

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071483.D
 Acq On : 22 Mar 2022 22:59
 Operator : JC\MD
 Sample : VN0322WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 23 07:12:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

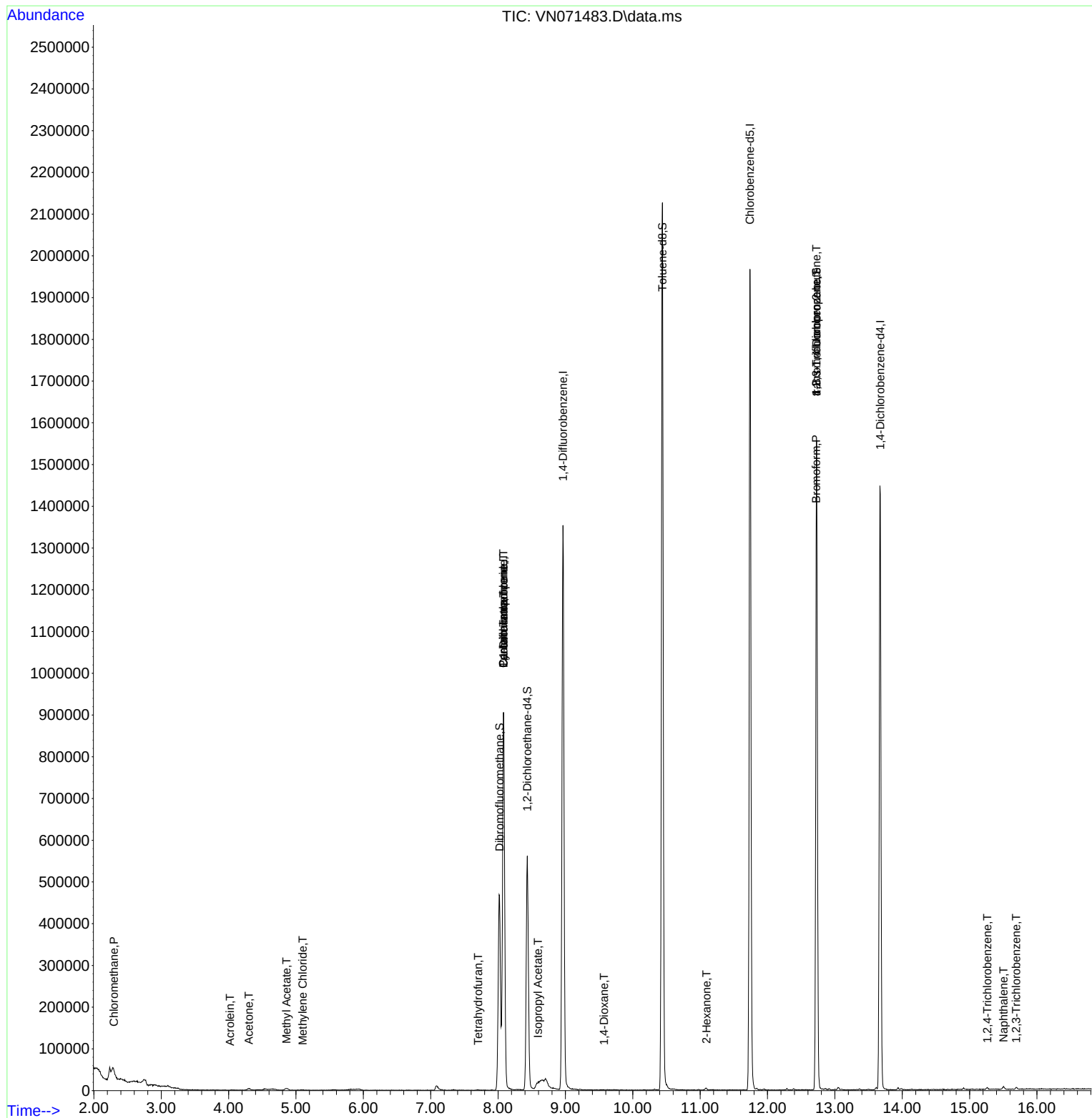
Internal Standards						
1) Pentafluorobenzene	8.080	168	682287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1177816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1128148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	406868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	457648	48.941	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.880%
35) Dibromofluoromethane	8.022	113	342566	46.091	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.180%
50) Toluene-d8	10.439	98	1454290	48.598	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.727	95	532797	52.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	4333	0.397	ug/l #	77
5) Bromomethane	2.840	94	1575	Below Cal	#	77
13) Acrolein	4.022	56	831	0.427	ug/l #	14
16) Acetone	4.298	43	4504	0.990	ug/l #	89
18) Methyl Acetate	4.857	43	10360	1.310	ug/l #	90
20) Methylene Chloride	5.098	84	431	0.433	ug/l #	83
29) Tetrahydrofuran	7.704	42	1072	0.211	ug/l #	68
31) Cyclohexane	8.080	56	14699	0.984	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	54072	4.541	ug/l #	50
38) Carbon Tetrachloride	8.080	117	66897	5.808	ug/l #	16
43) Isopropyl Acetate	8.592	43	18002	0.735	ug/l #	55
49) 1,4-Dioxane	9.574	88	56	0.284	ug/l #	1
59) 2-Hexanone	11.092	43	4095	0.395	ug/l	82
71) Bromoform	12.721	173	2172	0.322	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.815	83	457	Below Cal	#	94
76) 1,2,3-Trichloropropane	12.727	75	272930	26.342	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	272930	72.514	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1876	3.254	ug/l	97
95) Naphthalene	15.504	128	6618	5.386	ug/l	97
96) 1,2,3-Trichlorobenzene	15.692	180	2223	3.061	ug/l	90

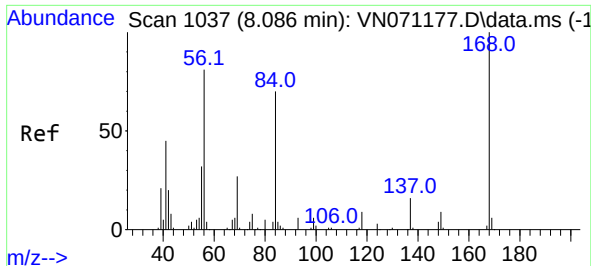
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN071483.D
Acq On : 22 Mar 2022 22:59
Operator : JC\MD
Sample : VN03222WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 23 07:12:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

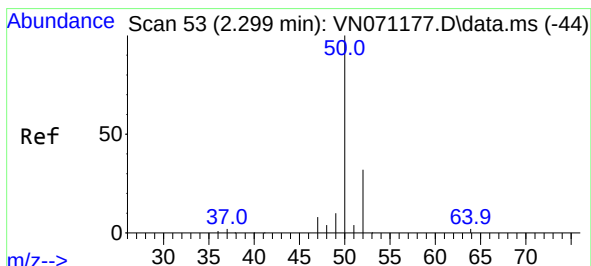
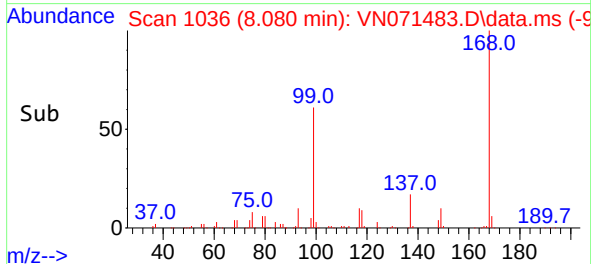
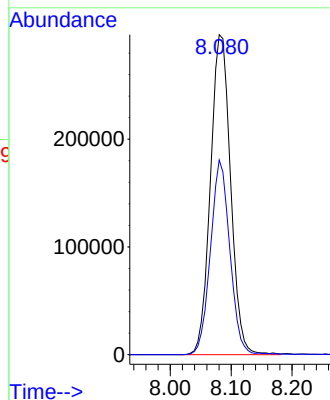
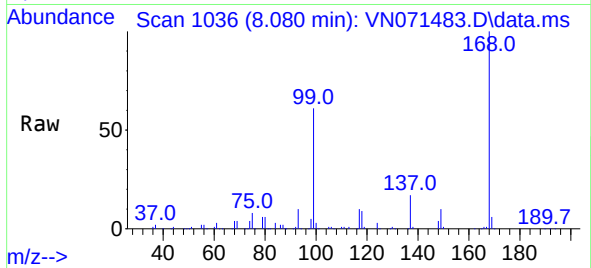




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

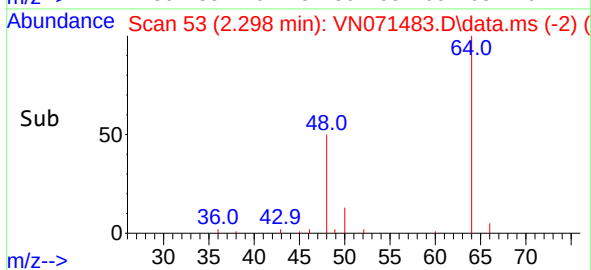
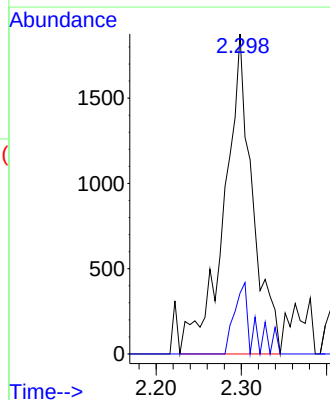
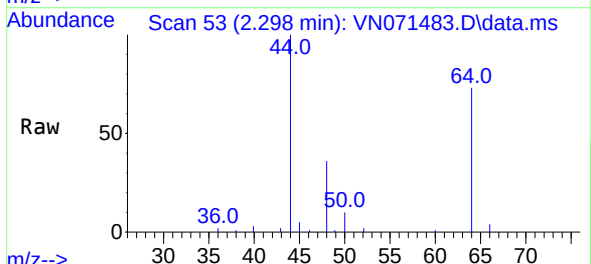
Instrument :
MSVOA_N
ClientSampleId :

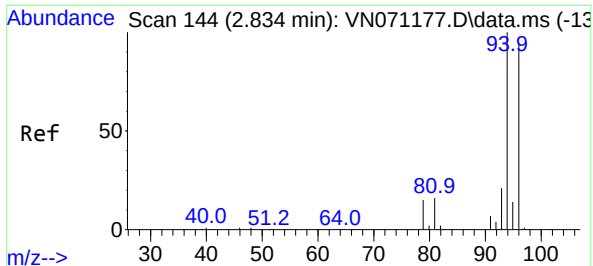
Tgt Ion:168 Resp: 682287
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#3
Chloromethane
Concen: 0.397 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.001 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 50 Resp: 4333
Ion Ratio Lower Upper
50 100
52 19.0 25.4 38.0#

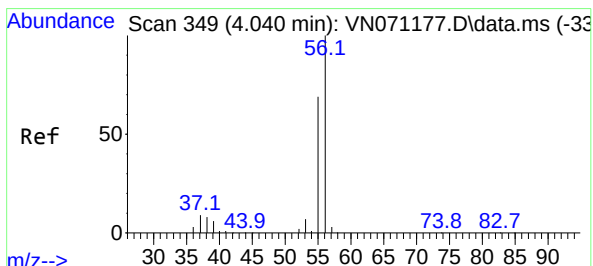
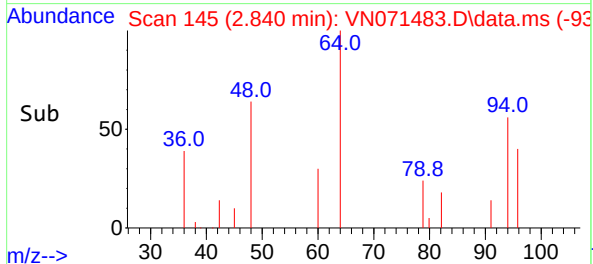
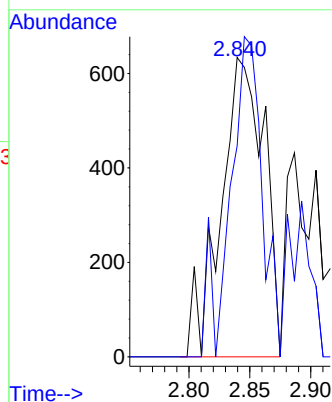
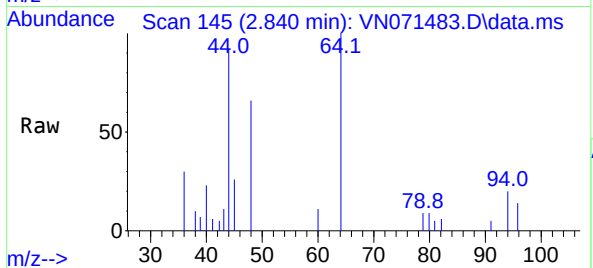




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

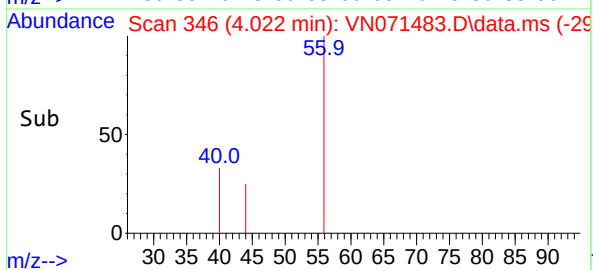
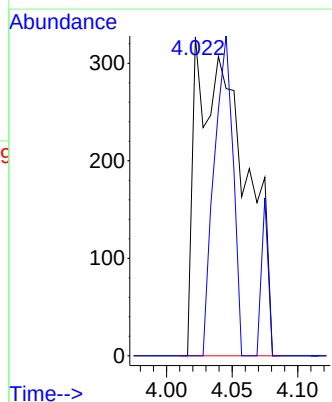
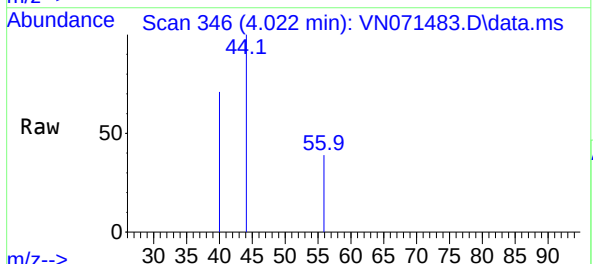
Instrument :
MSVOA_N
ClientSampleId :

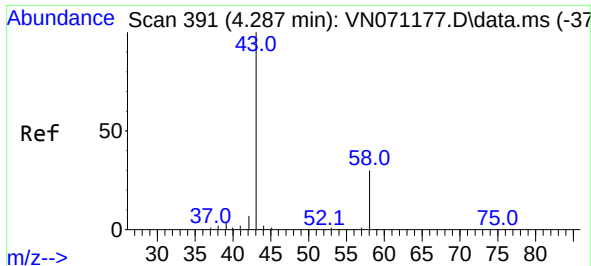
Tgt Ion: 94 Resp: 1575
Ion Ratio Lower Upper
94 100
96 70.5 73.8 110.8#



#13
Acrolein
Concen: 0.427 ug/l
RT: 4.022 min Scan# 346
Delta R.T. -0.018 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 56 Resp: 831
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

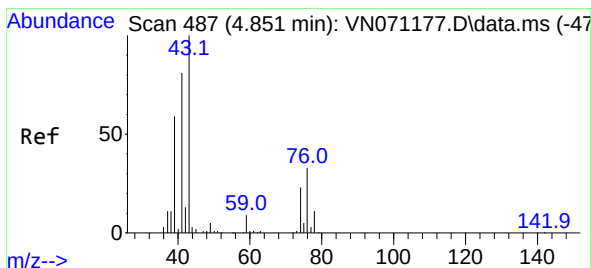
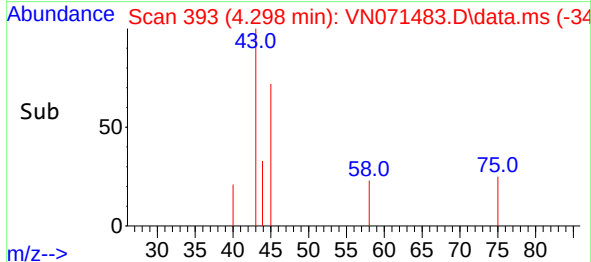
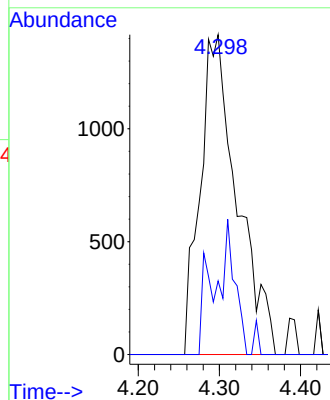
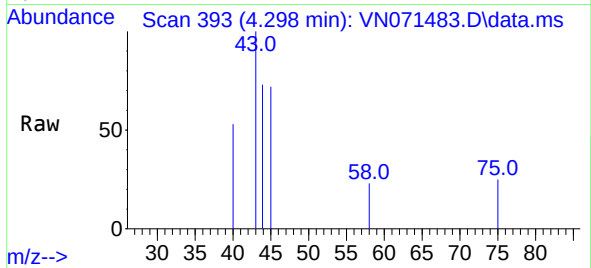




#16
Acetone
Concen: 0.990 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

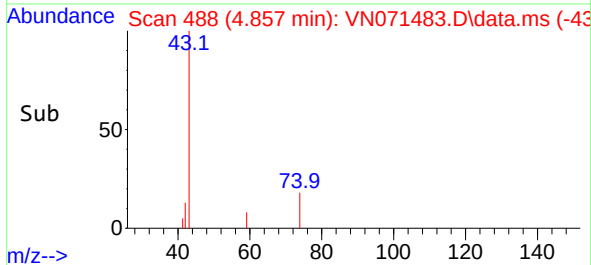
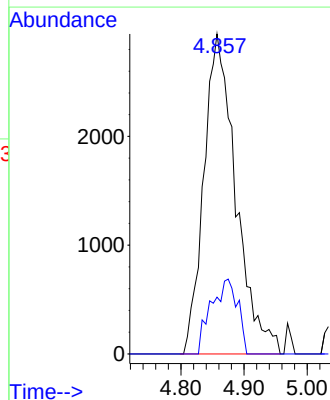
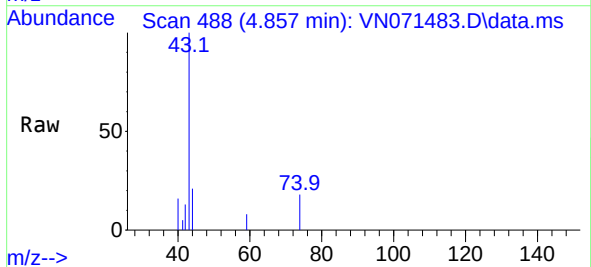
Instrument :
MSVOA_N
ClientSampleId :

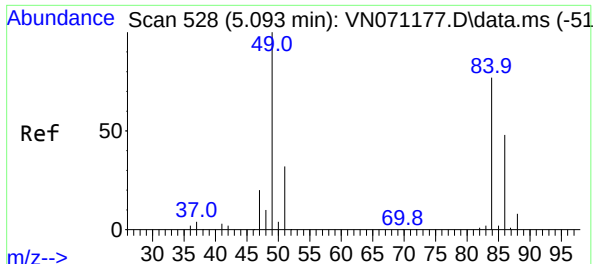
Tgt Ion: 43 Resp: 4504
Ion Ratio Lower Upper
43 100
58 23.0 23.1 34.7#



#18
Methyl Acetate
Concen: 1.310 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

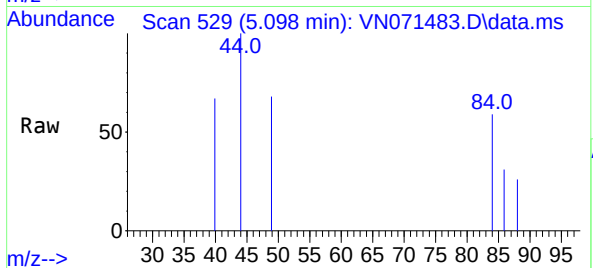
Tgt Ion: 43 Resp: 10360
Ion Ratio Lower Upper
43 100
74 19.3 19.4 29.2#





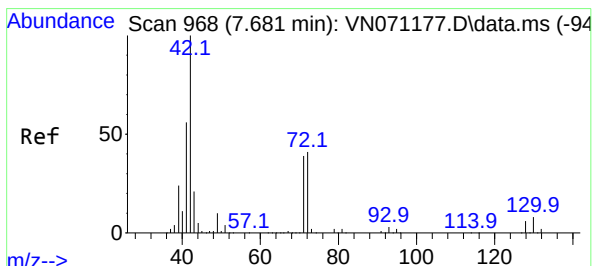
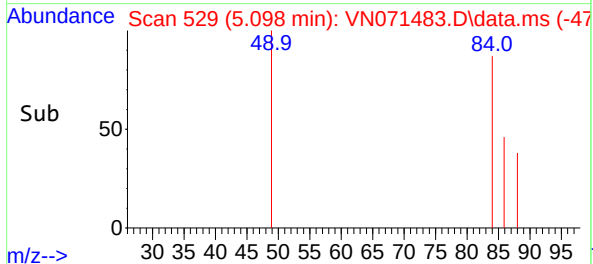
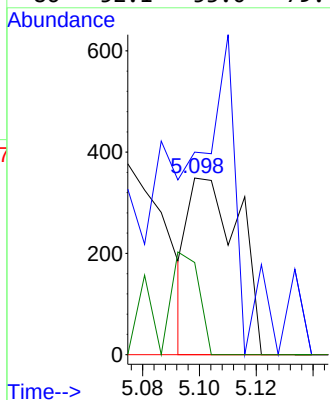
#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 431

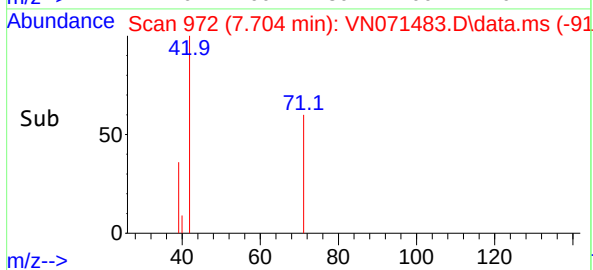
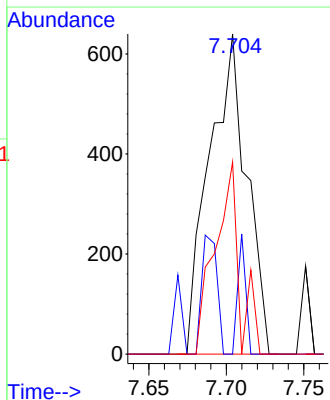
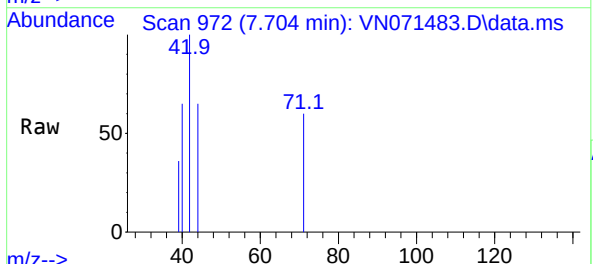
Ion	Ratio	Lower	Upper
84	100		
49	114.6	93.5	140.3
51	0.0	29.4	44.2#
86	52.1	53.0	79.4#

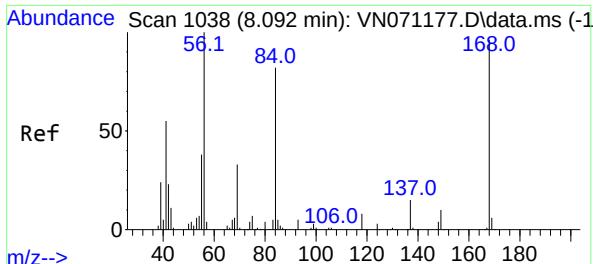


#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 42 Resp: 1072

Ion	Ratio	Lower	Upper
42	100		
72	7.9	36.3	54.5#
71	39.3	34.7	52.1

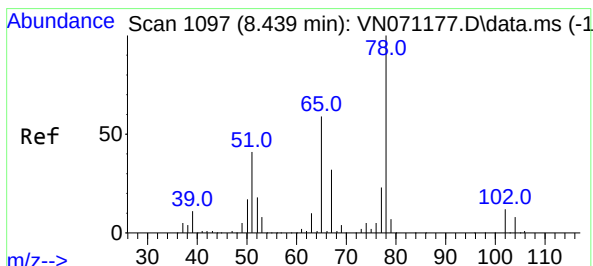
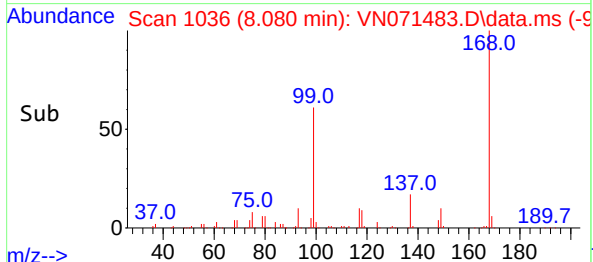
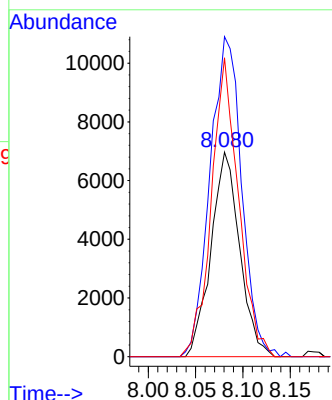
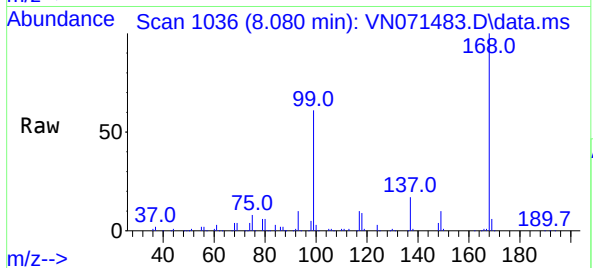




#31
Cyclohexane
Concen: 0.984 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

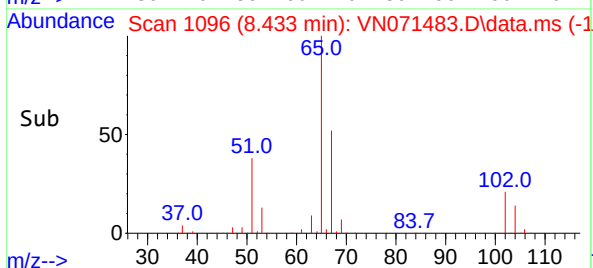
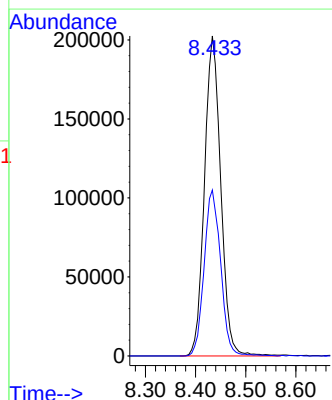
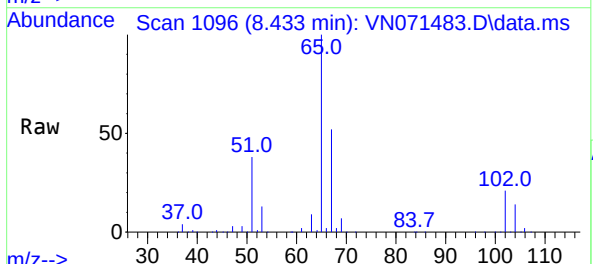
Instrument :
MSVOA_N
ClientSampleId :

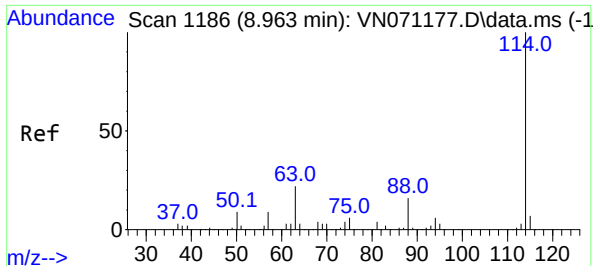
Tgt Ion: 56 Resp: 14699
Ion Ratio Lower Upper
56 100
69 156.5 27.1 40.7#
84 146.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.941 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

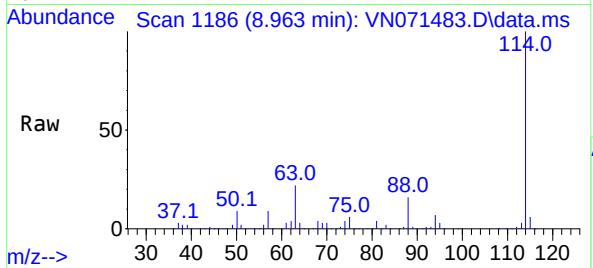
Tgt Ion: 65 Resp: 457648
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0



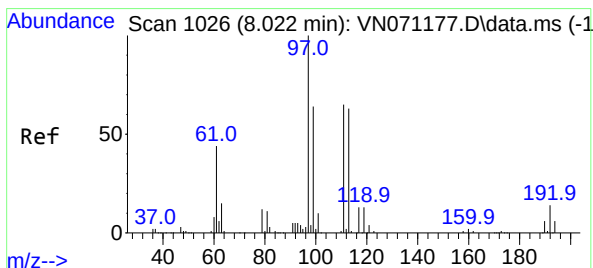
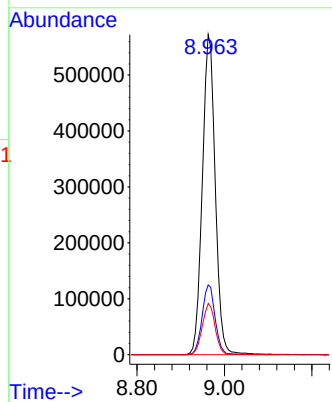
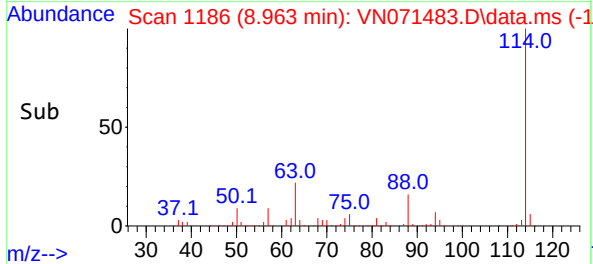


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Instrument :
MSVOA_N
ClientSampleId :

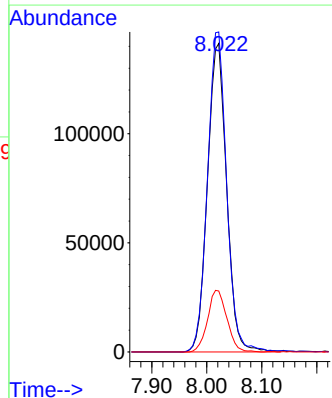
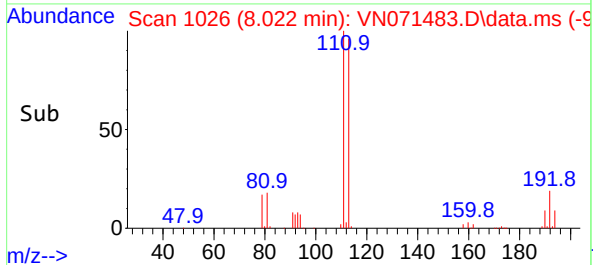
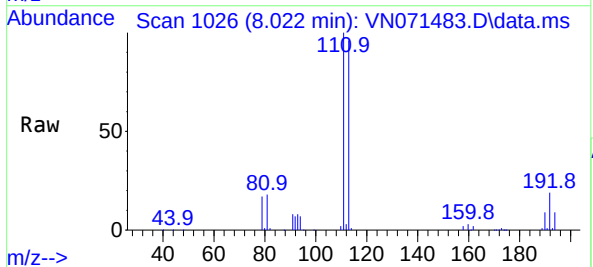


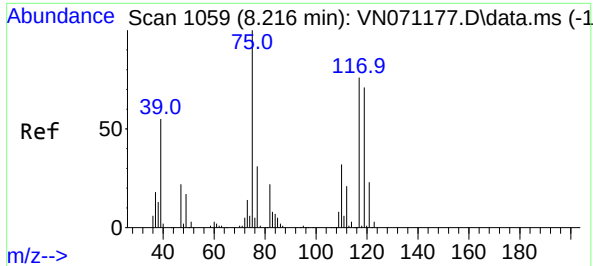
Tgt Ion:114 Resp: 1177816
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.091 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion:113 Resp: 342566
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.1 16.9 25.3

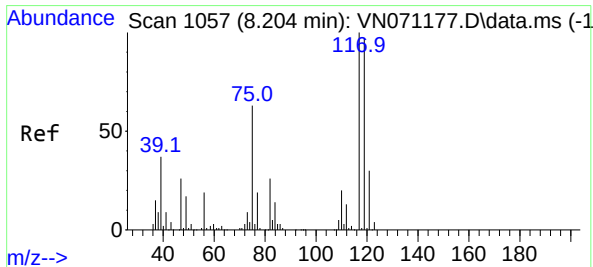
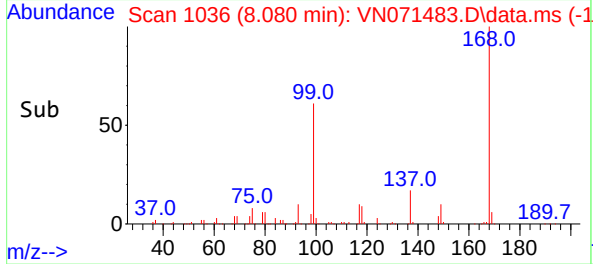
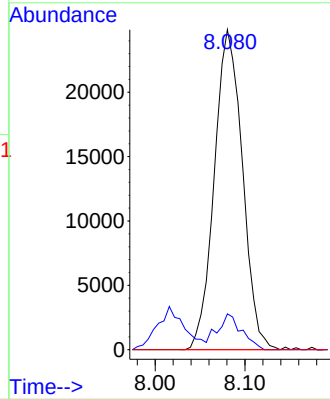
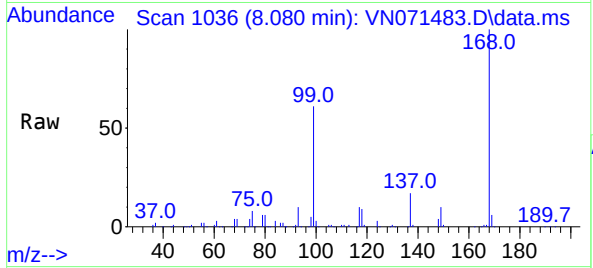




#36
1,1-Dichloropropene
Concen: 4.541 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

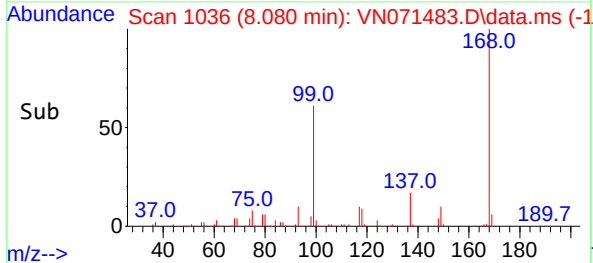
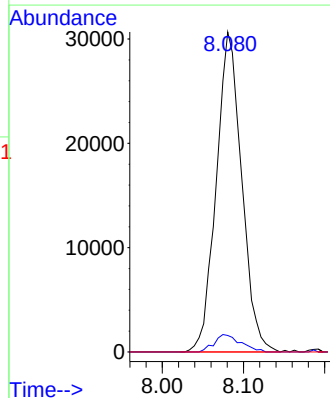
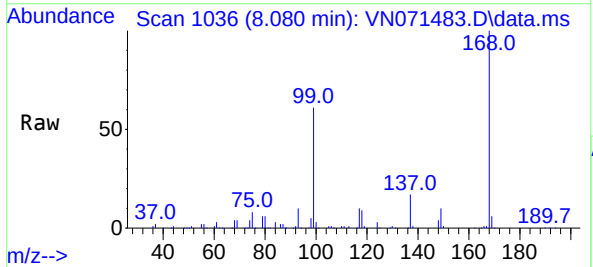
Instrument :
MSVOA_N
ClientSampleId :

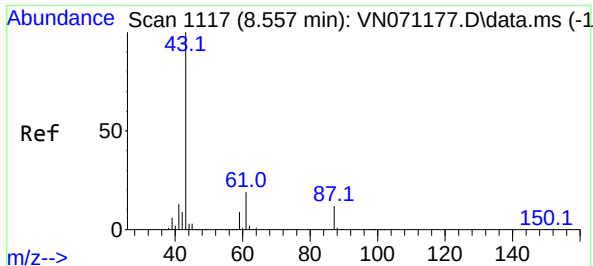
Tgt Ion: 75 Resp: 54072
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

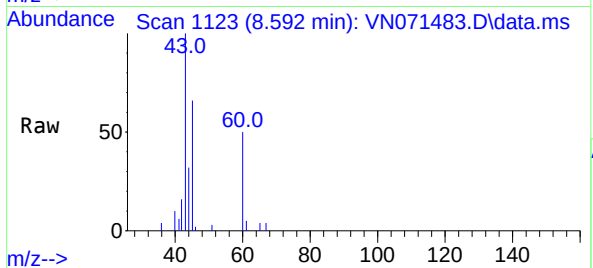
Tgt Ion: 117 Resp: 66897
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



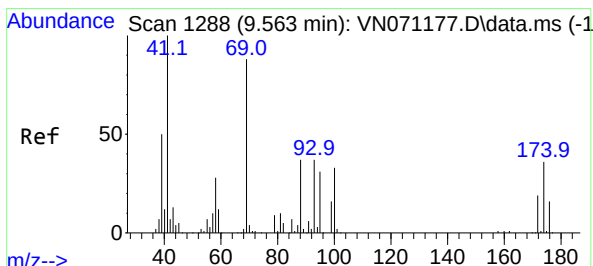
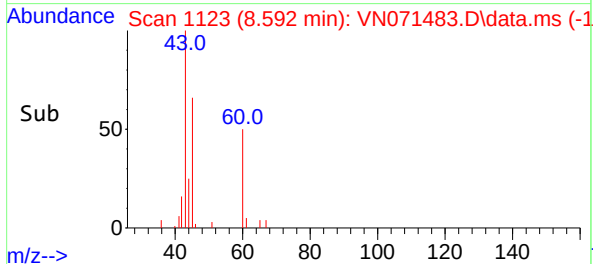
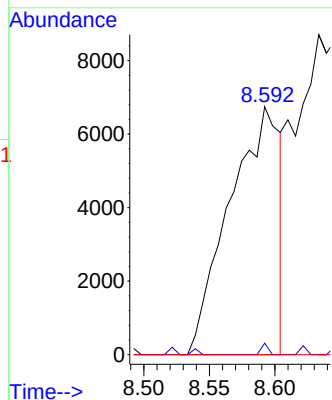


#43
Isopropyl Acetate
Concen: 0.735 ug/l
RT: 8.592 min Scan# 1117
Delta R.T. 0.035 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Instrument :
MSVOA_N
ClientSampleId :

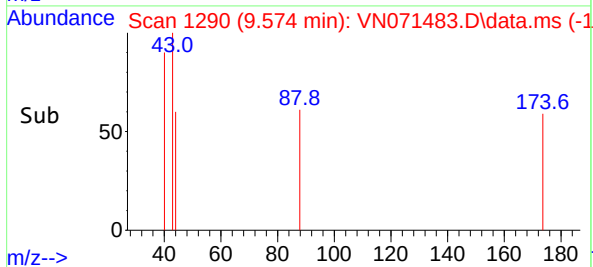
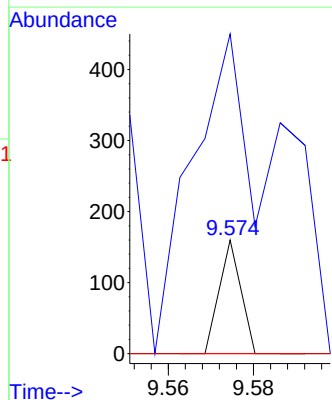
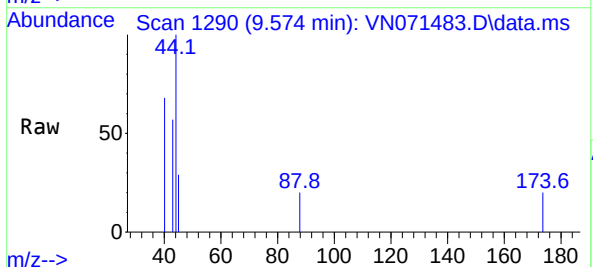


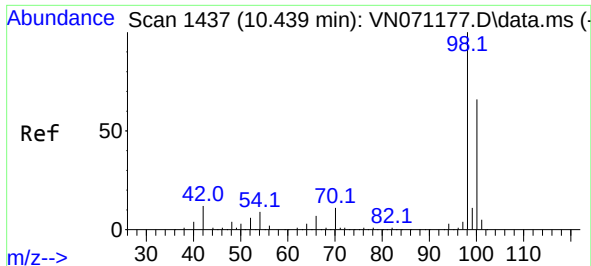
Tgt Ion: 43 Resp: 18002
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#49
1,4-Dioxane
Concen: 0.284 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. 0.011 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 1133.9 23.4 35.2#
58 0.0 50.6 75.8#

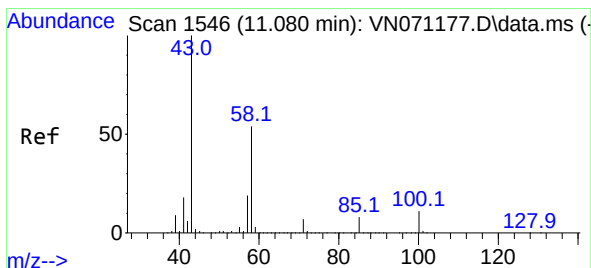
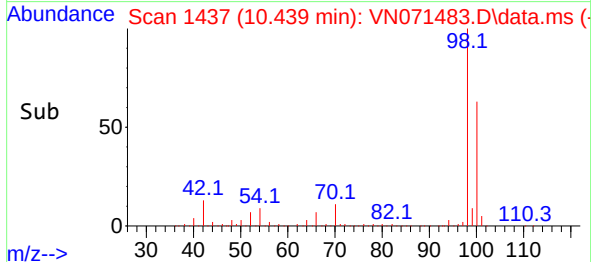
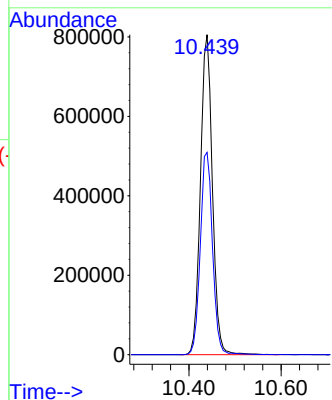
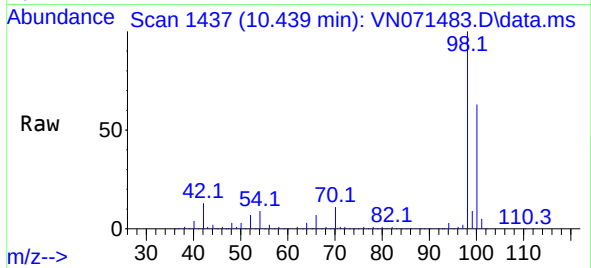




#50
Toluene-d8
Concen: 48.598 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

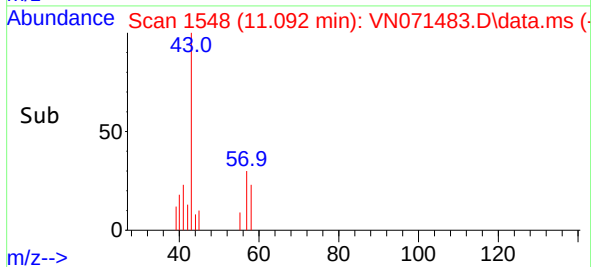
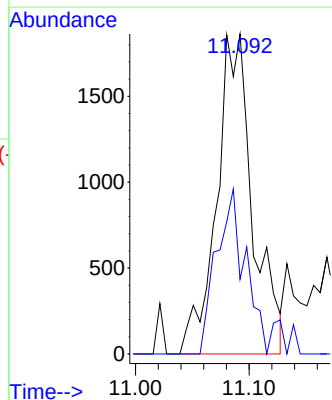
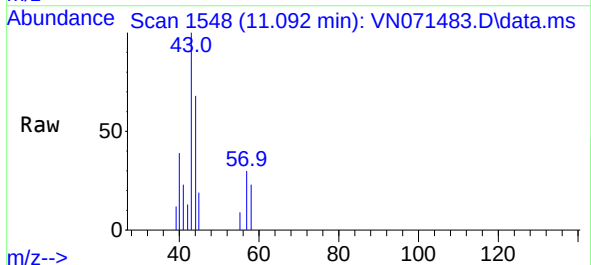
Instrument :
MSVOA_N
ClientSampleId :

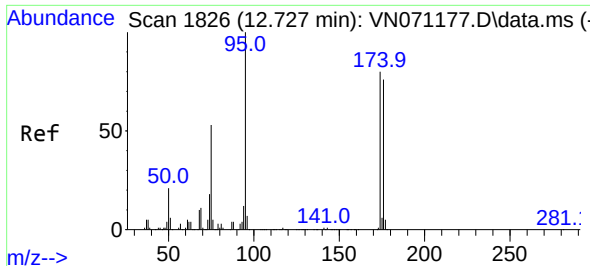
Tgt Ion: 98 Resp: 1454290
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6



#59
2-Hexanone
Concen: 0.395 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
58 41.1 26.9 80.7

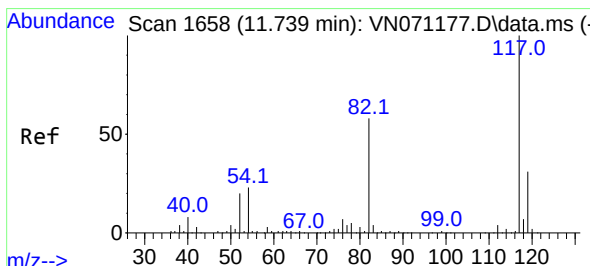
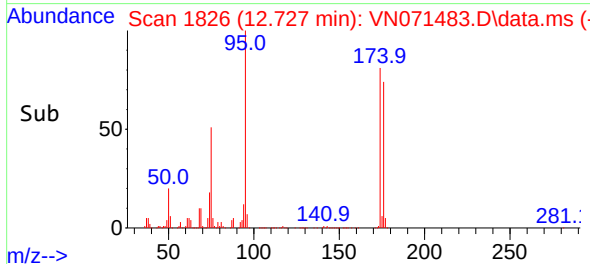
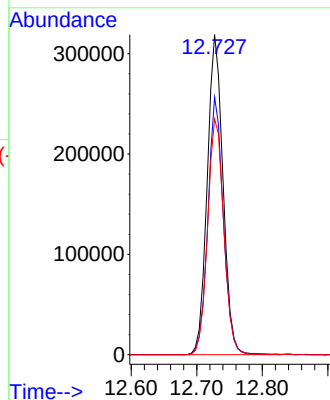
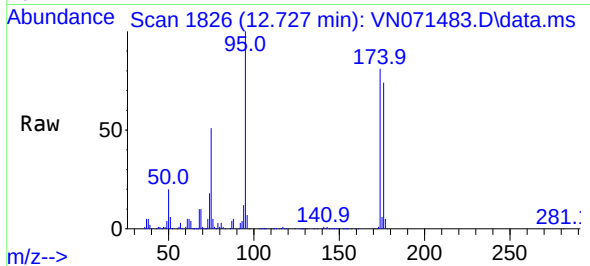




#62
4-Bromofluorobenzene
Concen: 52.578 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

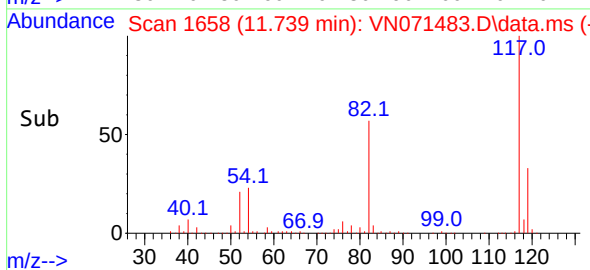
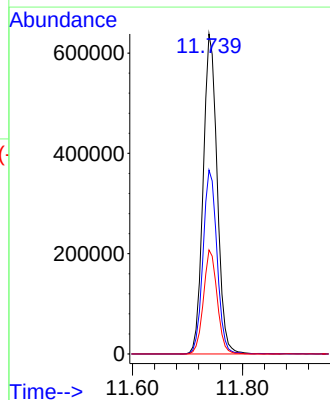
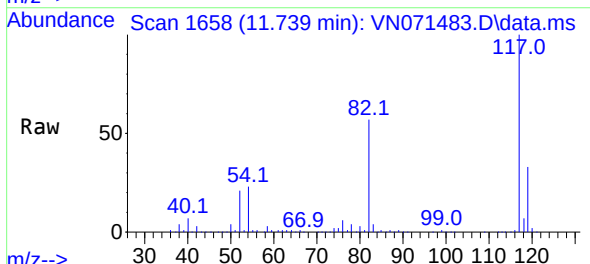
Instrument :
MSVOA_N
ClientSampleId :

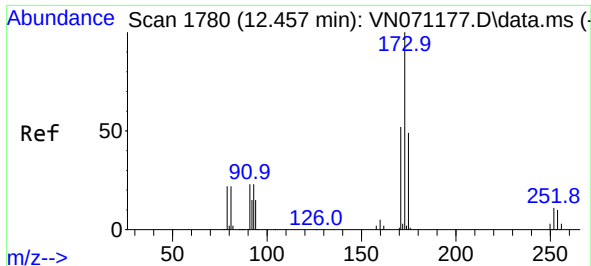
Tgt Ion: 95 Resp: 532797
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 75.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 117 Resp: 1128148
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.5 25.4 38.2

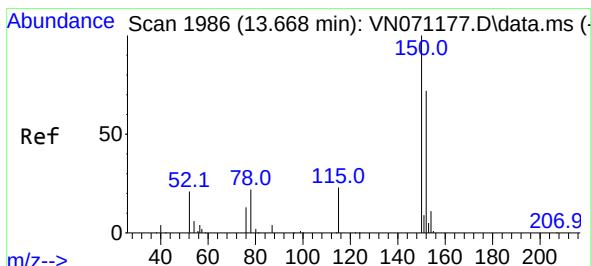
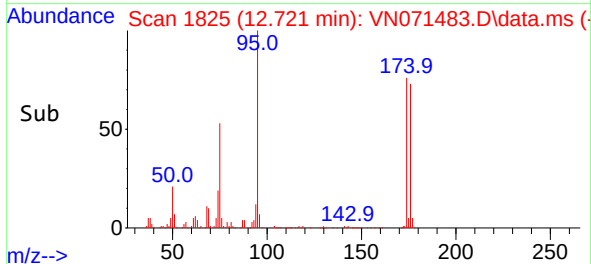
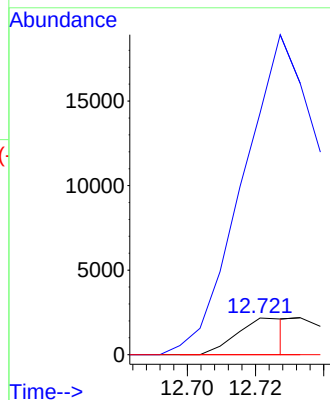
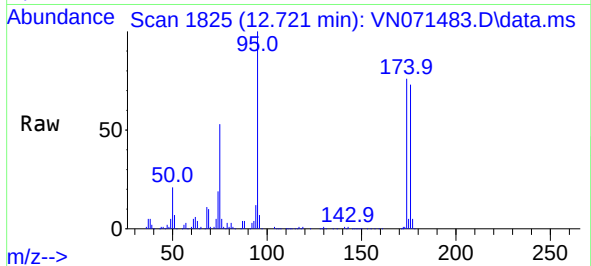




#71
Bromoform
Concen: 0.322 ug/l
RT: 12.721 min Scan# 11
Delta R.T. 0.264 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

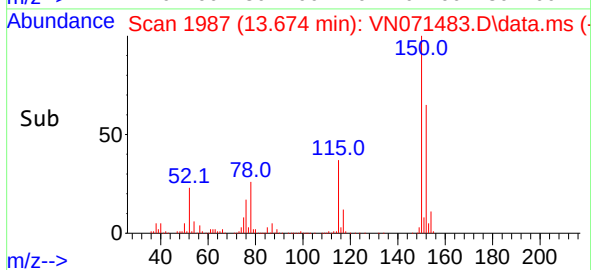
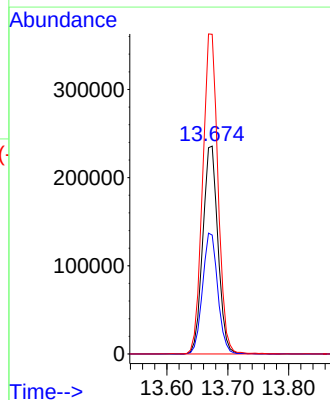
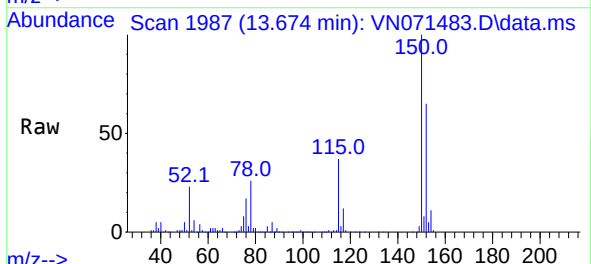
Instrument :
MSVOA_N
ClientSampleId :

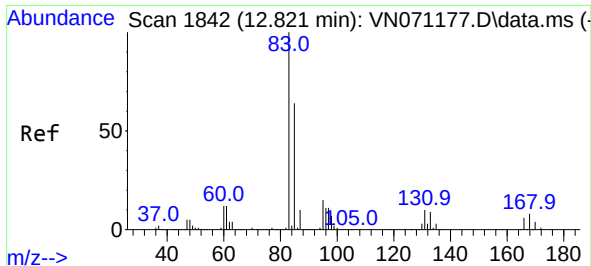
Tgt Ion:173 Resp: 2172
Ion Ratio Lower Upper
173 100
175 1076.2 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion:152 Resp: 406868
Ion Ratio Lower Upper
152 100
115 58.4 27.5 82.5
150 156.0 0.0 344.4

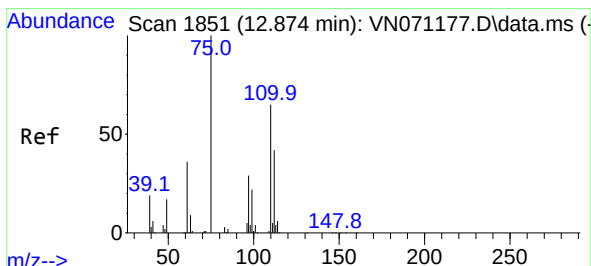
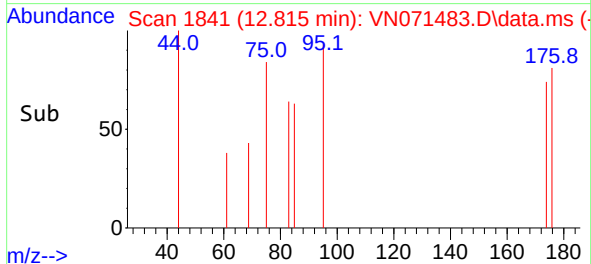
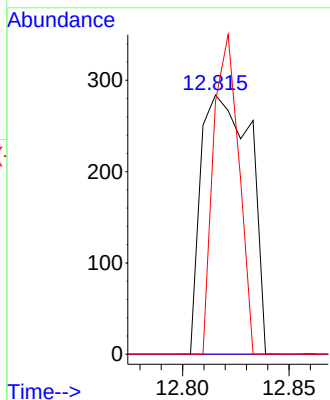
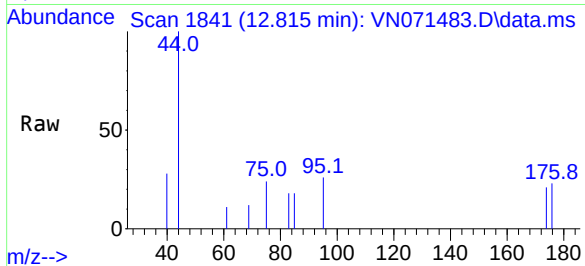




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.815 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

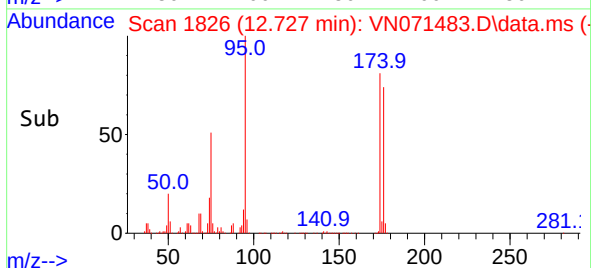
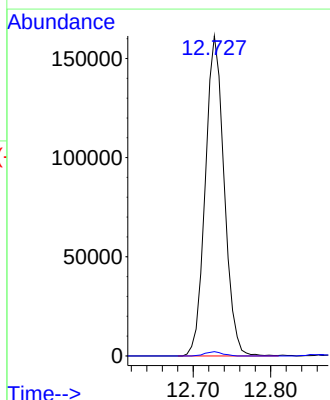
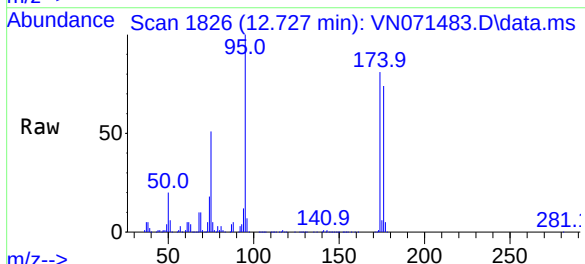
Instrument :
MSVOA_N
ClientSampleId :

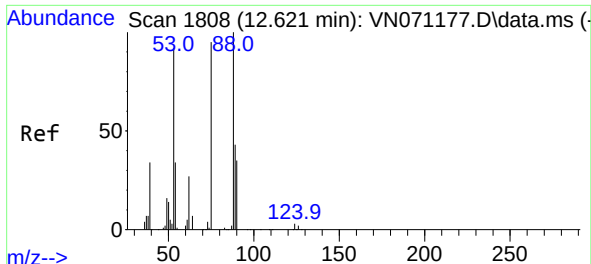
Tgt Ion: 83 Resp: 457
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 63.2 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 26.342 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion: 75 Resp: 272930
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

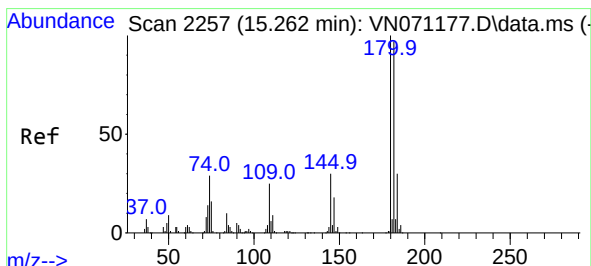
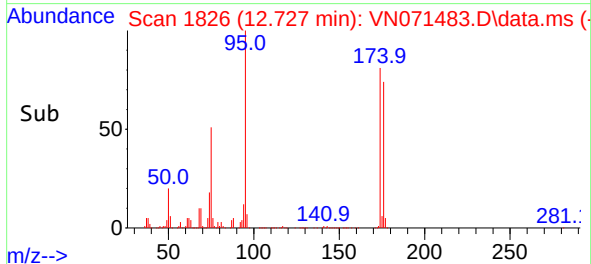
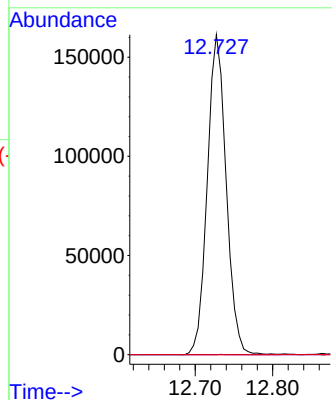
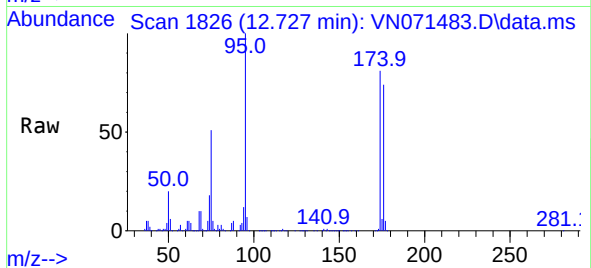




#81
trans-1,4-Dichloro-2-butene
Concen: 72.514 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

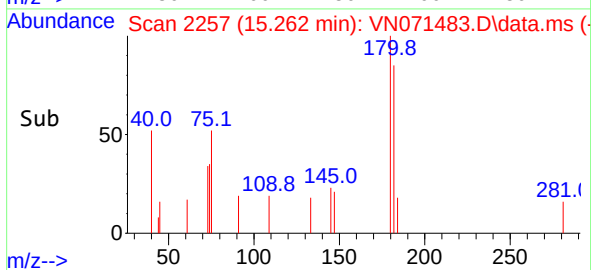
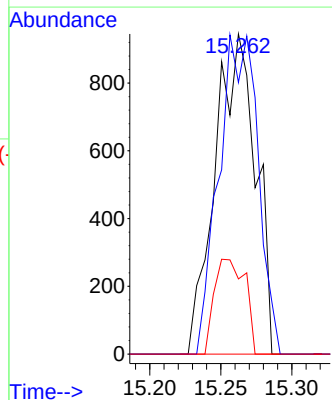
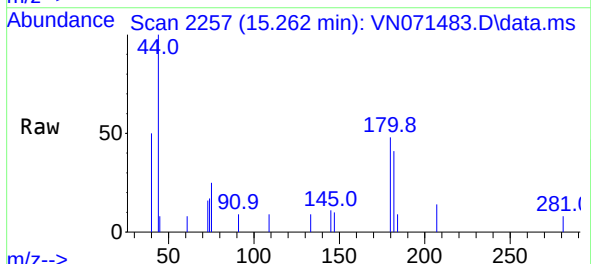
Instrument :
MSVOA_N
ClientSampleId :

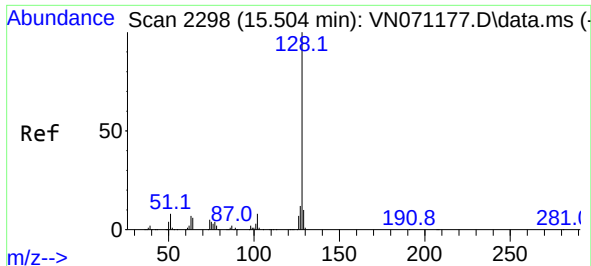
Tgt Ion: 75 Resp: 272930
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.254 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

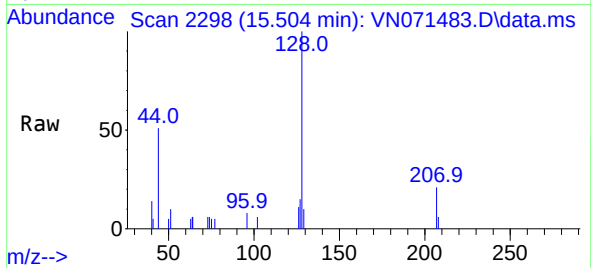
Tgt Ion:180 Resp: 1876
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.9
145 22.5 14.5 43.5



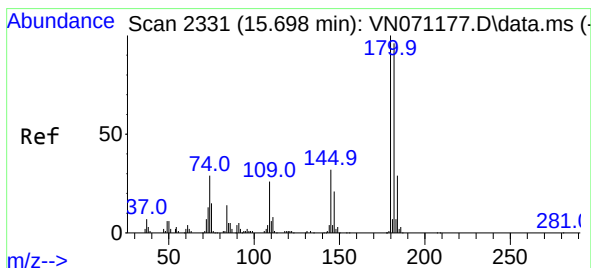
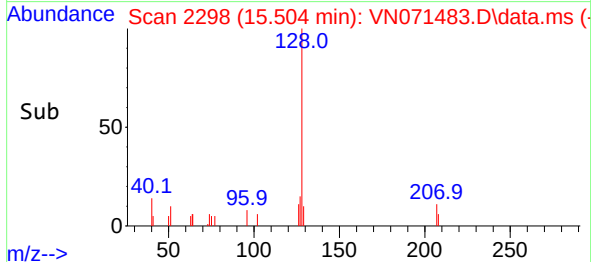
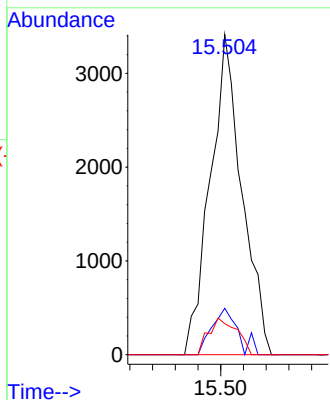


#95
Naphthalene
Concen: 5.386 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 6618
Ion Ratio Lower Upper
128 100
127 11.9 10.5 15.7
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.061 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071483.D
Acq: 22 Mar 2022 22:59

Tgt Ion:180 Resp: 2223
Ion Ratio Lower Upper
180 100
182 86.8 47.4 142.2
145 21.2 15.0 45.1

