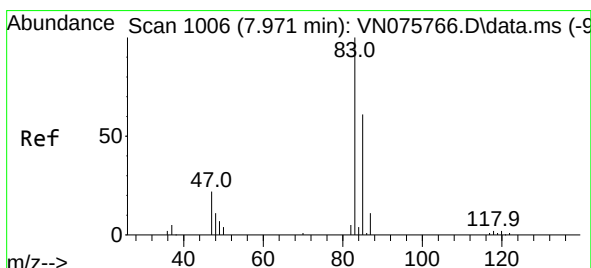
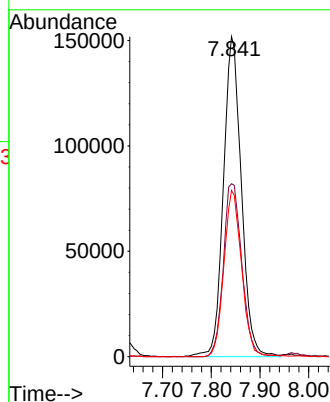
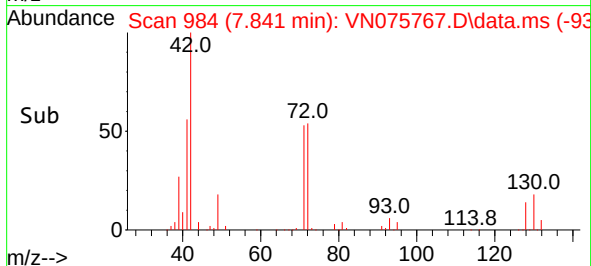
Tgt Ion:	42	Resp:	38938
Ion Ratio	Lower	Upper	
42	100		
72	55.6	44.6	67.0
71	51.4	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 80.532 ug/l

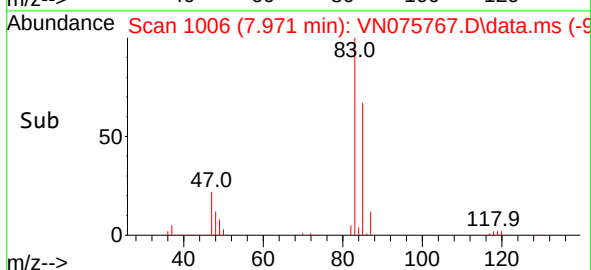
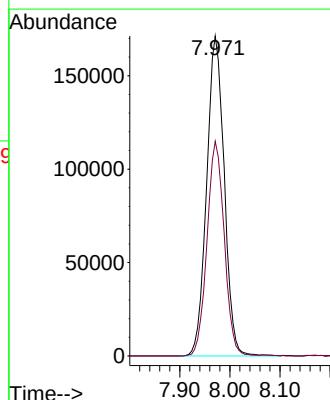
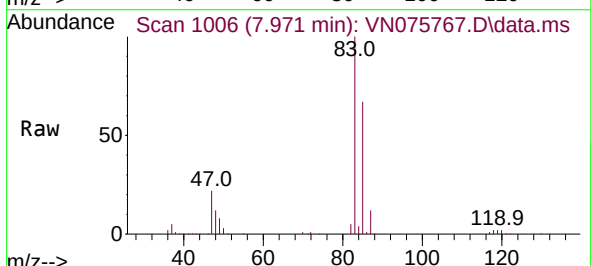
RT: 7.971 min Scan# 1006

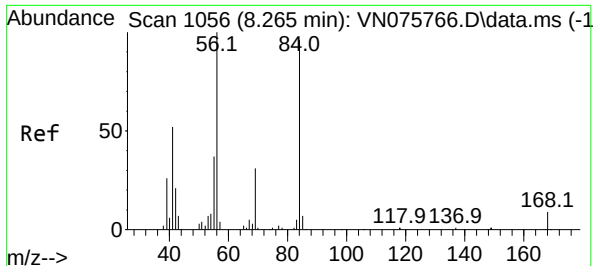
Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

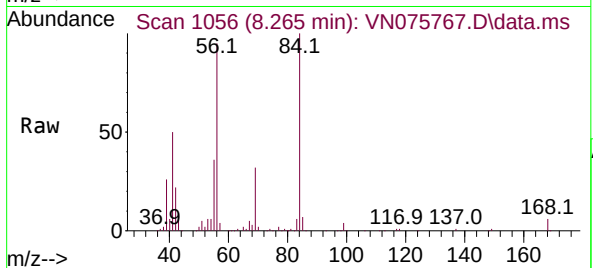
Tgt Ion:	83	Resp:	417581
Ion Ratio	Lower	Upper	
83	100		
85	67.1	51.8	77.6





#31
Cyclohexane
Concen: 69.118 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

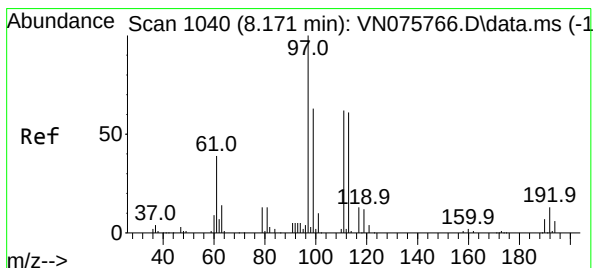
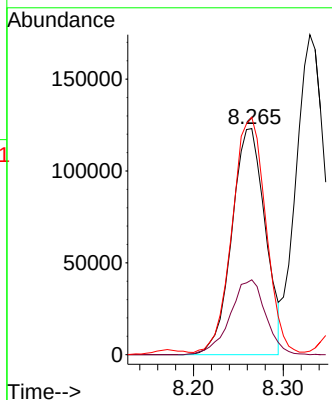
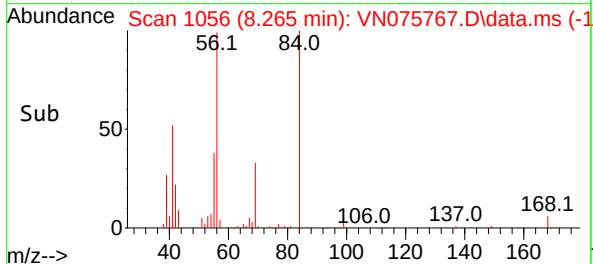
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



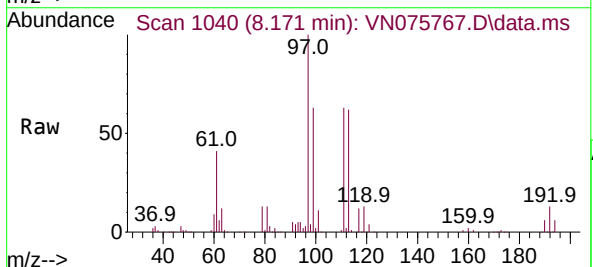
Tgt Ion: 56 Resp: 318130
Ion Ratio Lower Upper
56 100
69 33.1 26.2 39.2
84 103.4 82.8 124.2

Manual Integrations
APPROVED

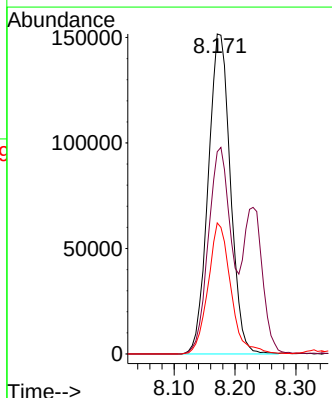
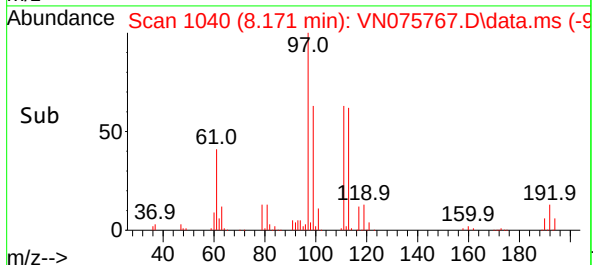
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

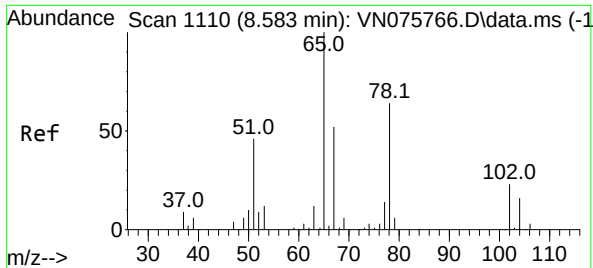


#32
1,1,1-Trichloroethane
Concen: 80.275 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion: 97 Resp: 384027
Ion Ratio Lower Upper
97 100
99 66.7 51.2 76.8
61 42.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 78.261 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 243292

Ion Ratio Lower Upper

65 100

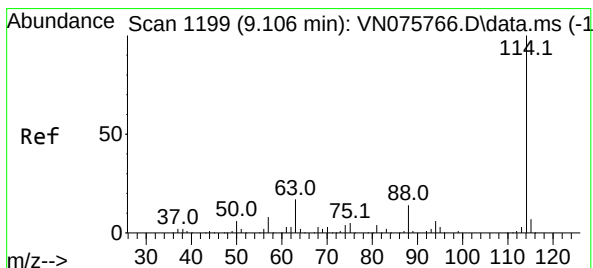
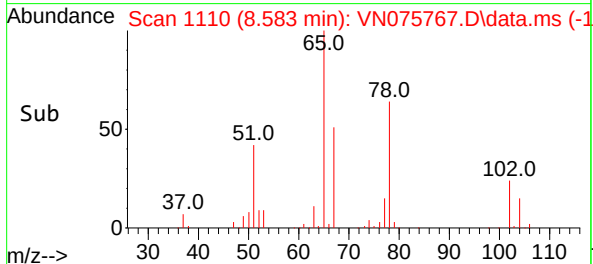
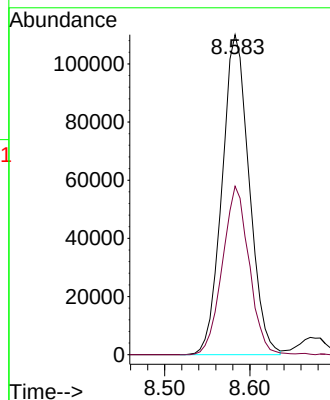
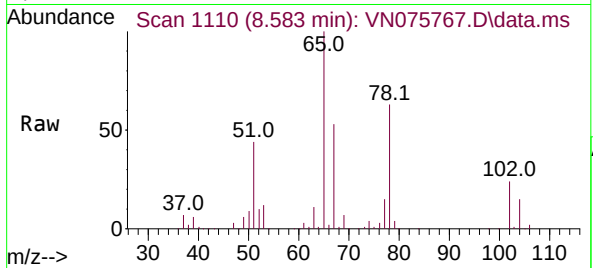
67 51.7 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

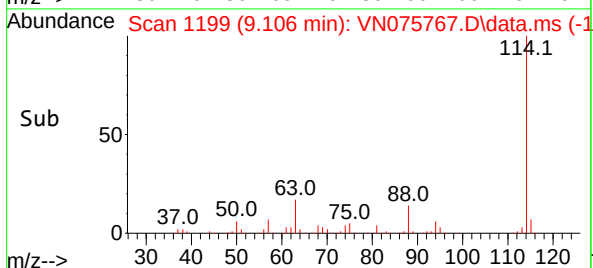
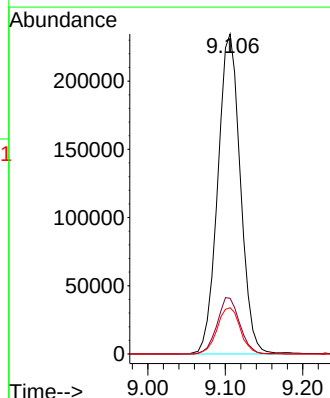
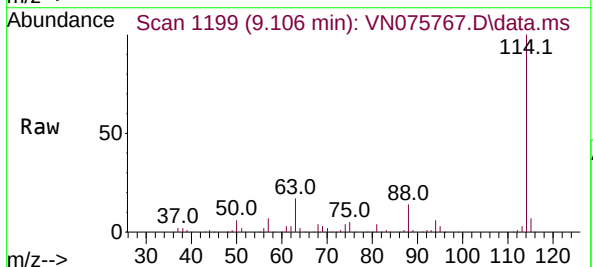
Tgt Ion:114 Resp: 473944

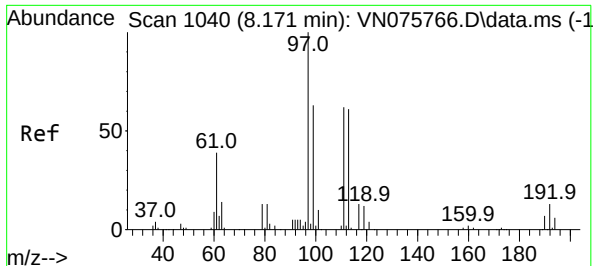
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 75.611 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:113 Resp: 21863

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.6

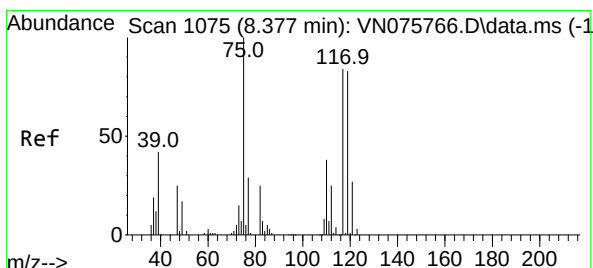
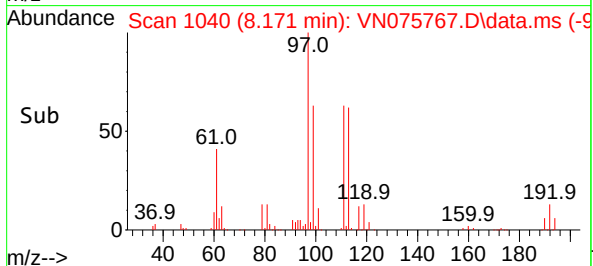
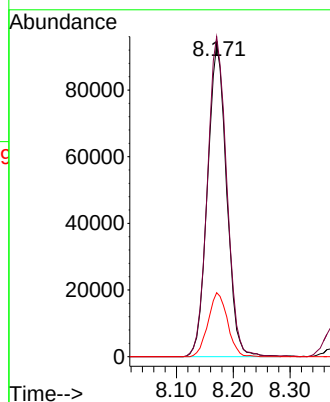
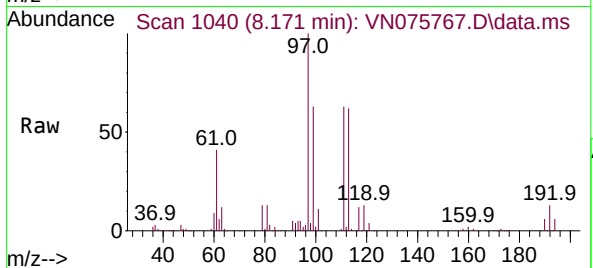
192 20.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 79.299 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

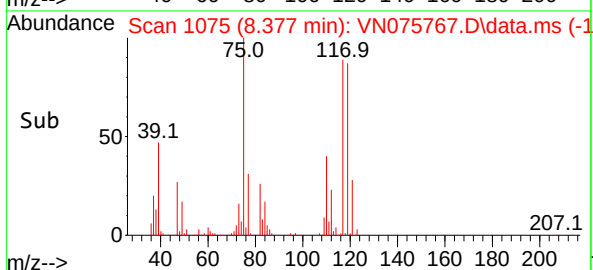
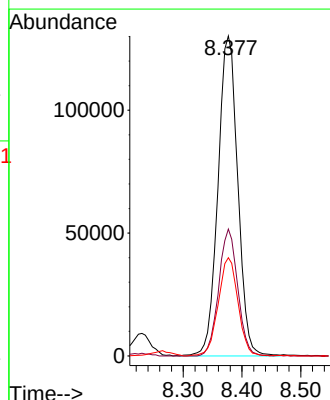
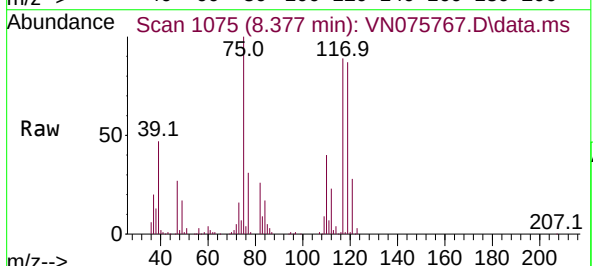
Tgt Ion: 75 Resp: 304476

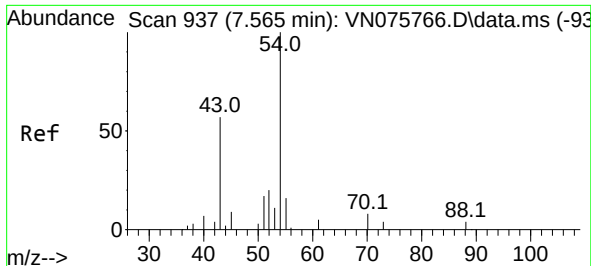
Ion Ratio Lower Upper

75 100

110 38.1 18.9 56.9

77 30.7 25.4 38.2





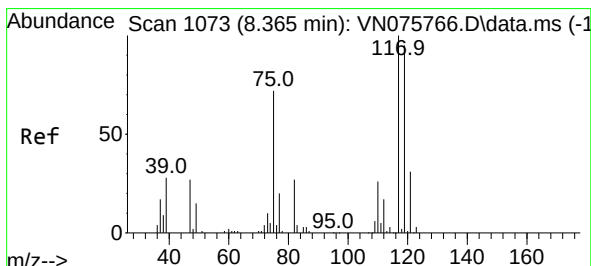
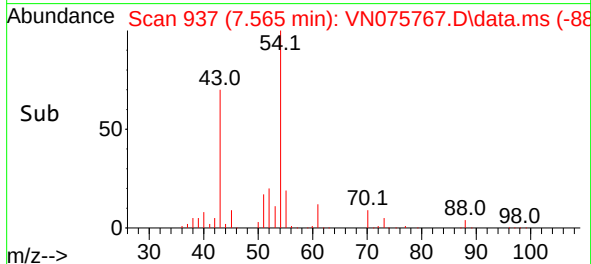
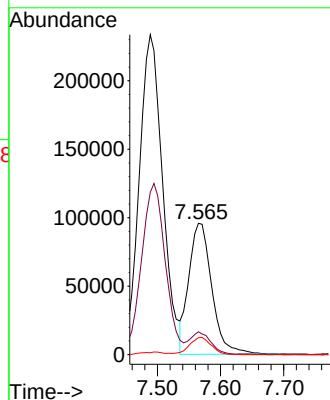
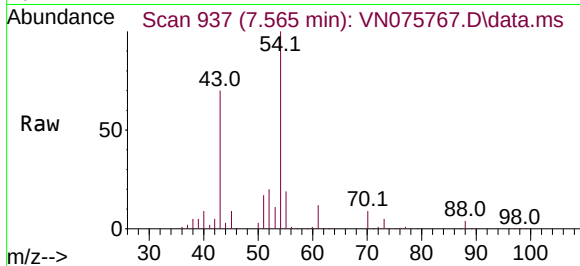
#37
Ethyl Acetate
Concen: 78.624 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 242380
Ion Ratio Lower Upper
43 100
61 15.4 13.3 19.9
70 12.5 9.9 14.9

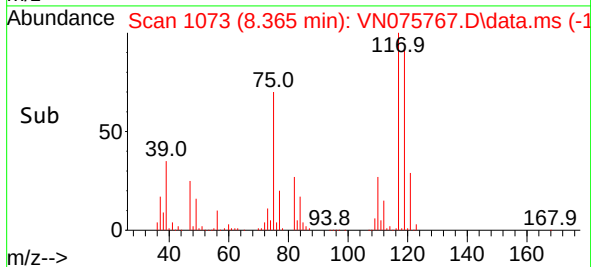
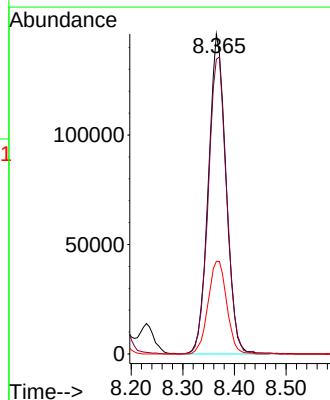
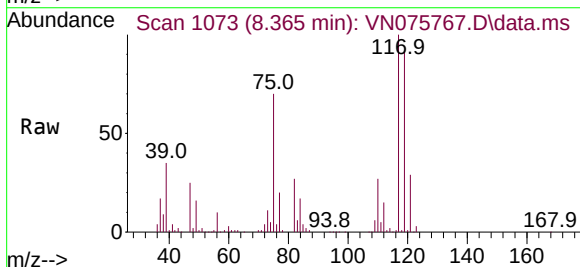
Manual Integrations
APPROVED

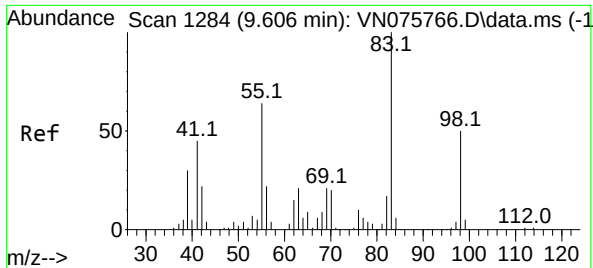
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 78.233 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion:117 Resp: 346627
Ion Ratio Lower Upper
117 100
119 92.1 77.2 115.8
121 28.9 24.6 37.0





#39
Methylcyclohexane
Concen: 79.615 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

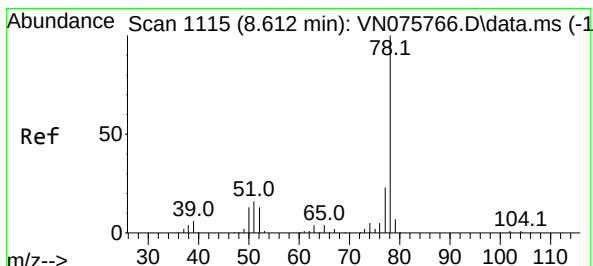
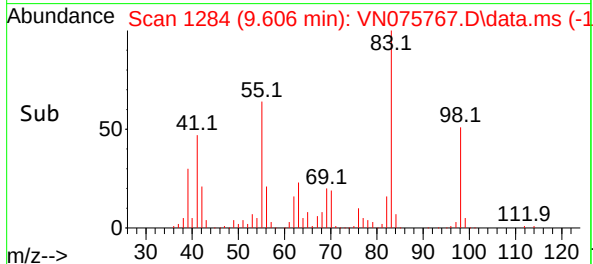
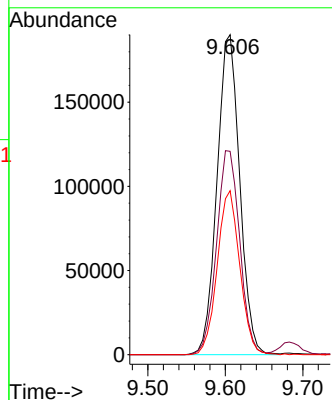
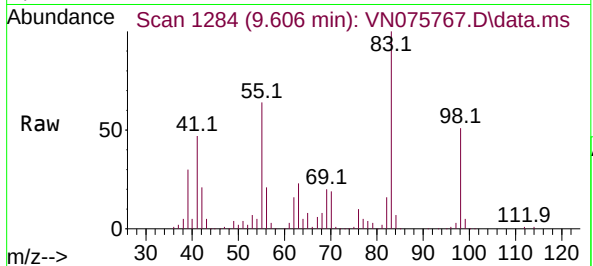
VSTDICC075

Tgt Ion: 83 Resp: 387628
Ion Ratio Lower Upper
83 100
55 63.5 51.6 77.4
98 51.3 39.8 59.8

Manual Integrations

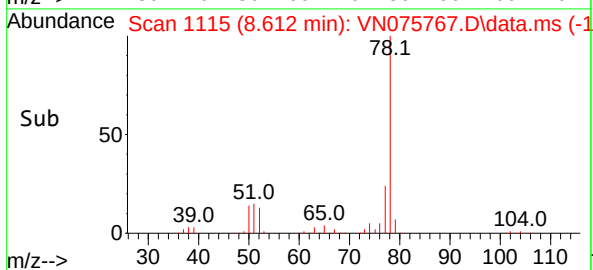
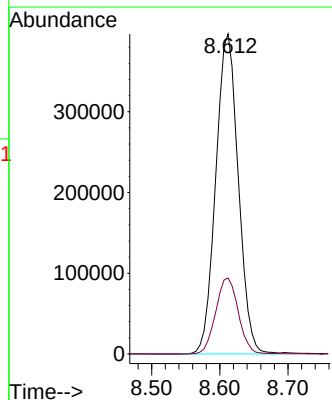
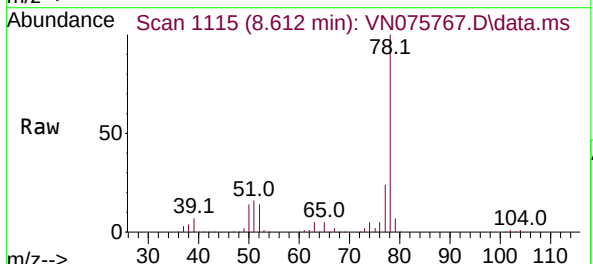
APPROVED

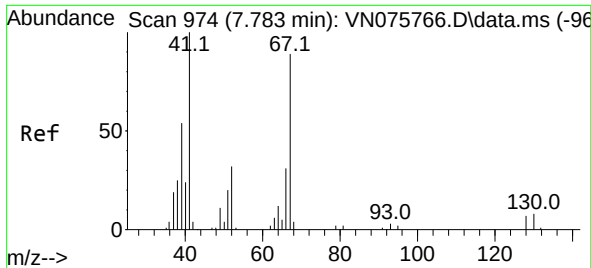
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 77.378 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

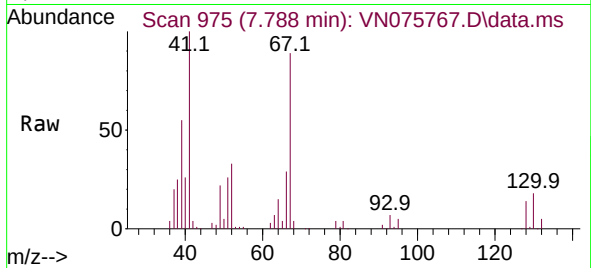
Tgt Ion: 78 Resp: 911786
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 84.512 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

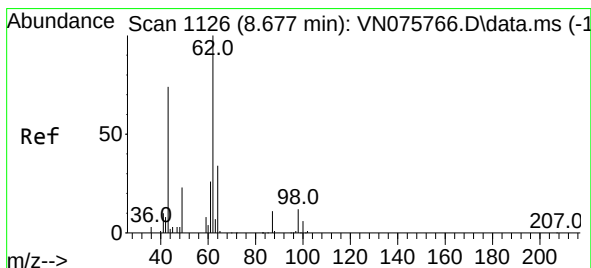
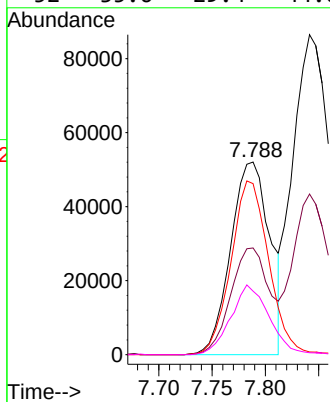
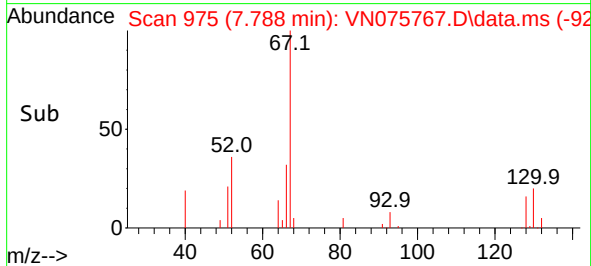
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



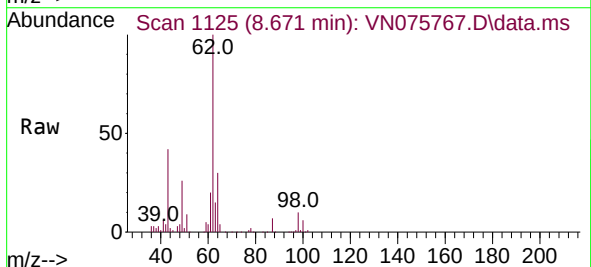
Tgt Ion: 41 Resp: 133590
Ion Ratio Lower Upper
41 100
39 54.9 46.3 69.5
67 87.3 74.0 111.0
52 35.6 29.4 44.0

Manual Integrations
APPROVED

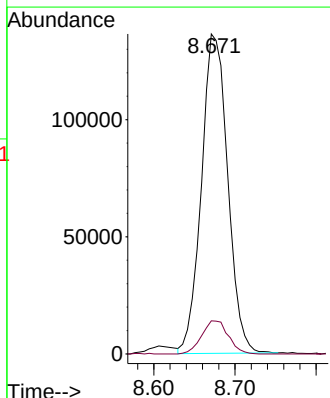
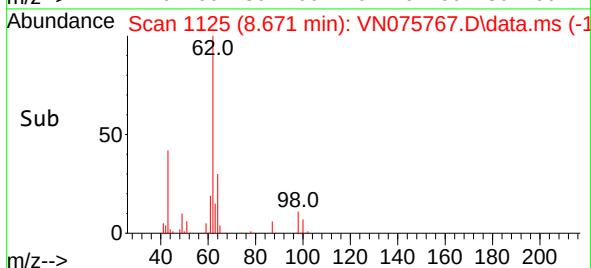
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

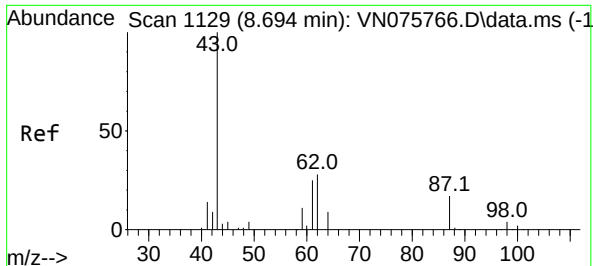


#42
1,2-Dichloroethane
Concen: 77.751 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



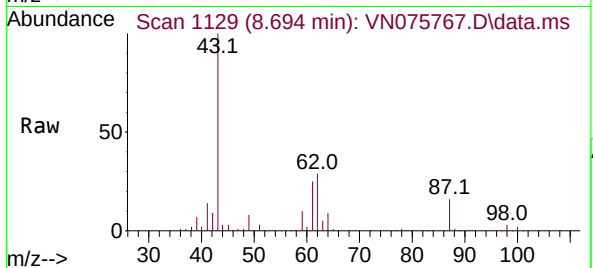
Tgt Ion: 62 Resp: 306481
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 83.053 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

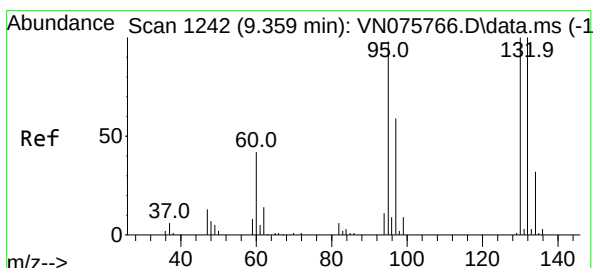
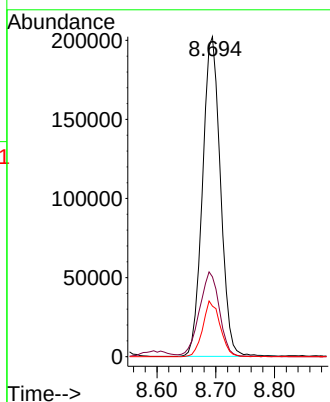
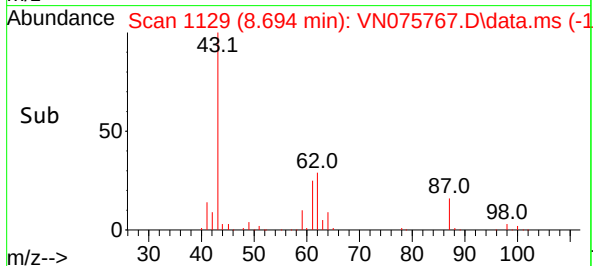
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



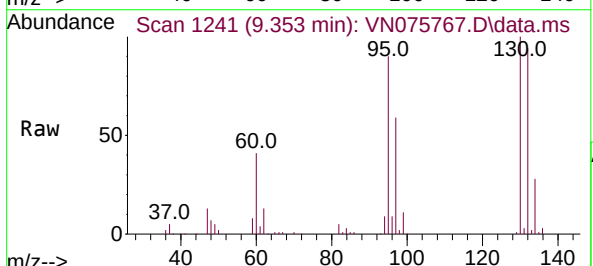
Tgt Ion: 43 Resp: 427434
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.8
87 16.9 13.7 20.5

Manual Integrations
APPROVED

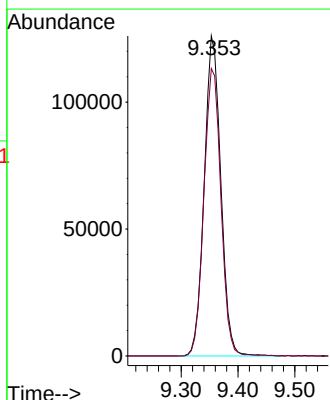
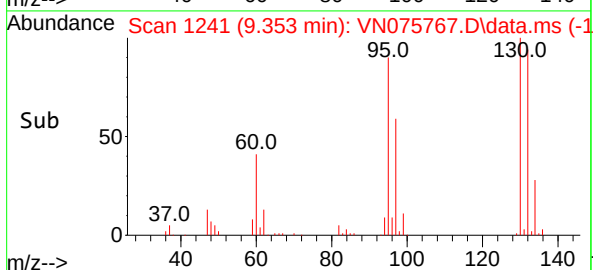
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

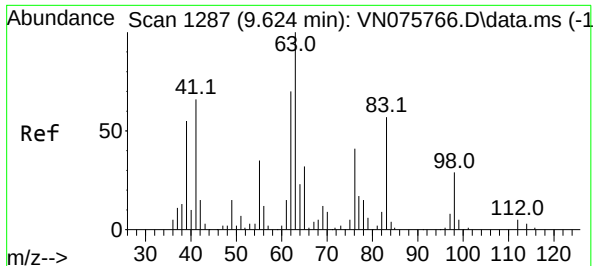


#44
Trichloroethene
Concen: 76.711 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion:130 Resp: 255006
Ion Ratio Lower Upper
130 100
95 89.9 0.0 176.8





#45

1,2-Dichloropropane

Concen: 79.074 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 221608

Ion Ratio Lower Upper

63 100

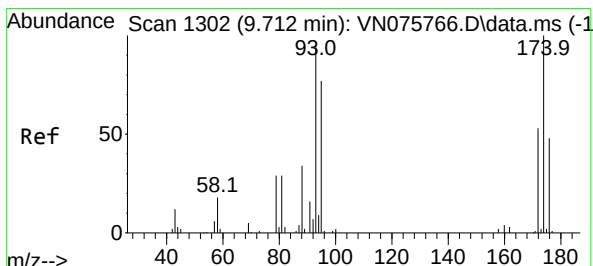
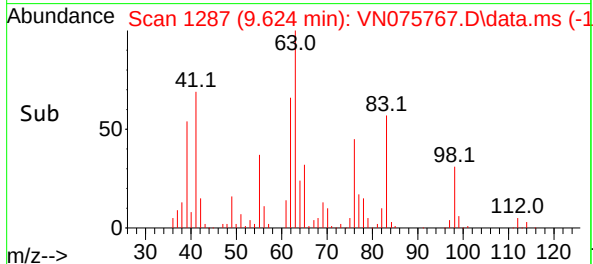
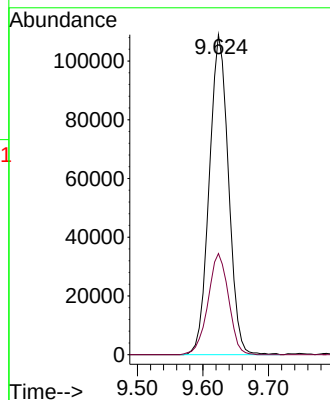
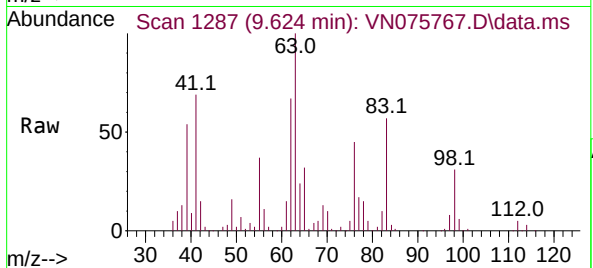
65 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 79.106 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

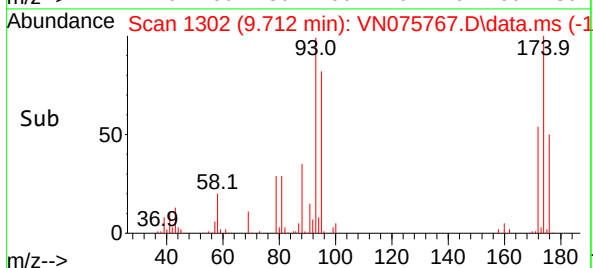
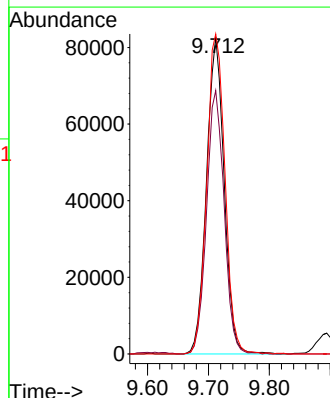
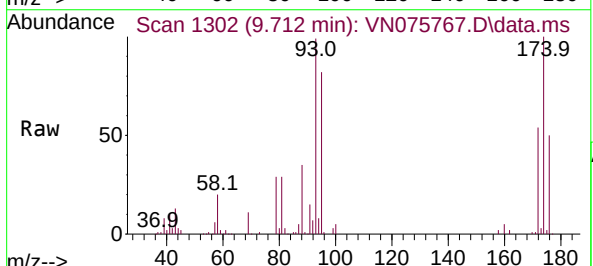
Tgt Ion: 93 Resp: 166446

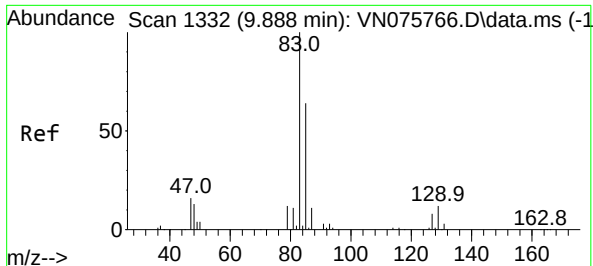
Ion Ratio Lower Upper

93 100

95 83.0 67.3 100.9

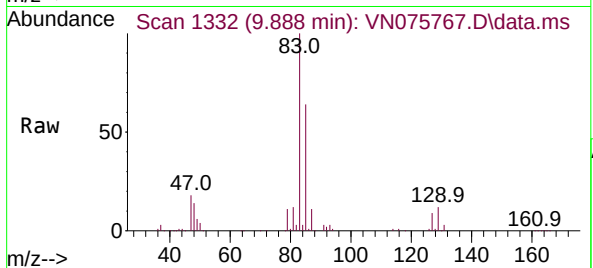
174 104.3 85.0 127.6





#47
Bromodichloromethane
Concen: 81.416 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

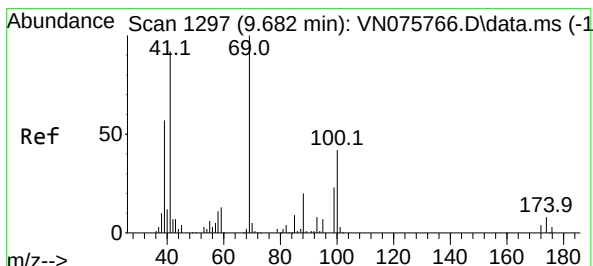
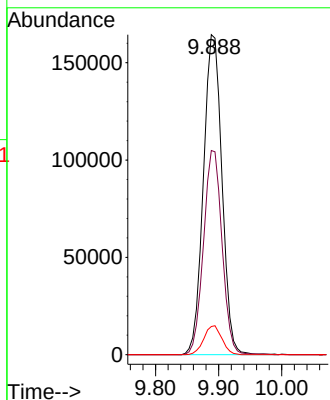
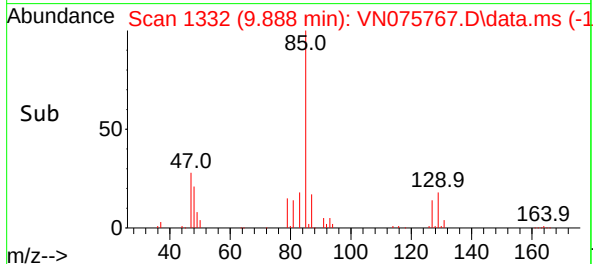
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



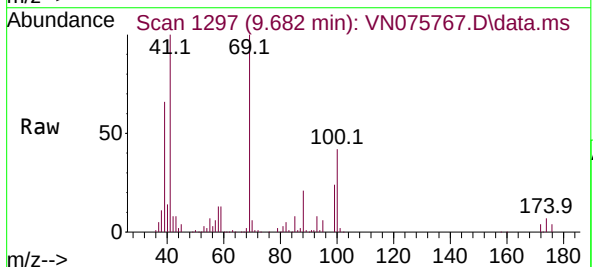
Tgt Ion: 83 Resp: 335879
Ion Ratio Lower Upper
83 100
85 63.8 48.0 72.0
127 8.8 7.4 11.2

Manual Integrations
APPROVED

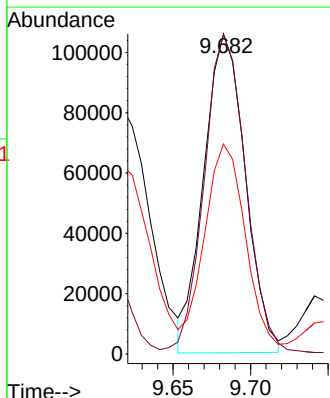
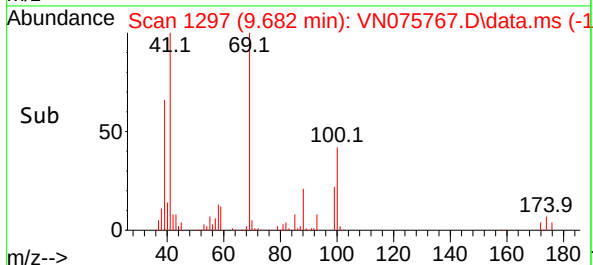
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

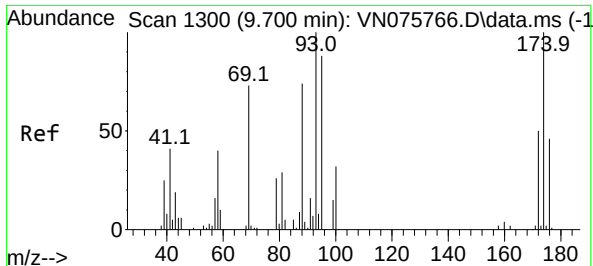


#48
Methyl methacrylate
Concen: 83.041 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion: 41 Resp: 196833
Ion Ratio Lower Upper
41 100
69 100.6 82.5 123.7
39 65.7 53.2 79.8





#49

1,4-Dioxane

Concen: 1648.286 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 94972

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0

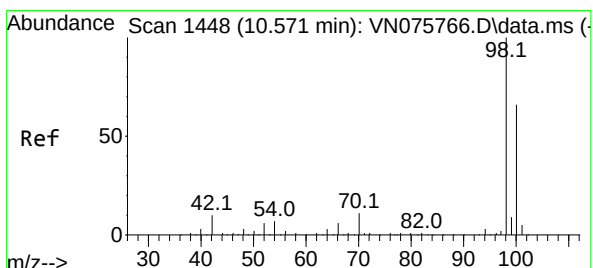
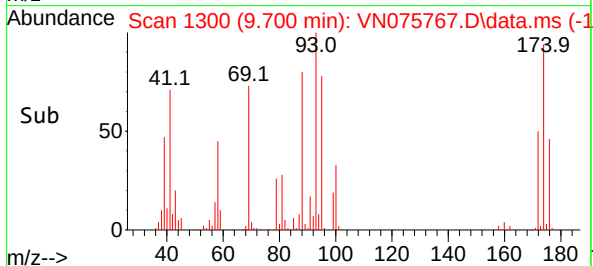
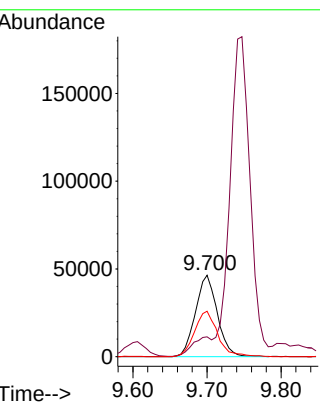
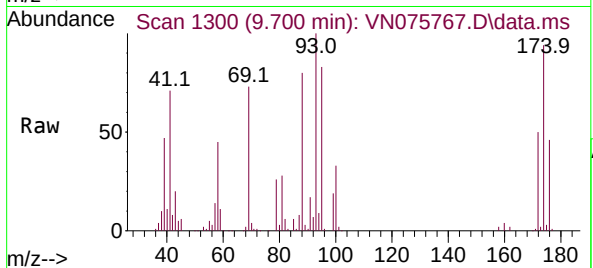
58 59.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 77.792 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075767.D

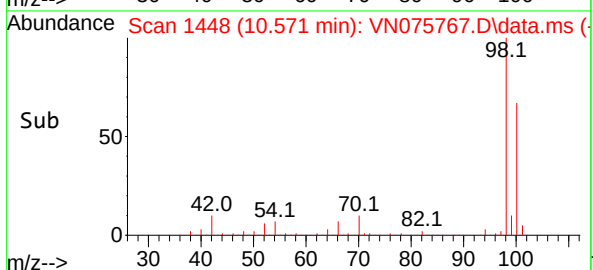
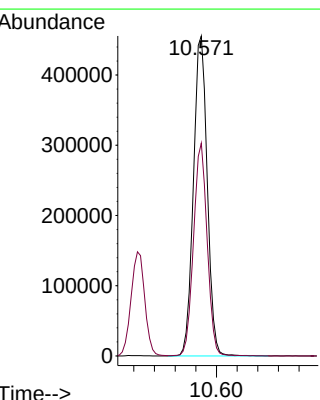
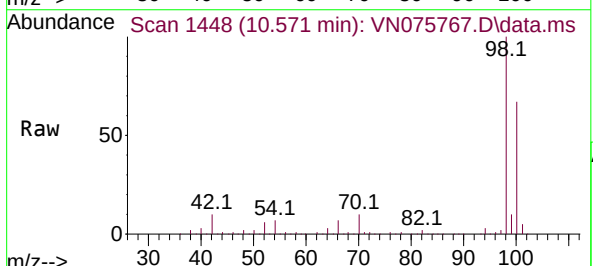
Acq: 14 Dec 2022 12:32

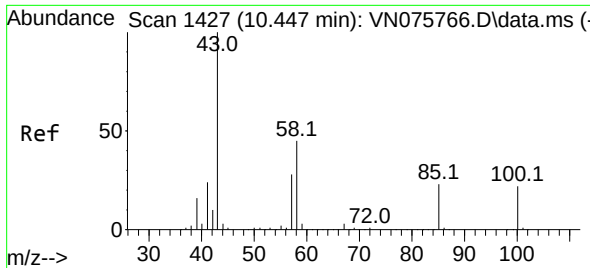
Tgt Ion: 98 Resp: 844759

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





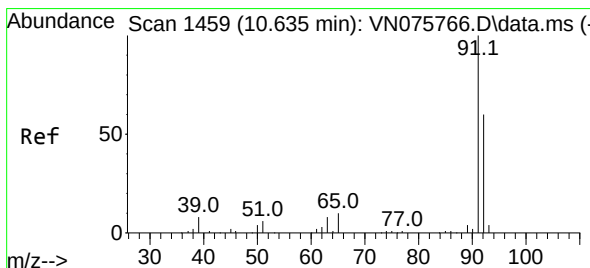
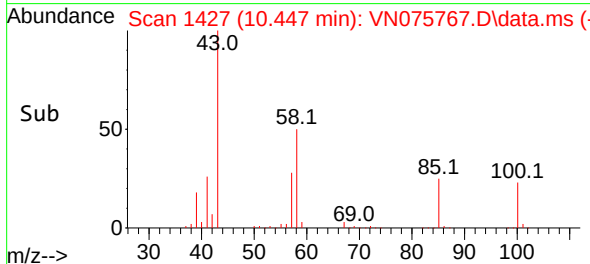
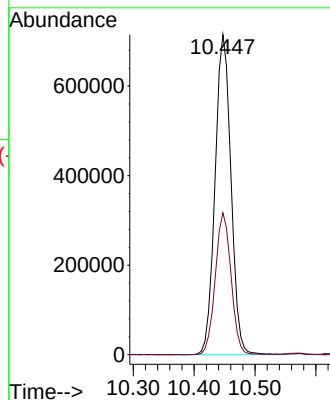
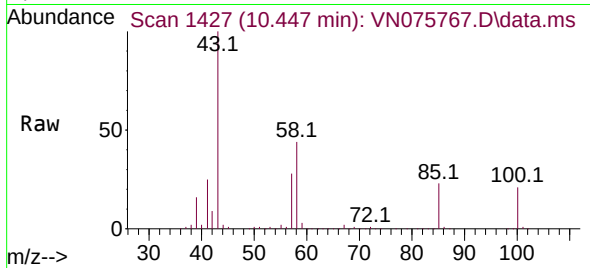
#51
4-Methyl-2-Pentanone
Concen: 408.875 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 1297549
Ion Ratio Lower Upper
43 100
58 44.0 35.0 52.6

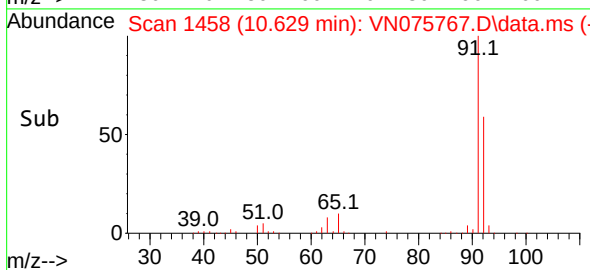
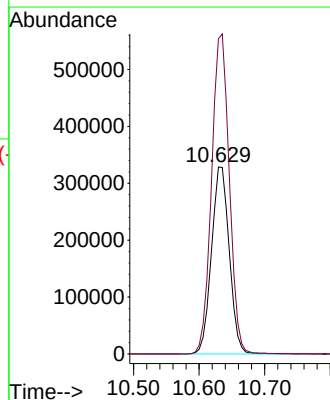
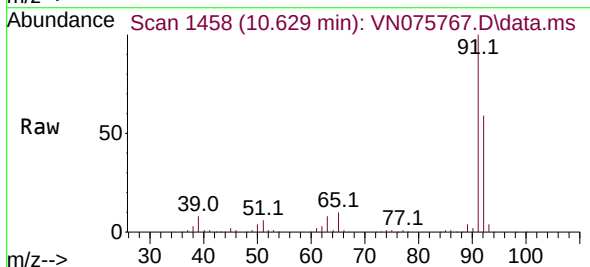
Manual Integrations
APPROVED

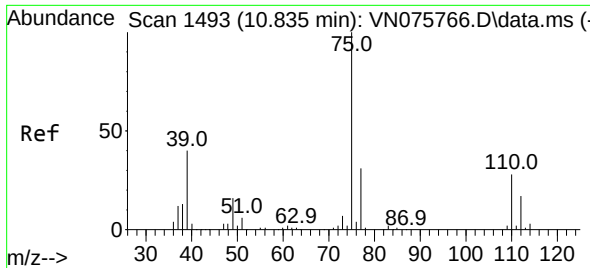
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 79.379 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 92 Resp: 618247
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 87.758 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

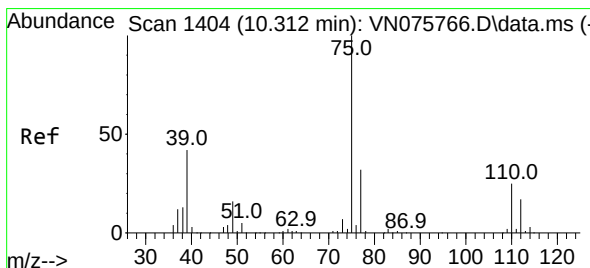
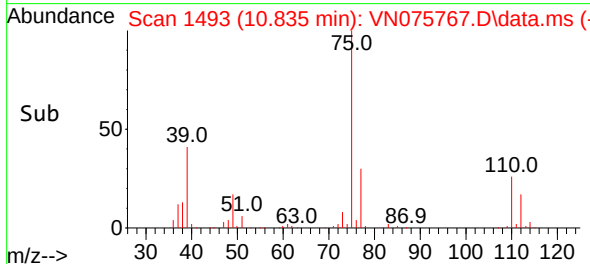
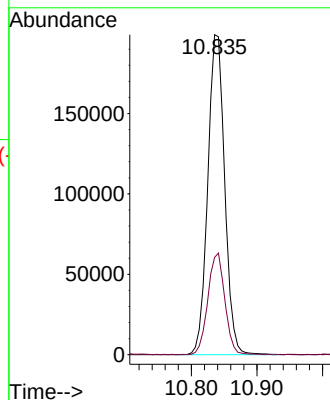
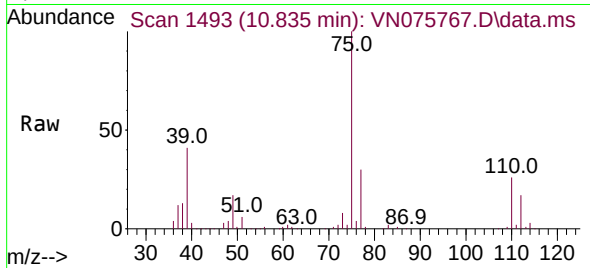
VSTDICC075

Tgt Ion: 75 Resp: 35756
Ion Ratio Lower Upper
75 100
77 30.3 24.3 36.5

Manual Integrations

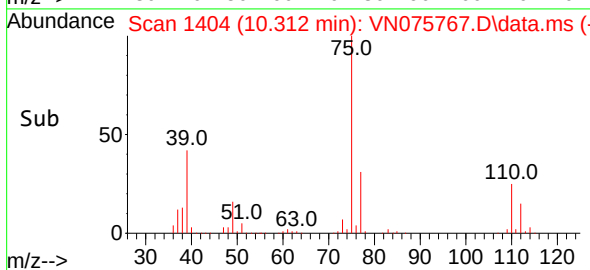
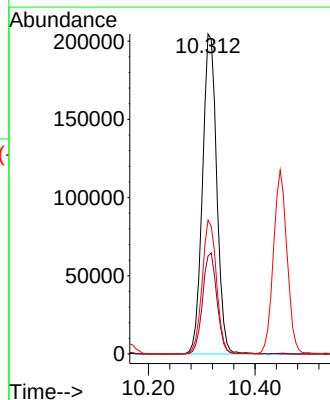
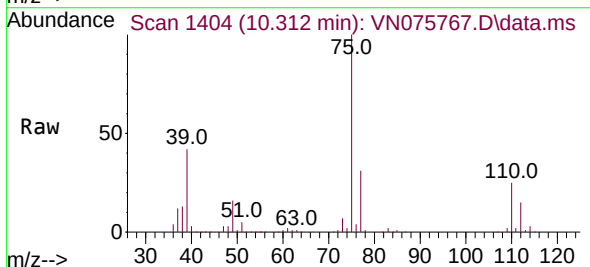
APPROVED

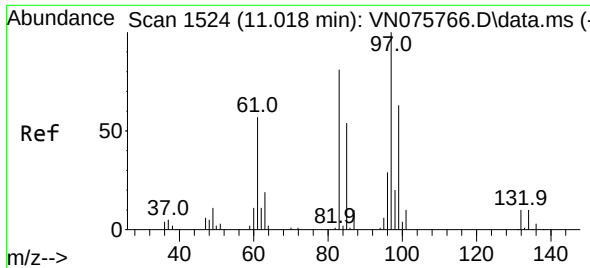
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#54
cis-1,3-Dichloropropene
Concen: 83.857 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

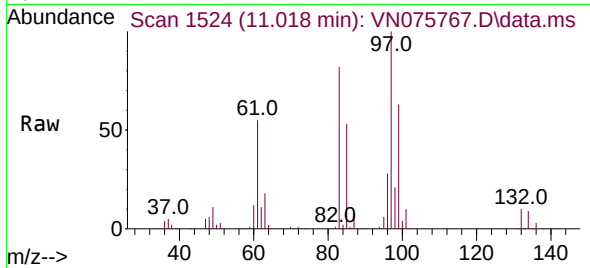
Tgt Ion: 75 Resp: 380128
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 41.8 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 78.469 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

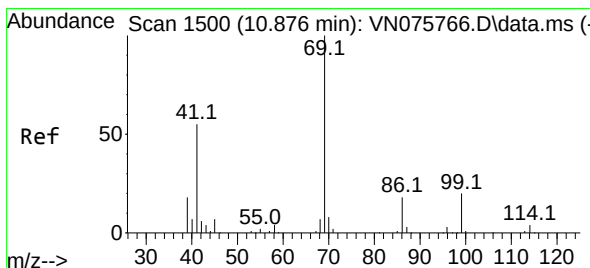
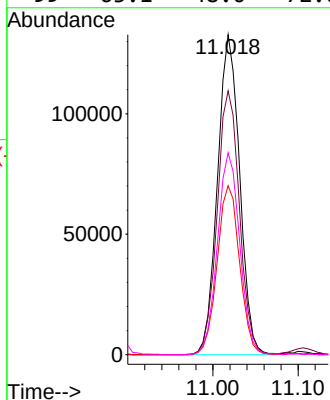
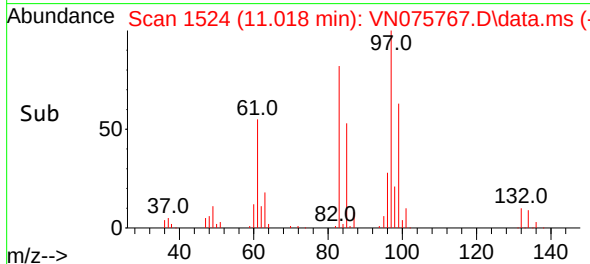
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	62.7	94.1
85	52.8	41.8	62.6
99	63.1	48.0	72.0

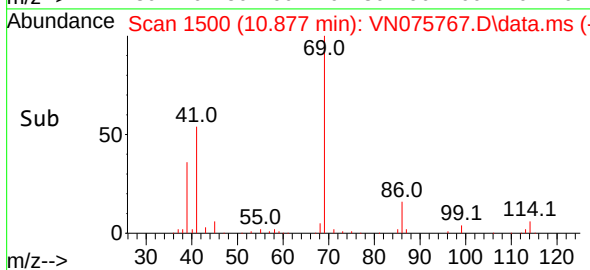
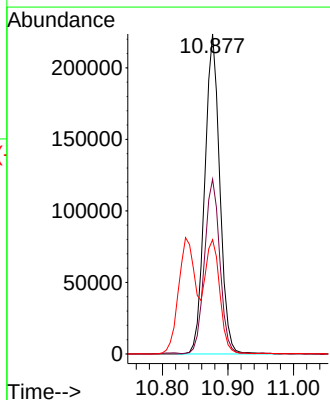
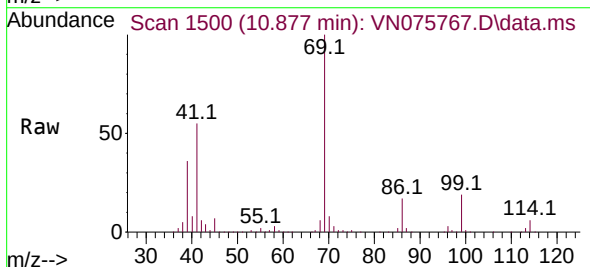
Manual Integrations
APPROVED

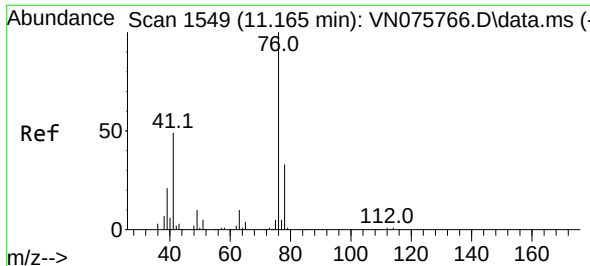
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 86.015 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

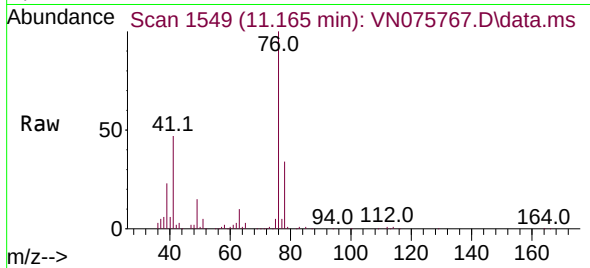
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.3	44.1	66.1
39	33.9	27.7	41.5





#57
1,3-Dichloropropane
Concen: 79.597 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

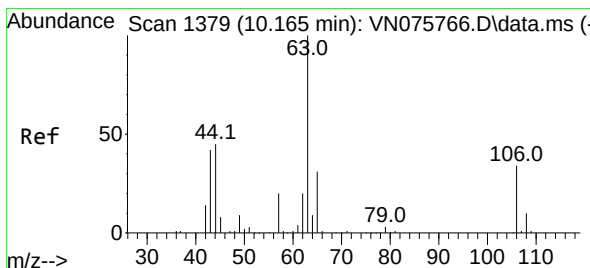
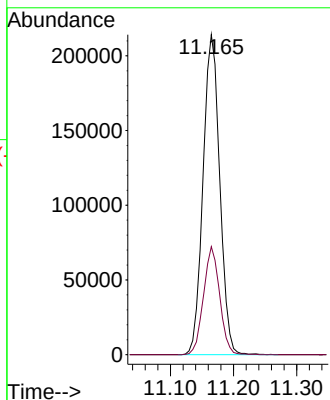
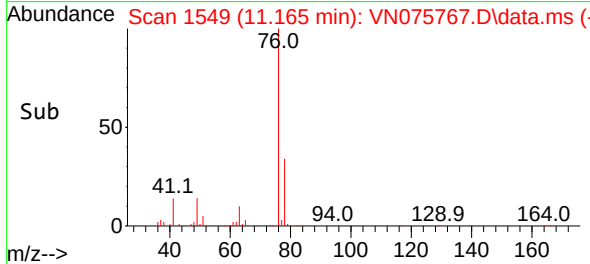
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



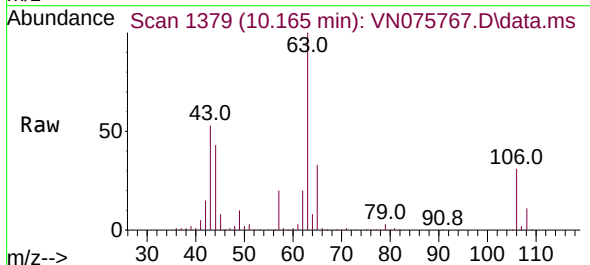
Tgt Ion: 76 Resp: 39398
Ion Ratio Lower Upper
76 100
78 32.6 26.8 40.2

Manual Integrations
APPROVED

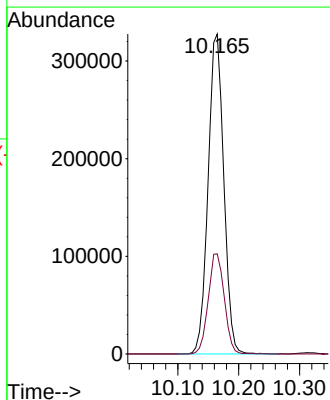
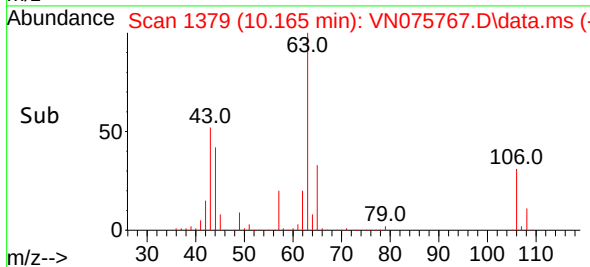
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

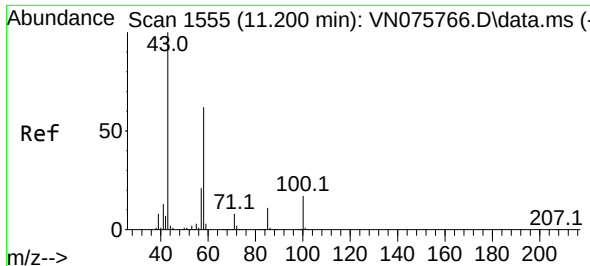


#58
2-Chloroethyl Vinyl ether
Concen: 477.841 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



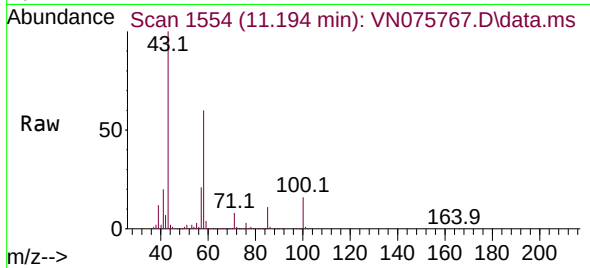
Tgt Ion: 63 Resp: 585430
Ion Ratio Lower Upper
63 100
106 32.1 26.6 40.0





#59
2-Hexanone
Concen: 411.272 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

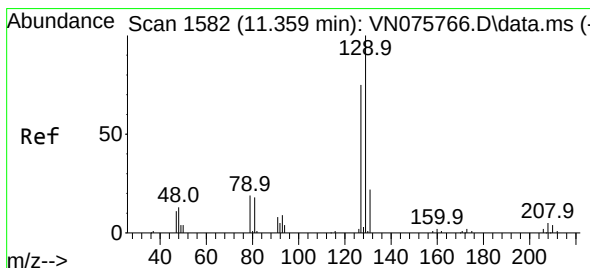
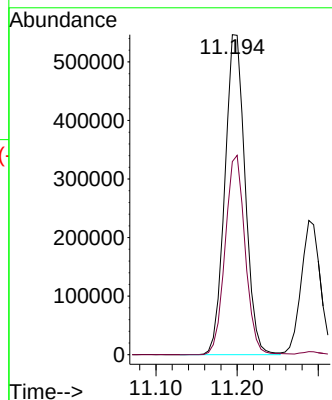
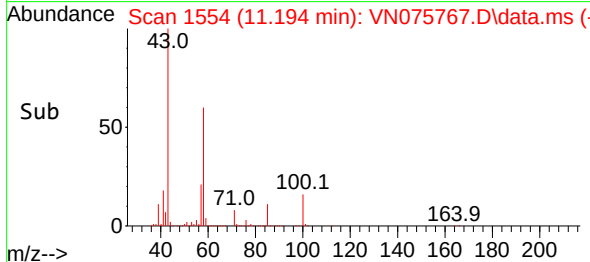
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 948210
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

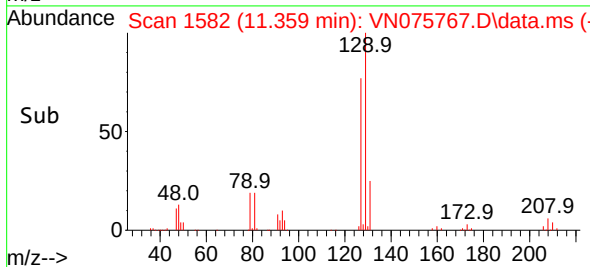
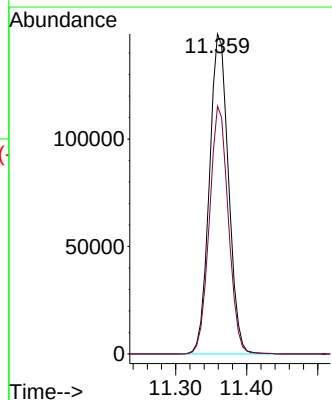
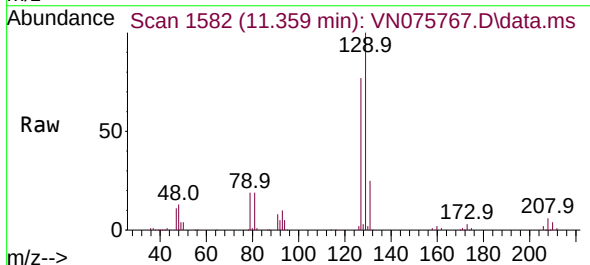
Manual Integrations
APPROVED

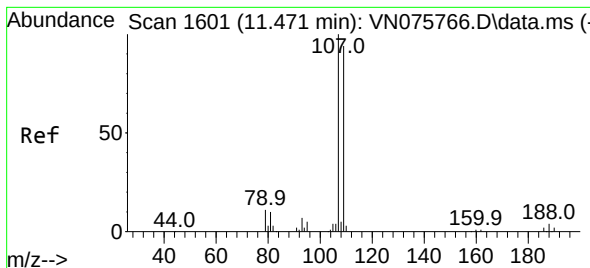
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 82.297 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

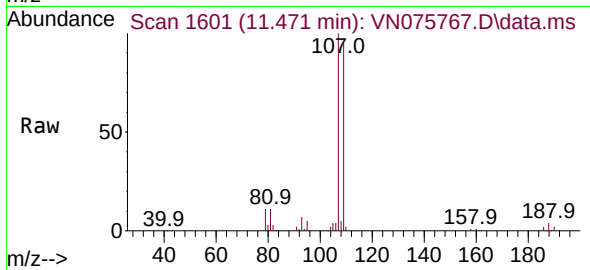
Tgt Ion:129 Resp: 277322
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 78.756 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

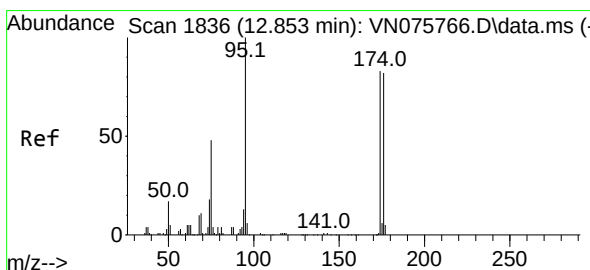
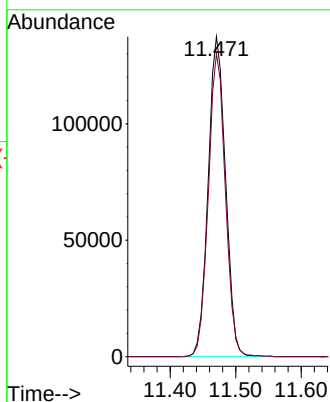
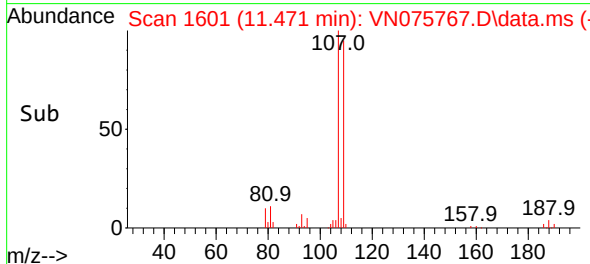
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



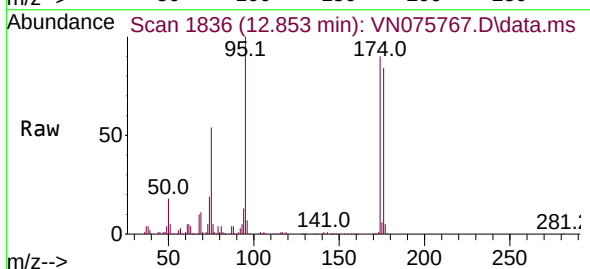
Tgt Ion:107 Resp: 252678
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2

Manual Integrations
APPROVED

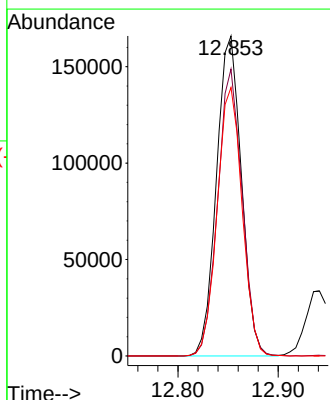
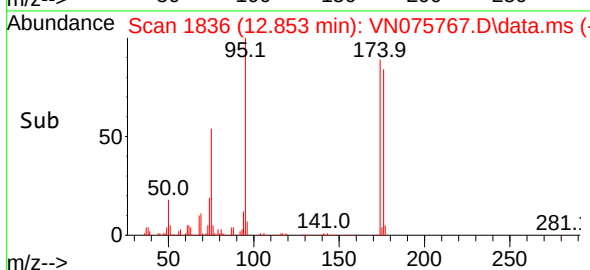
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

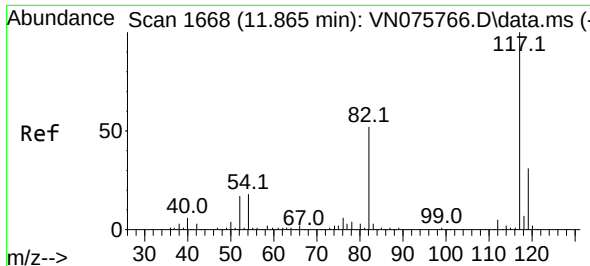


#62
4-Bromofluorobenzene
Concen: 76.982 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



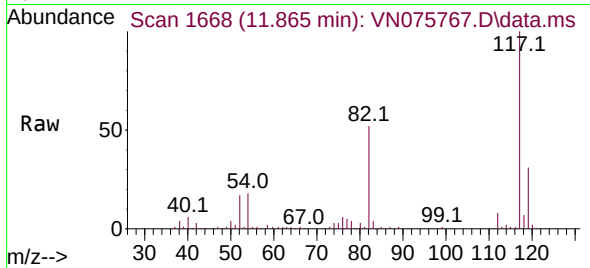
Tgt Ion: 95 Resp: 285824
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.6
176 84.1 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

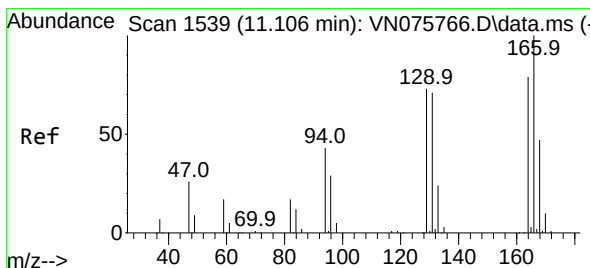
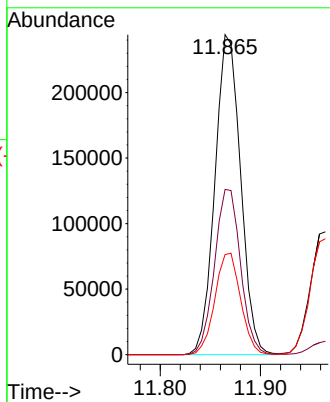
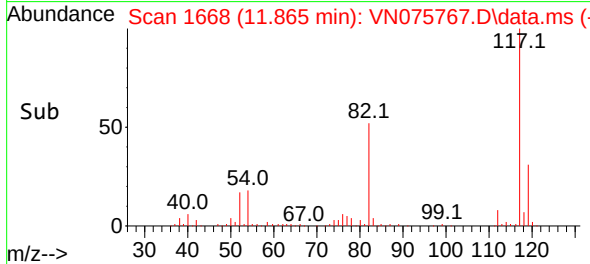
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 435074
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.3 25.8 38.6

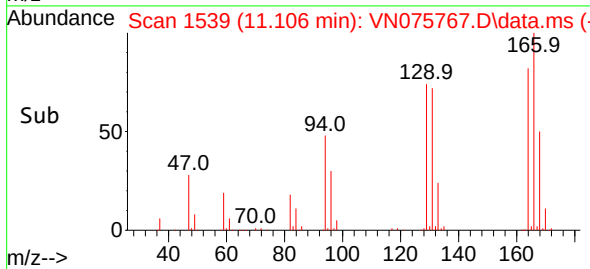
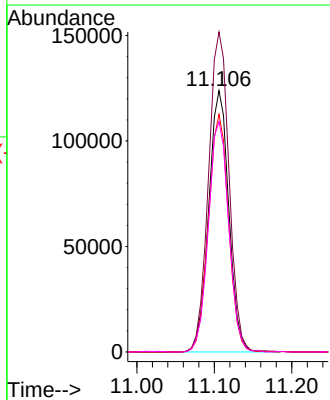
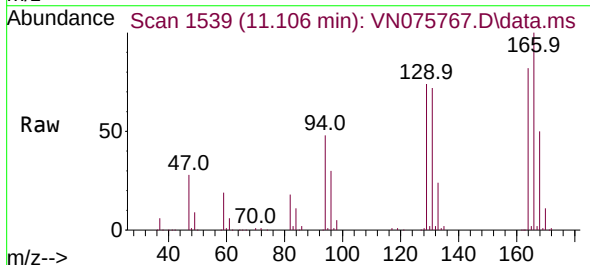
Manual Integrations
APPROVED

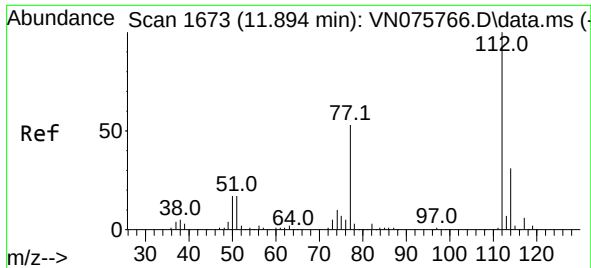
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 70.633 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion:164 Resp: 223842
Ion Ratio Lower Upper
164 100
166 122.4 100.3 150.5
129 90.9 73.9 110.9
131 88.1 68.8 103.2





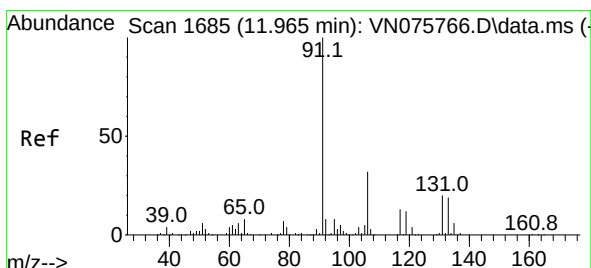
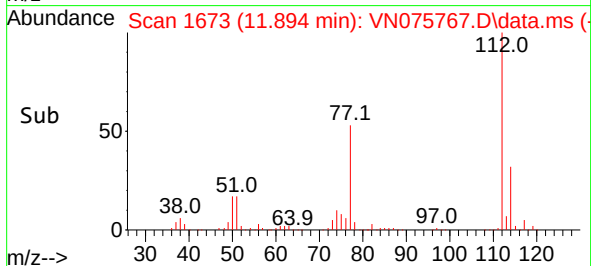
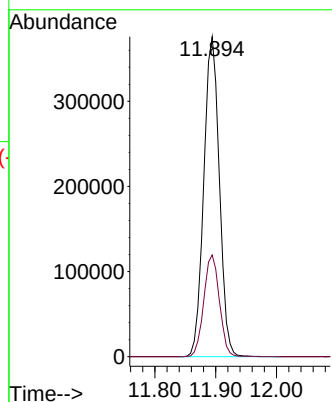
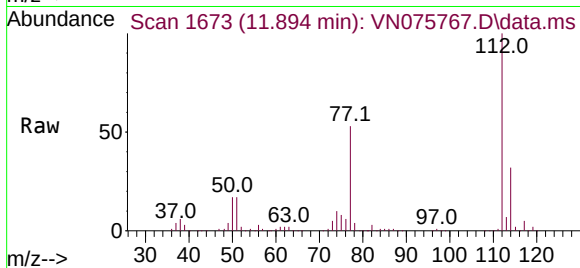
#65
Chlorobenzene
Concen: 74.678 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:112 Resp: 668494
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

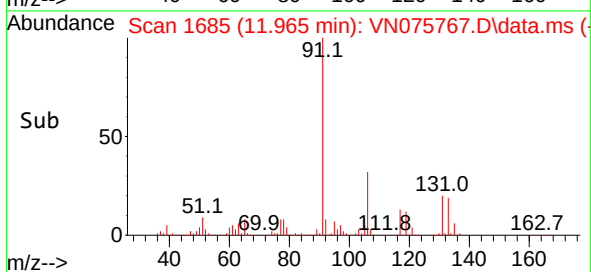
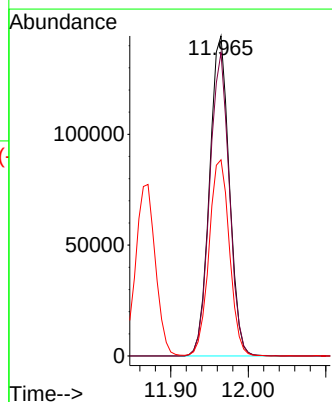
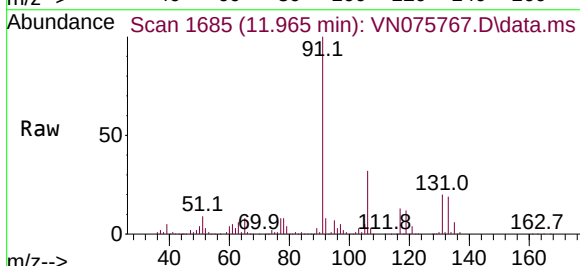
Manual Integrations
APPROVED

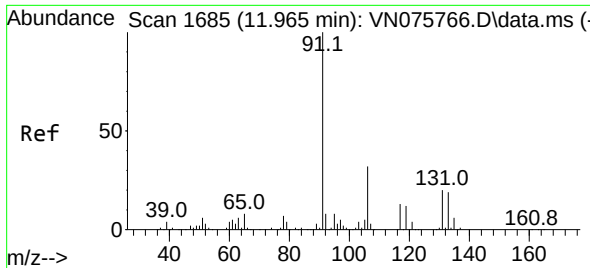
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 78.402 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion:131 Resp: 255346
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 63.6 32.5 97.4





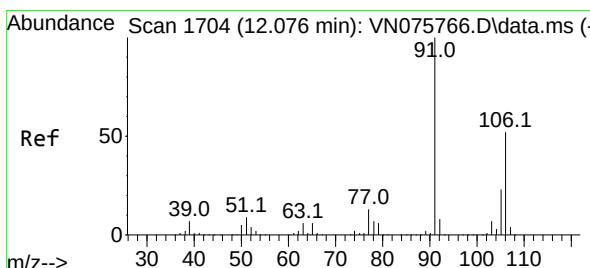
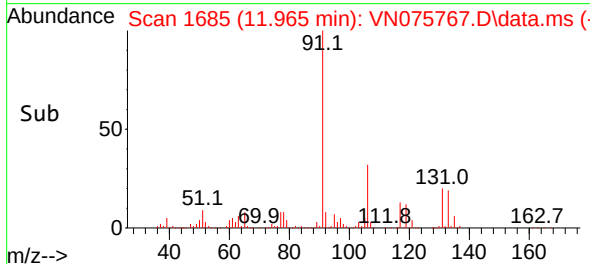
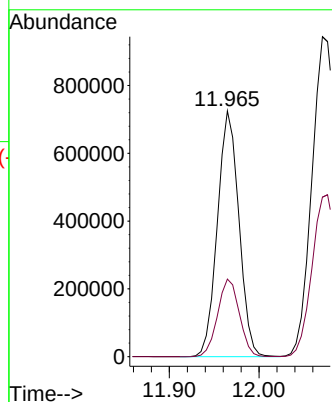
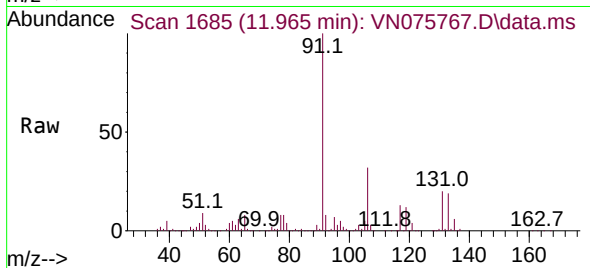
#67
Ethyl Benzene
Concen: 79.652 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 120622
Ion Ratio Lower Upper
91 100
106 31.6 26.9 40.3

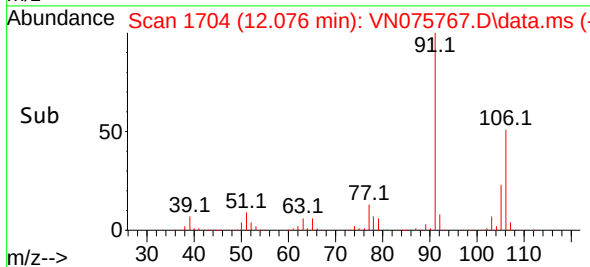
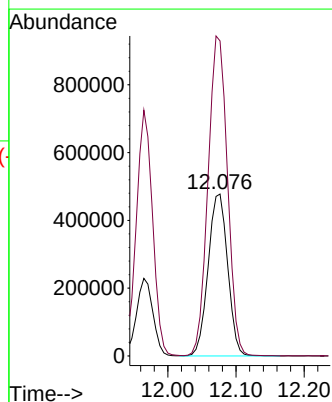
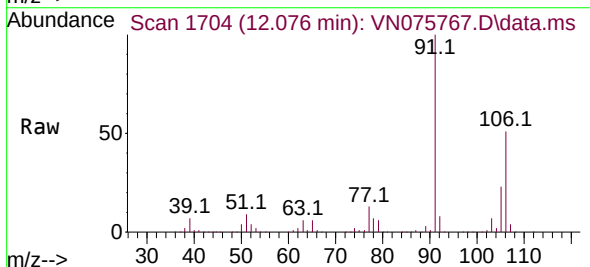
Manual Integrations
APPROVED

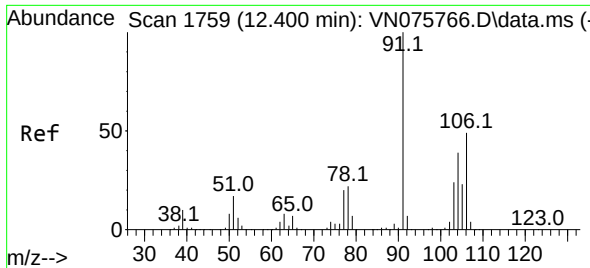
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 155.525 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion:106 Resp: 951653
Ion Ratio Lower Upper
106 100
91 196.7 156.2 234.4





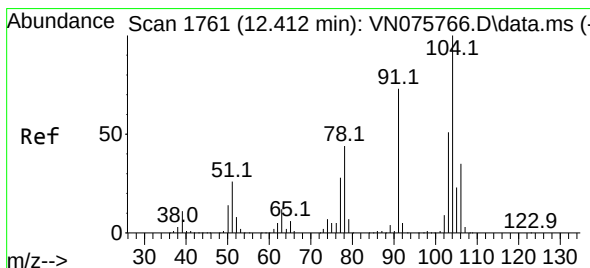
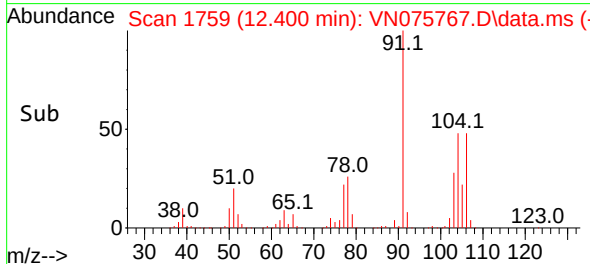
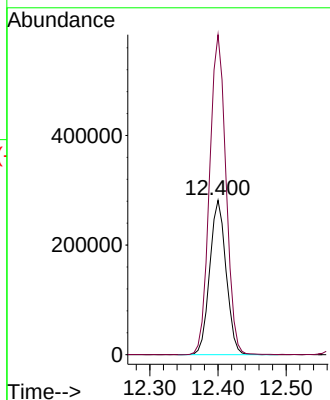
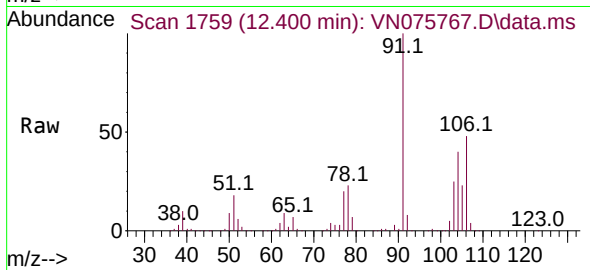
#69
o-Xylene
Concen: 79.286 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 470780
Ion Ratio Lower Upper
106 100
91 208.2 102.8 308.5

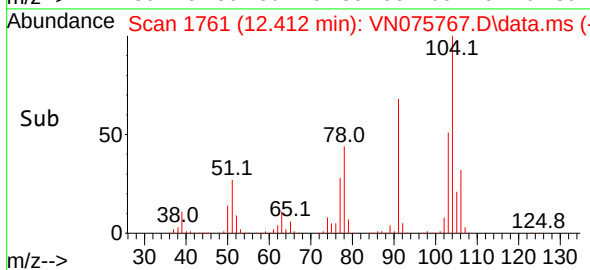
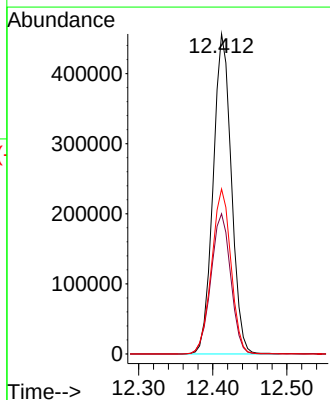
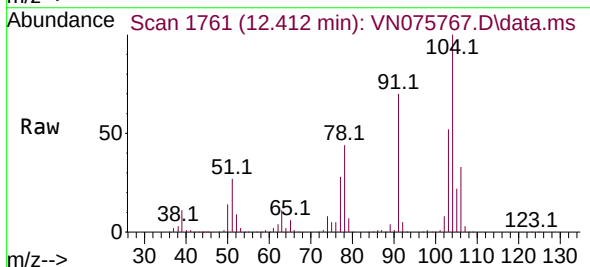
Manual Integrations
APPROVED

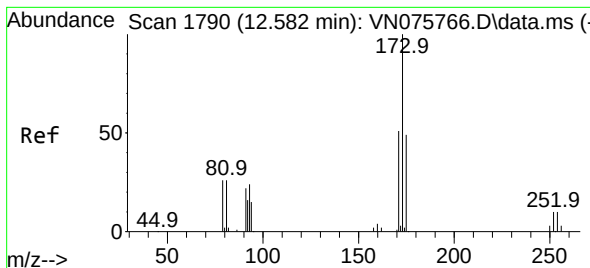
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 81.885 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion:104 Resp: 779819
Ion Ratio Lower Upper
104 100
78 47.5 36.7 55.1
103 54.7 44.0 66.0





#71

Bromoform

Concen: 81.926 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:173 Resp: 202250

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.2

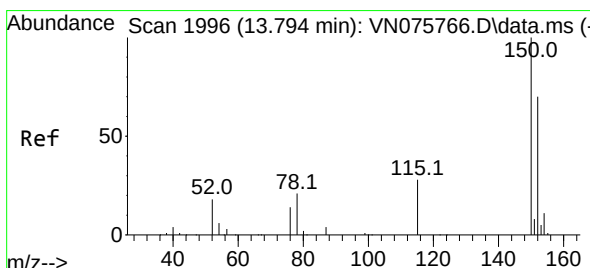
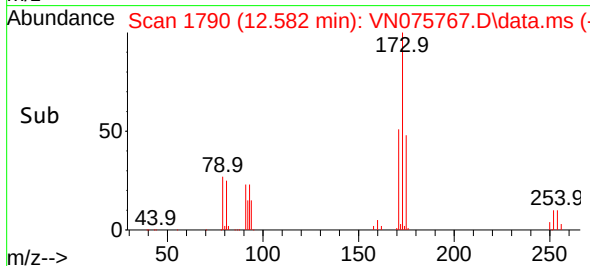
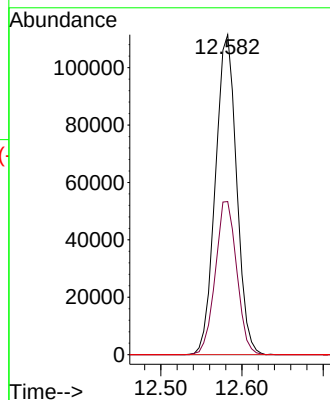
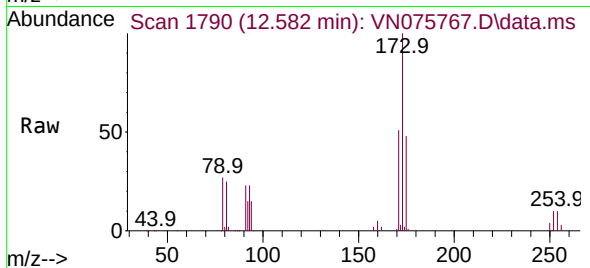
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

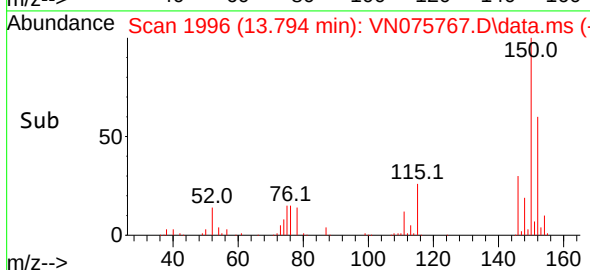
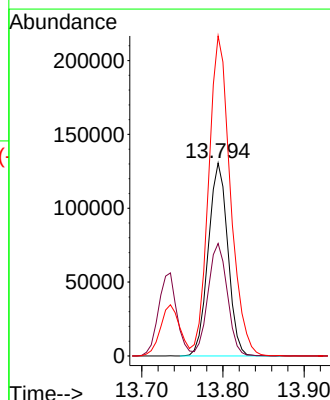
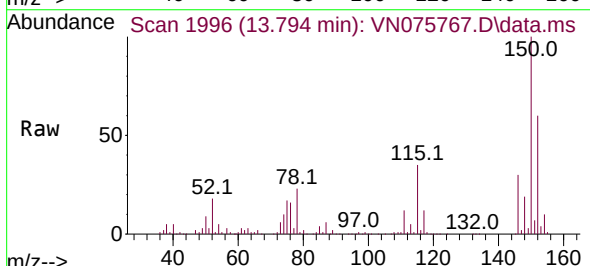
Tgt Ion:152 Resp: 218087

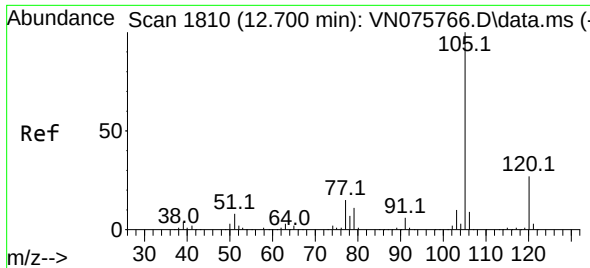
Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.2

150 185.2 0.0 347.6





#73
Isopropylbenzene
Concen: 78.199 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

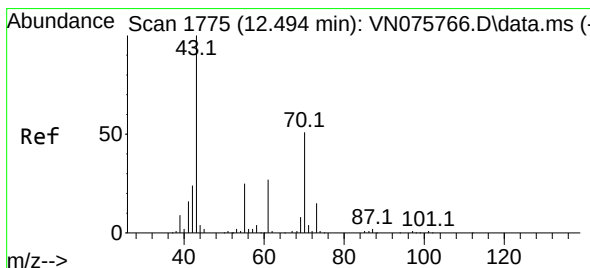
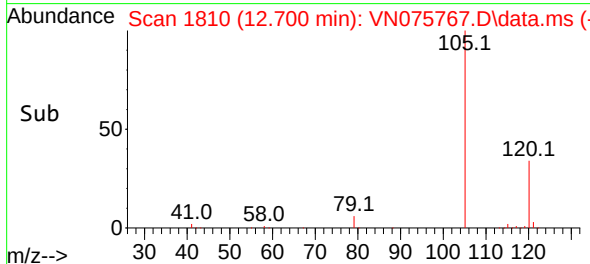
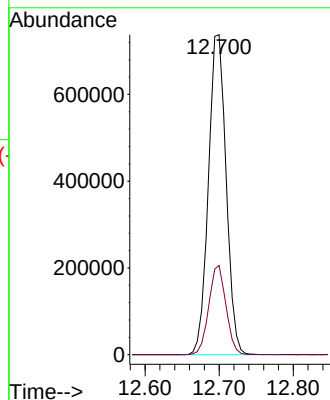
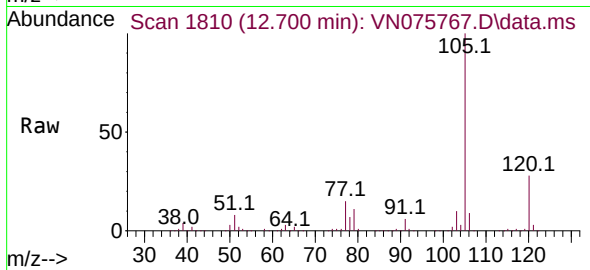
VSTDIC075

Tgt Ion:105 Resp: 1224510
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations

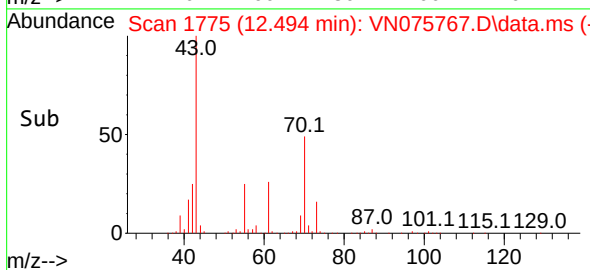
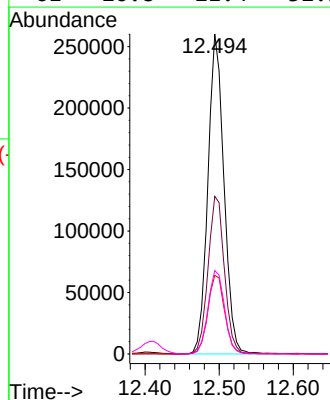
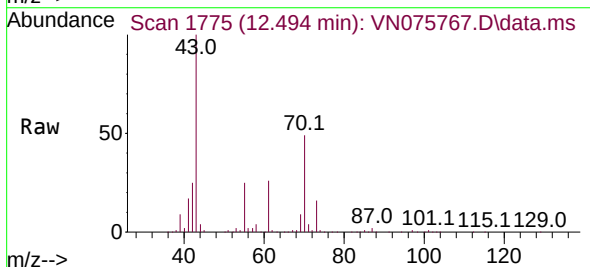
APPROVED

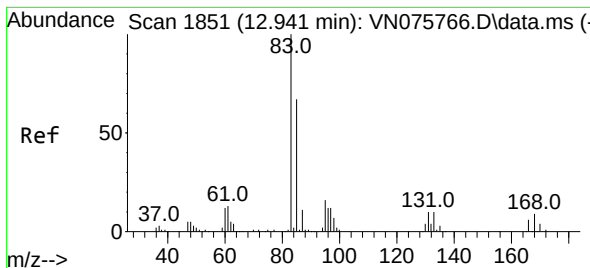
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 86.152 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

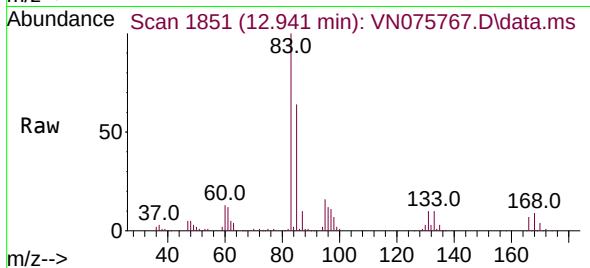
Tgt Ion: 43 Resp: 391975
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.6
55 25.8 20.7 31.1
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 74.429 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

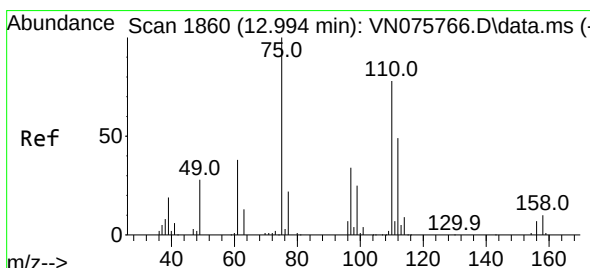
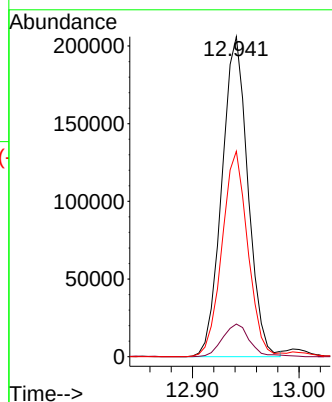
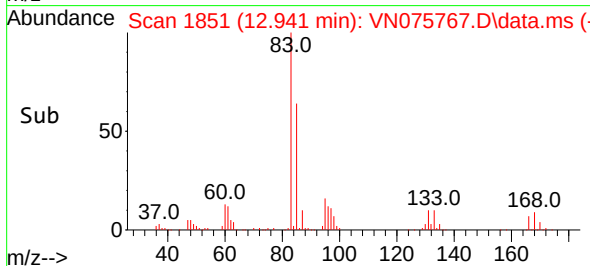
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



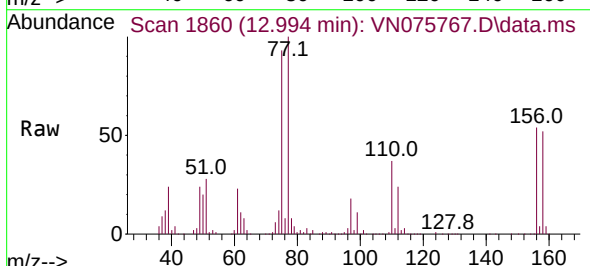
Tgt Ion: 83 Resp: 35010
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 63.8 32.6 97.7

Manual Integrations
APPROVED

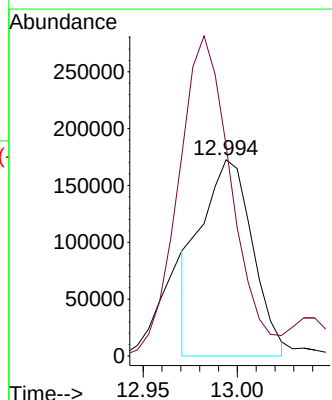
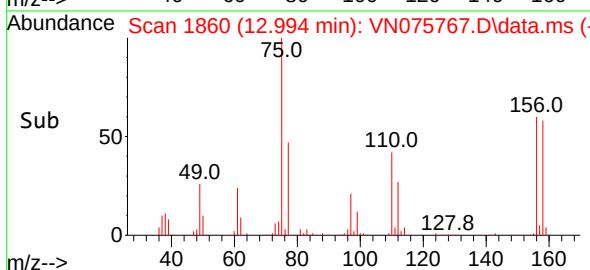
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

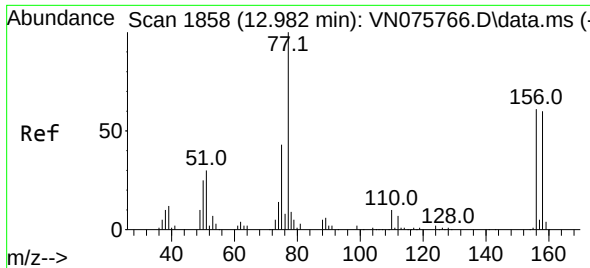


#76
1,2,3-Trichloropropane
Concen: 75.440 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



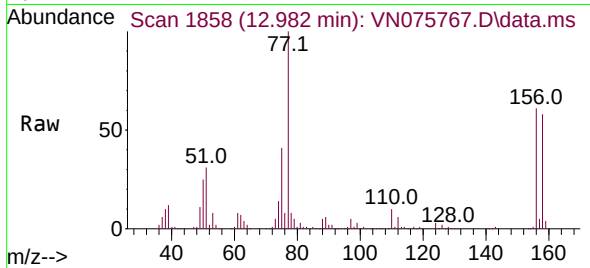
Tgt Ion: 75 Resp: 330405
Ion Ratio Lower Upper
75 100
77 167.6 81.8 245.4





#77
Bromobenzene
Concen: 74.402 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

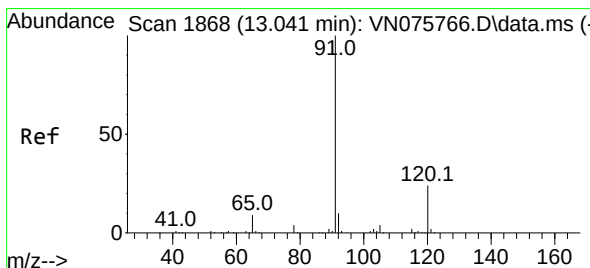
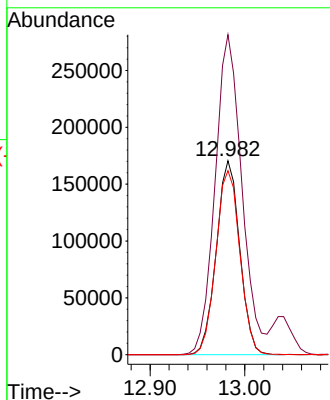
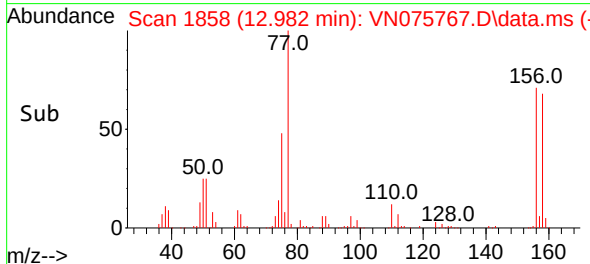
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:156 Resp: 292992
Ion Ratio Lower Upper
156 100
77 189.0 90.8 272.5
158 97.3 49.3 147.8

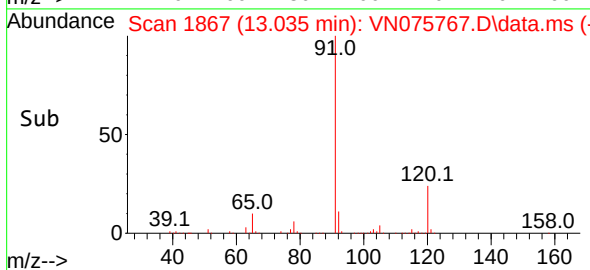
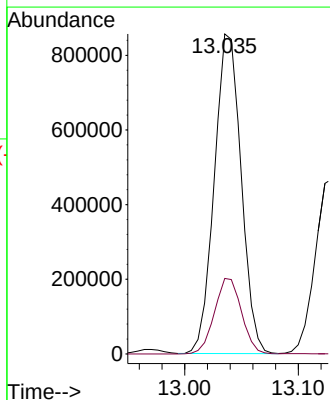
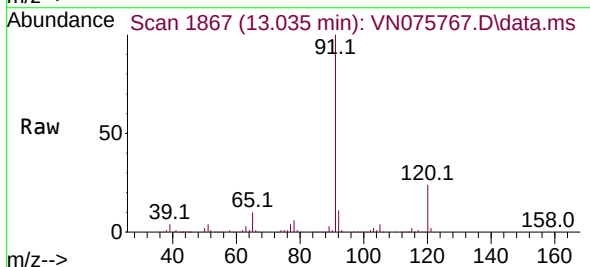
Manual Integrations
APPROVED

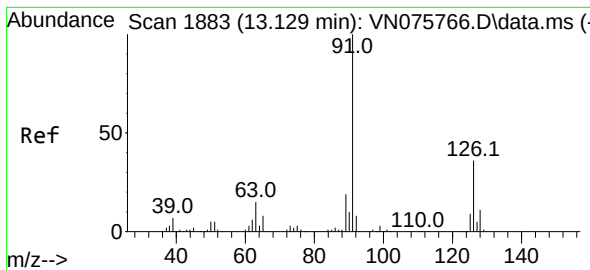
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 80.899 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 91 Resp: 1405706
Ion Ratio Lower Upper
91 100
120 23.8 12.1 36.3





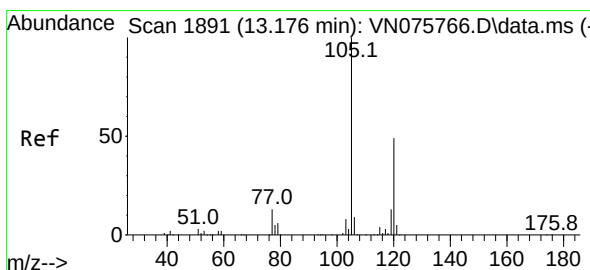
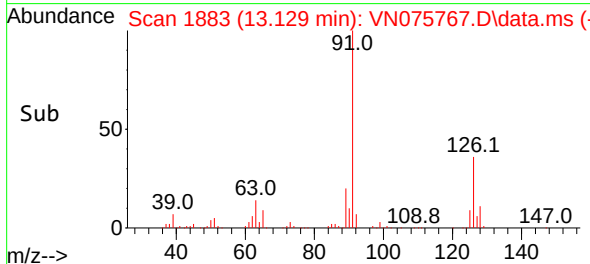
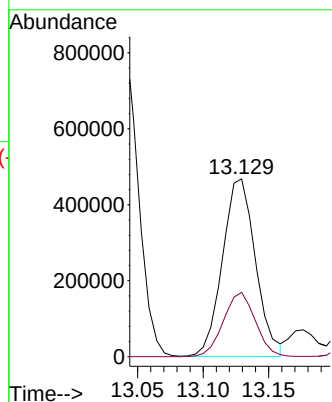
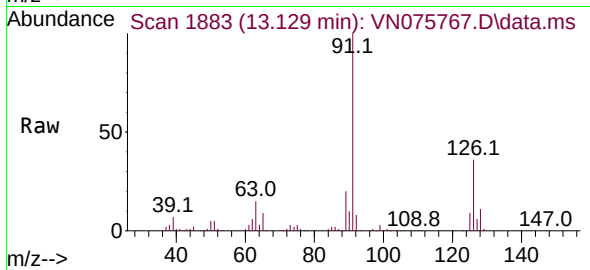
#79
2-Chlorotoluene
Concen: 76.398 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 81956
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4

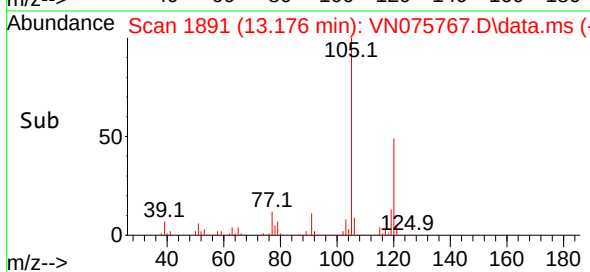
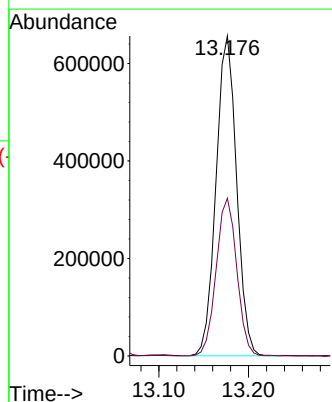
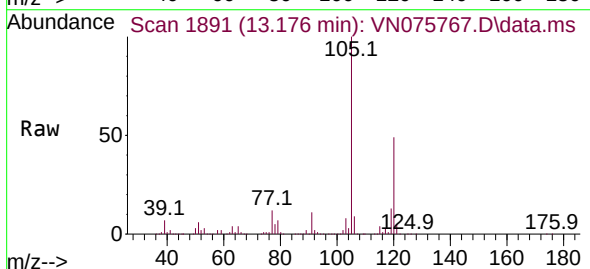
Manual Integrations
APPROVED

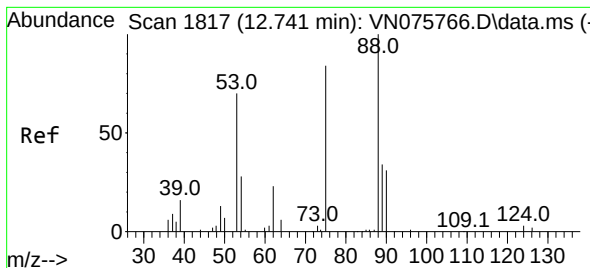
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 79.626 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

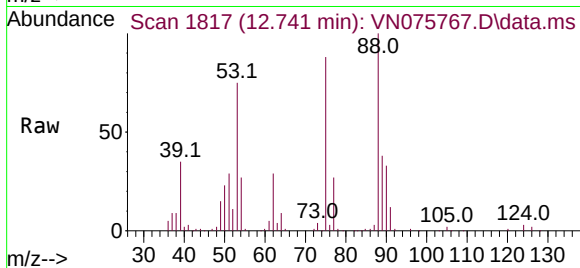
Tgt Ion:105 Resp: 1042441
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 92.132 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

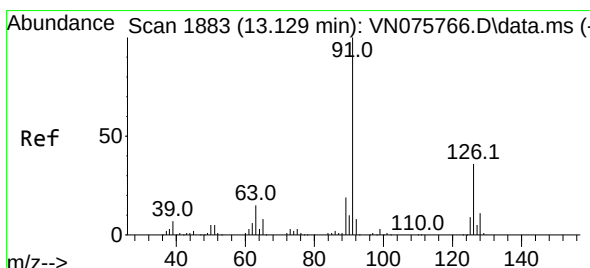
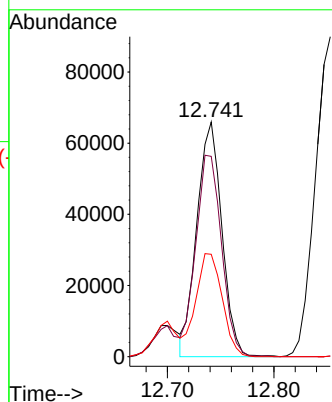
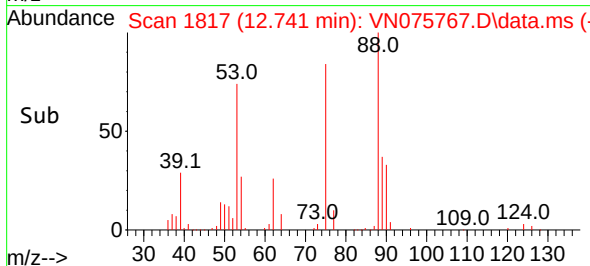
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 10780
Ion Ratio Lower Upper
75 100
53 88.9 72.4 108.6
89 46.7 36.6 55.0

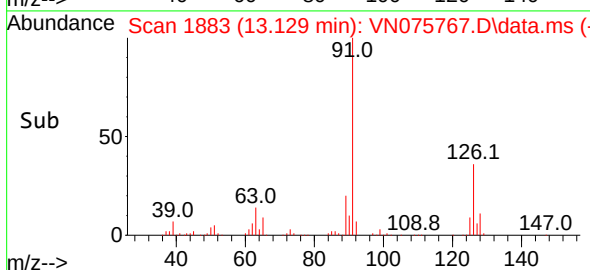
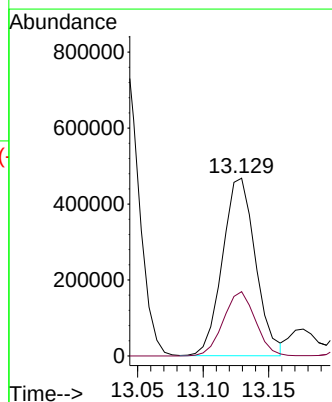
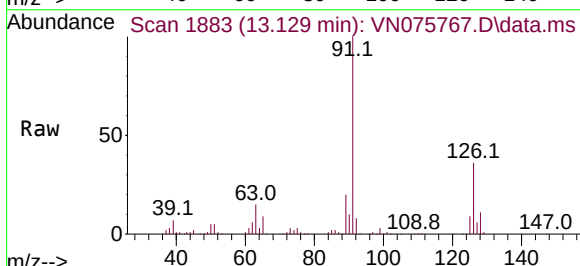
Manual Integrations
APPROVED

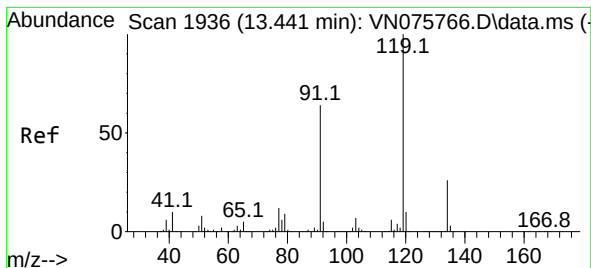
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 76.398 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 91 Resp: 819561
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.4





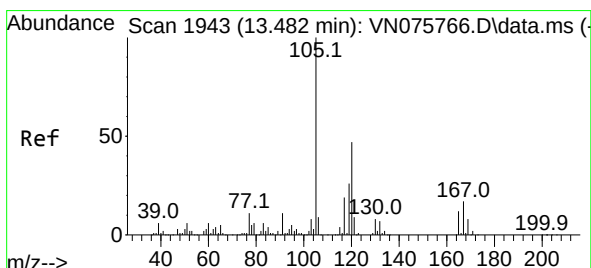
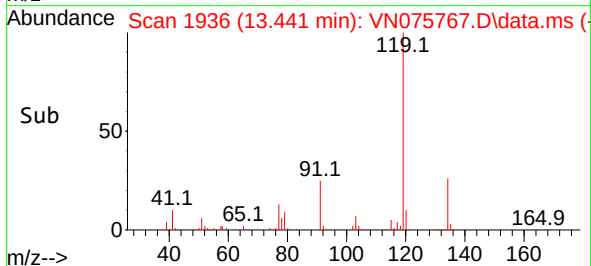
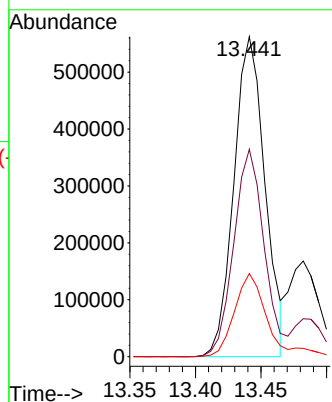
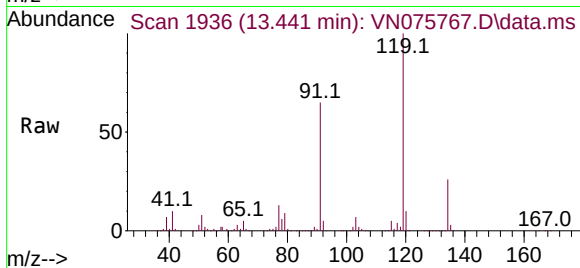
#83
tert-Butylbenzene
Concen: 78.047 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:119 Resp: 926589
Ion Ratio Lower Upper
119 100
91 64.1 31.9 95.9
134 27.4 13.9 41.7

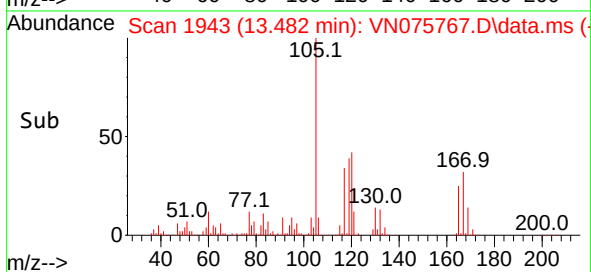
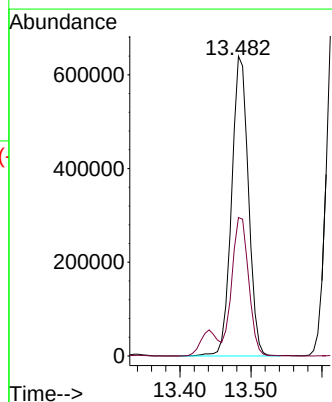
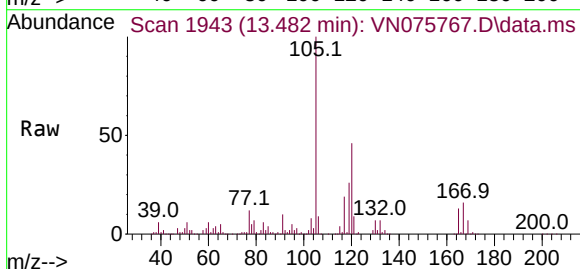
Manual Integrations
APPROVED

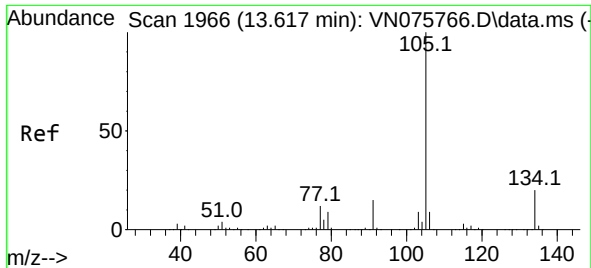
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 79.918 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

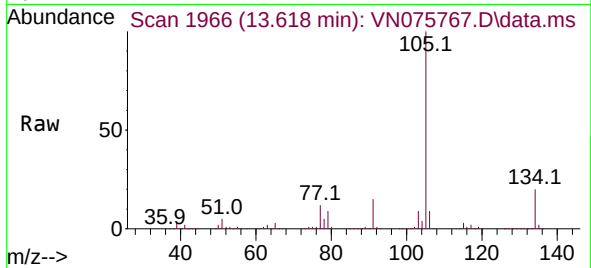
Tgt Ion:105 Resp: 1051567
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 81.730 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32

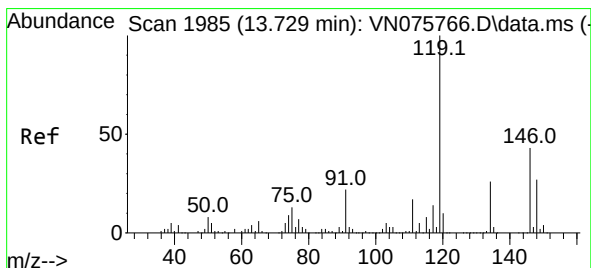
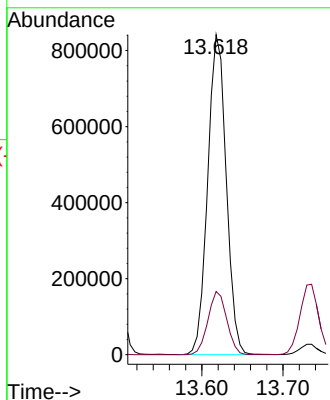
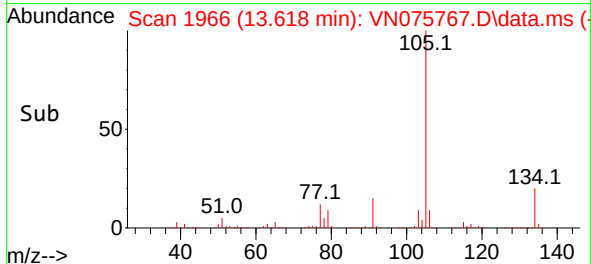
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



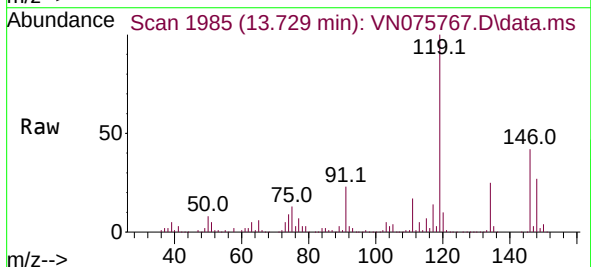
Tgt Ion:105 Resp: 1333949
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
 APPROVED

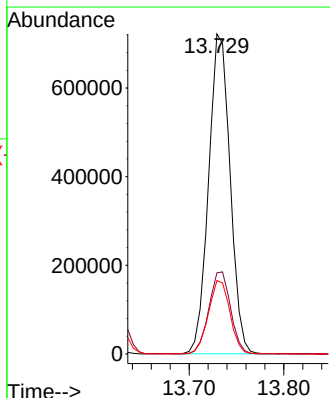
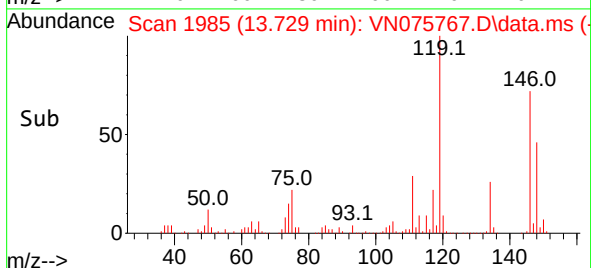
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

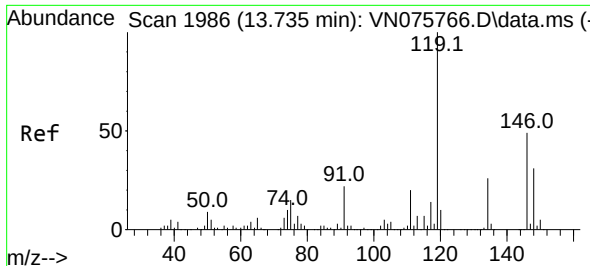


#86
 p-Isopropyltoluene
 Concen: 83.357 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075767.D
 Acq: 14 Dec 2022 12:32



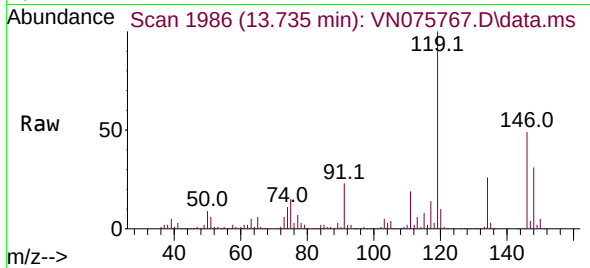
Tgt Ion:119 Resp: 1138356
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 22.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 77.486 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

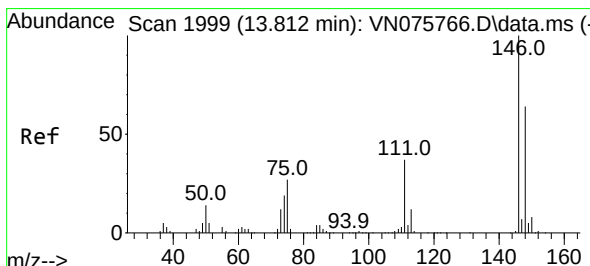
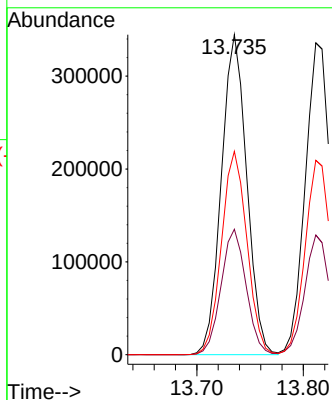
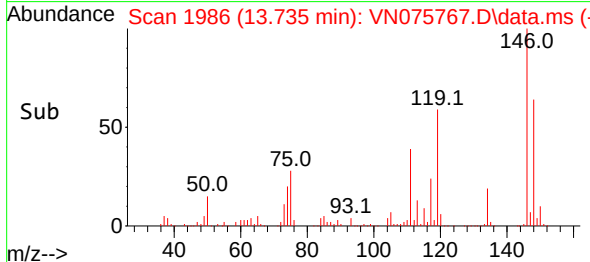
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



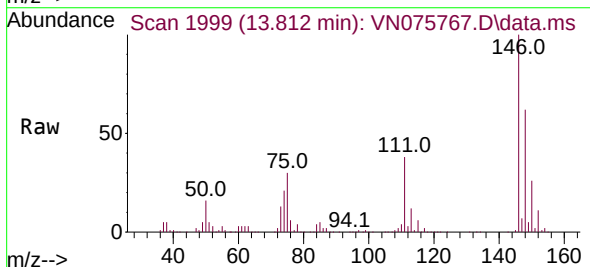
Tgt Ion:146 Resp: 57064
Ion Ratio Lower Upper
146 100
111 38.8 19.8 59.3
148 63.8 32.1 96.3

Manual Integrations
APPROVED

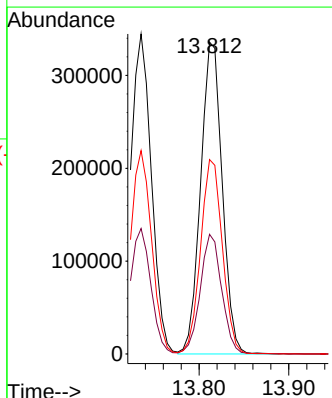
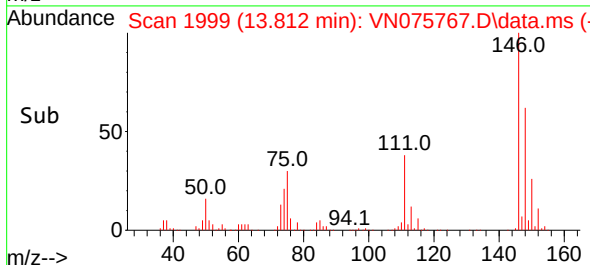
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

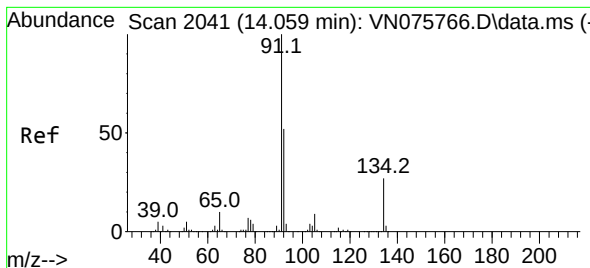


#88
1,4-Dichlorobenzene
Concen: 75.019 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion:146 Resp: 561966
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.0 32.1 96.3





#89

n-Butylbenzene

Concen: 87.916 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

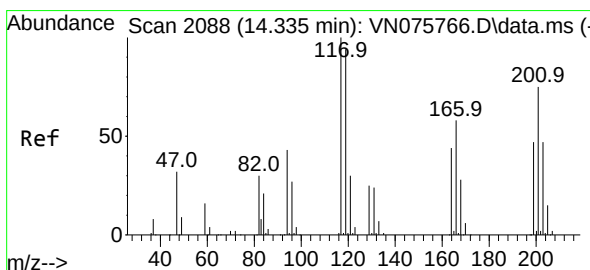
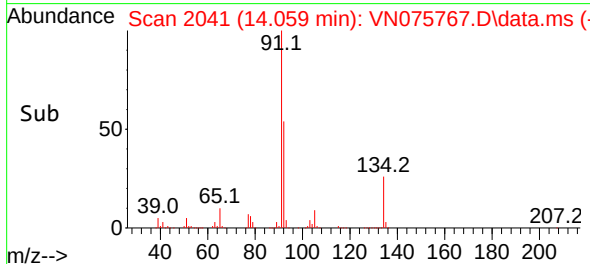
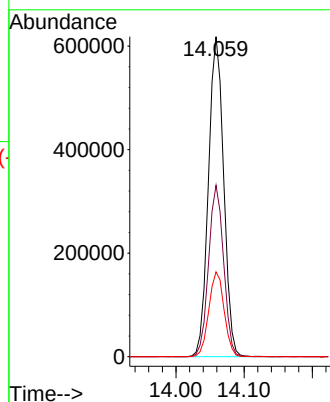
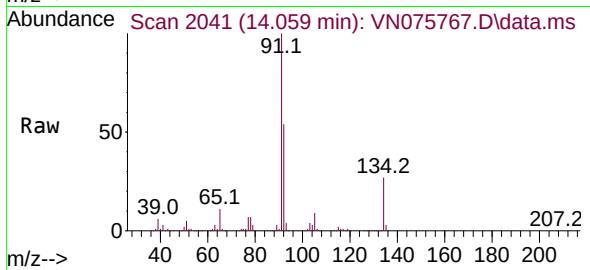
Tgt Ion:	91	Resp:	96229
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.7	80.1
134	26.6	13.9	41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#90

Hexachloroethane

Concen: 85.739 ug/l

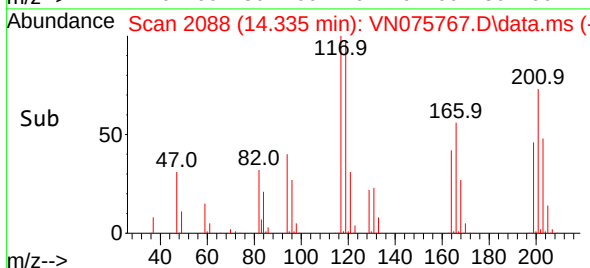
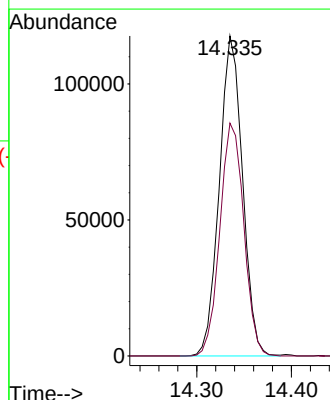
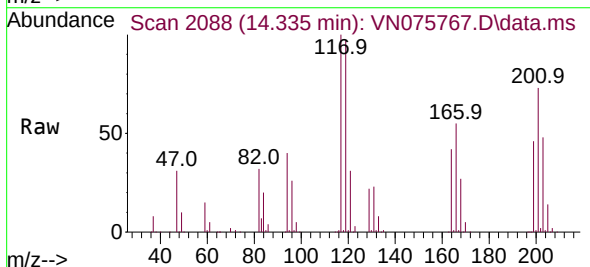
RT: 14.335 min Scan# 2088

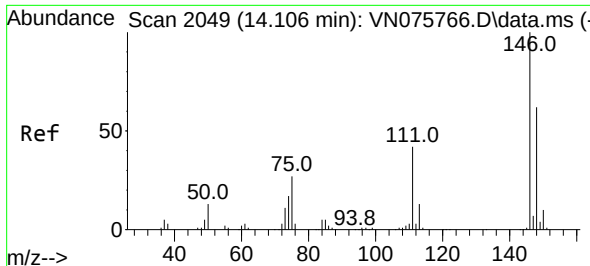
Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

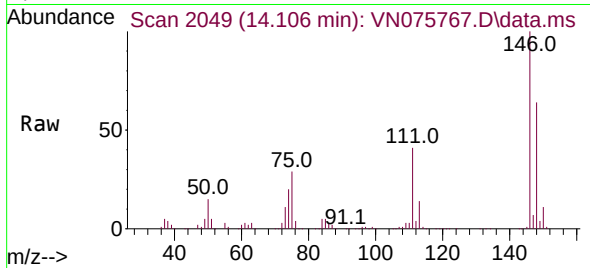
Tgt Ion:	117	Resp:	200559
Ion Ratio	Lower	Upper	
117	100		
201	75.0	39.2	117.6





#91
1,2-Dichlorobenzene
Concen: 76.461 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

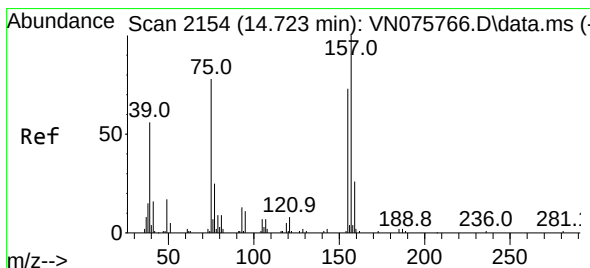
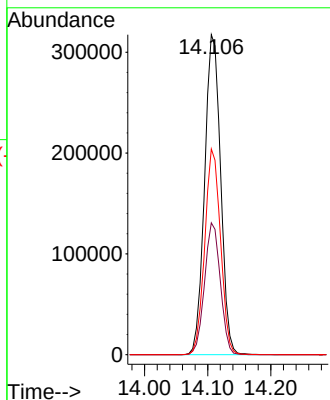
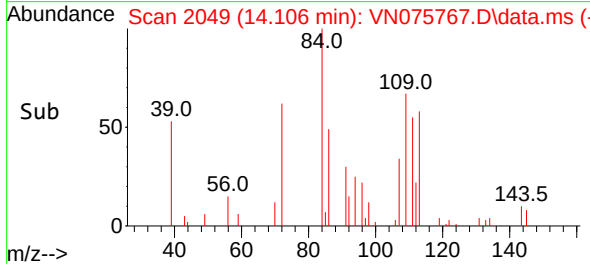
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



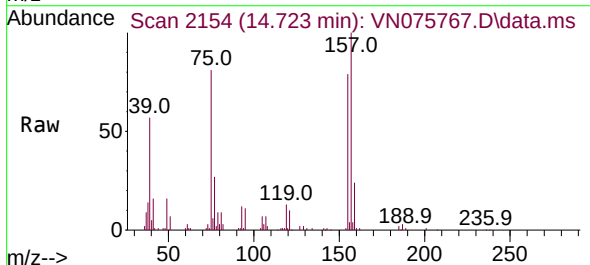
Tgt Ion:146 Resp: 560324
Ion Ratio Lower Upper
146 100
111 40.6 20.1 60.3
148 63.3 31.9 95.5

Manual Integrations
APPROVED

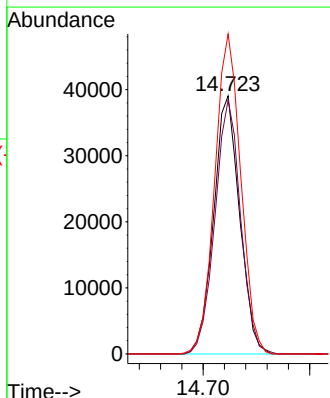
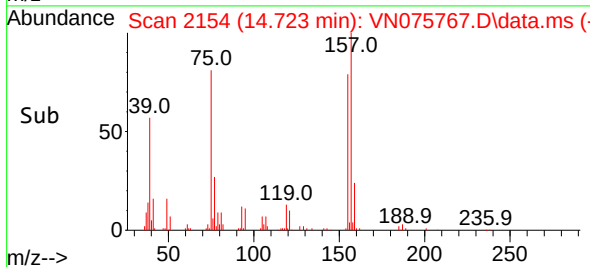
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

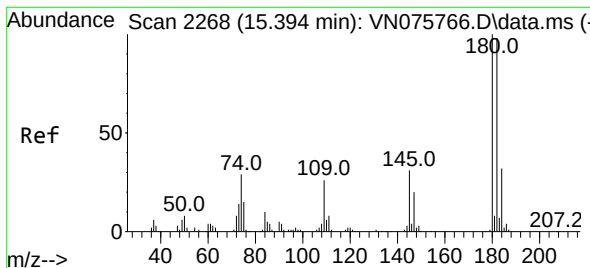


#92
1,2-Dibromo-3-Chloropropane
Concen: 85.309 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion: 75 Resp: 65940
Ion Ratio Lower Upper
75 100
155 97.3 48.4 145.2
157 124.3 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 87.810 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:180 Resp: 30894

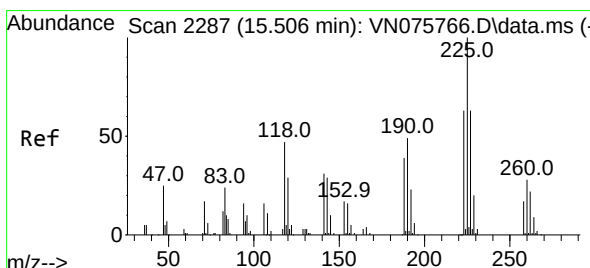
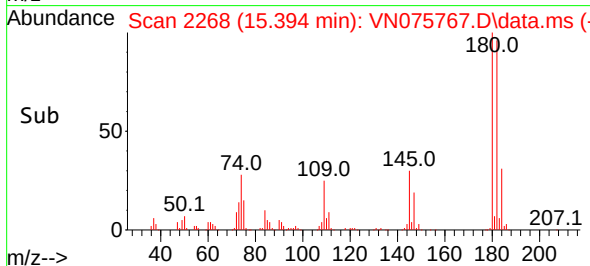
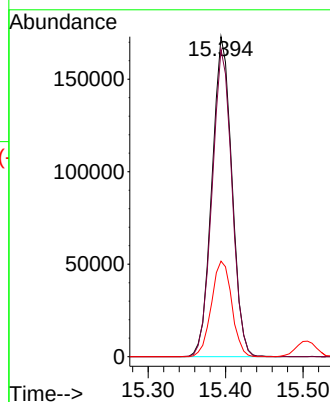
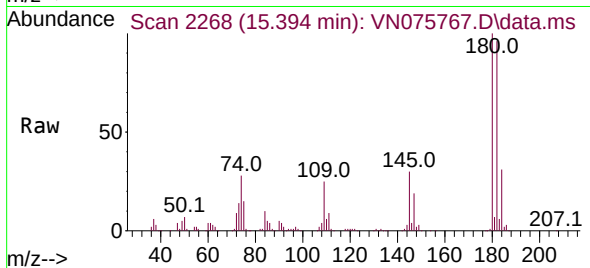
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	30.5	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 79.451 ug/l

RT: 15.506 min Scan# 2287

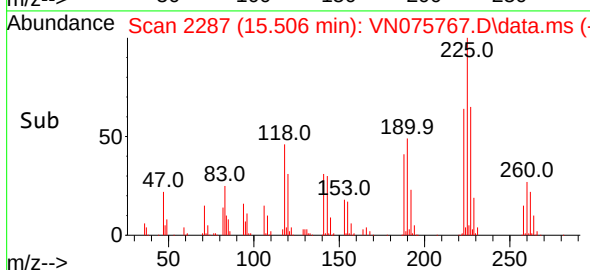
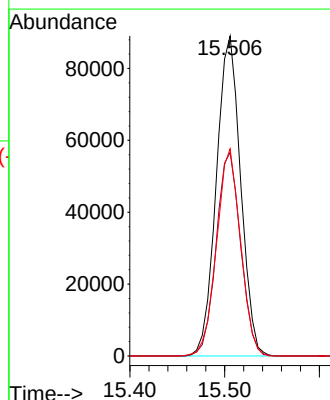
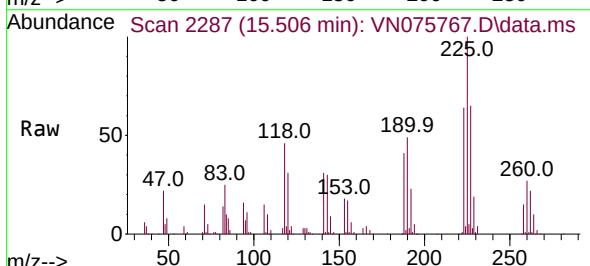
Delta R.T. 0.000 min

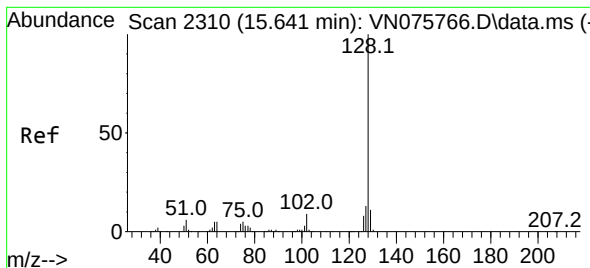
Lab File: VN075767.D

Acq: 14 Dec 2022 12:32

Tgt Ion:225 Resp: 158601

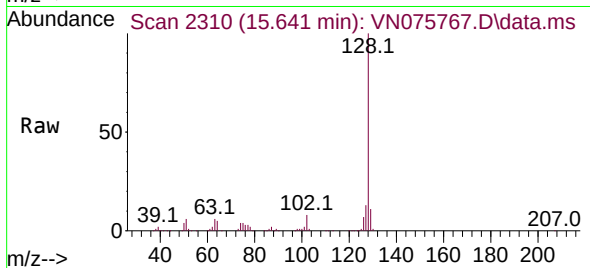
Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.4	94.2
227	63.8	31.3	93.9





#95
Naphthalene
Concen: 88.855 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32

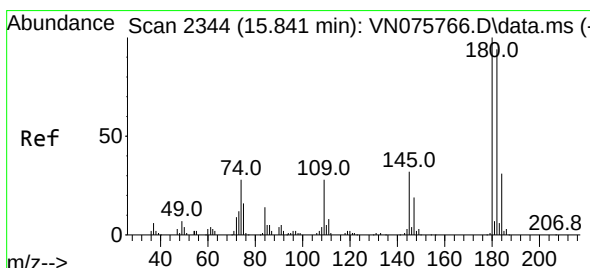
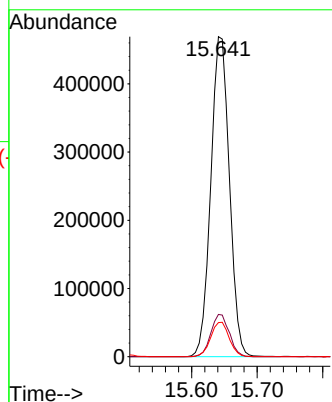
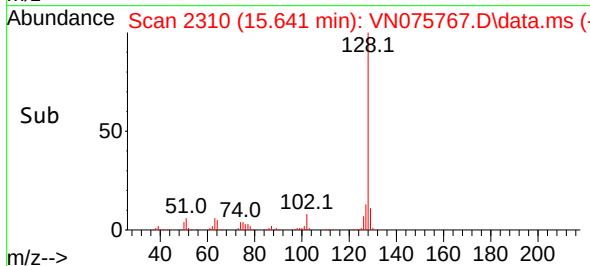
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



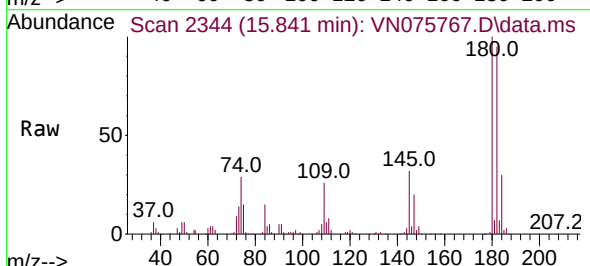
Tgt Ion:128 Resp: 92396
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 86.179 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075767.D
Acq: 14 Dec 2022 12:32



Tgt Ion:180 Resp: 297931
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.4
145 31.8 15.6 46.8

