

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
 Data File : VN071246.D
 Acq On : 11 Mar 2022 13:30
 Operator : JC\MD
 Sample : N1827-13
 Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 02:16:30 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)

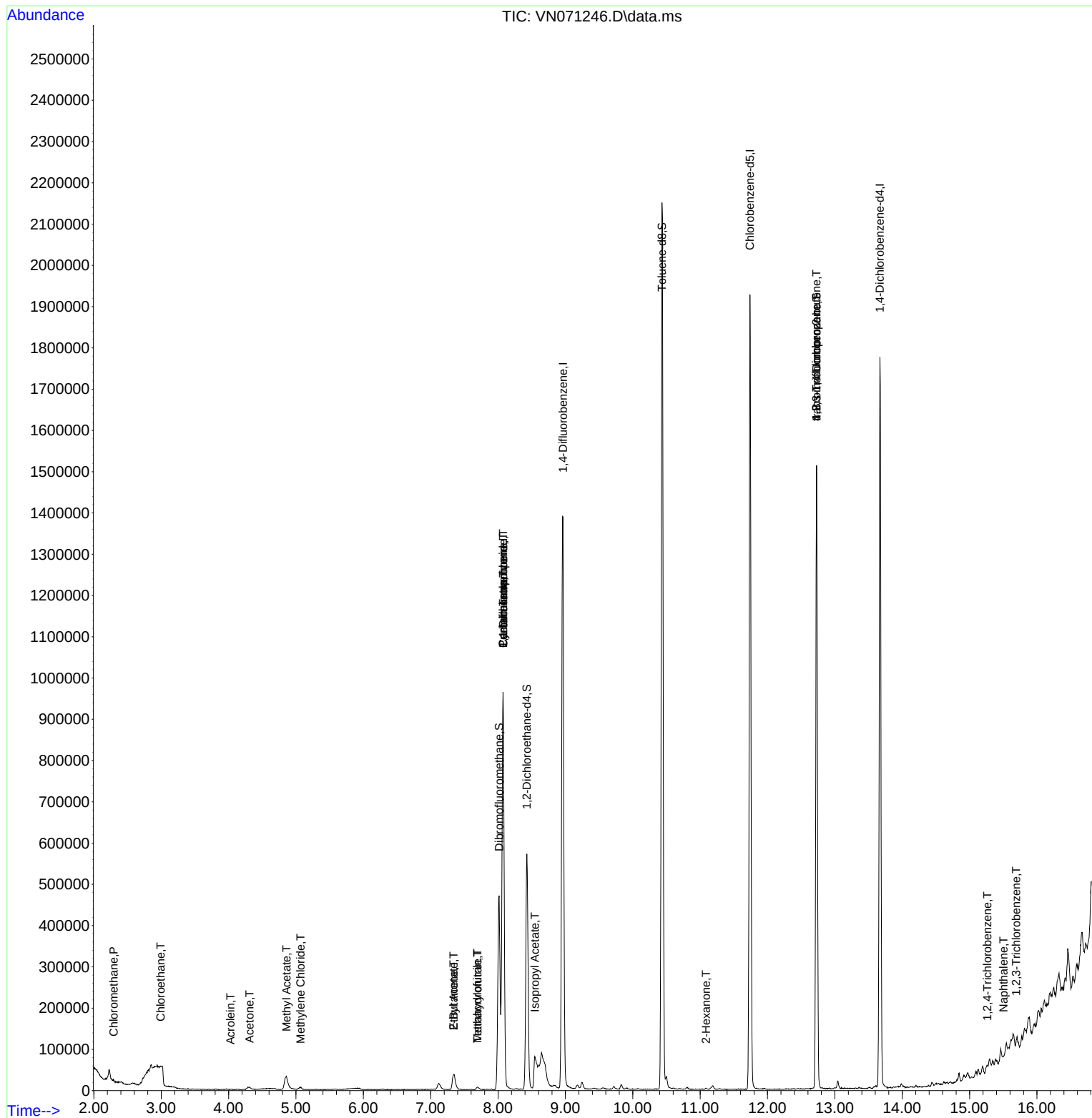
Internal Standards						
1) Pentafluorobenzene	8.075	168	750900	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1239414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1116985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	484717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	476253	46.277	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.560%
35) Dibromofluoromethane	8.016	113	345446	44.168	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.340%
50) Toluene-d8	10.433	98	1519374	48.249	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.727	95	514687	48.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	4240	0.349	ug/l #	86
5) Bromomethane	2.799	94	1811	Below Cal	#	67
6) Chloroethane	2.993	64	2386	0.391	ug/l #	72
13) Acrolein	4.028	56	813	0.380	ug/l	93
16) Acetone	4.310	43	10297	2.056	ug/l	97
18) Methyl Acetate	4.857	43	80830	6.424	ug/l	95
20) Methylene Chloride	5.069	84	4299	0.848	ug/l #	65
25) 2-Butanone	7.339	43	79979	9.915	ug/l	96
29) Tetrahydrofuran	7.692	42	5515	0.987	ug/l #	85
31) Cyclohexane	8.075	56	15947	0.970	ug/l #	1
36) 1,1-Dichloropropene	8.075	75	59440	4.743	ug/l #	48
37) Ethyl Acetate	7.339	43	79979	4.638	ug/l #	68
38) Carbon Tetrachloride	8.075	117	74239	6.125	ug/l #	16
41) Methacrylonitrile	7.692	41	3231	0.383	ug/l #	26
43) Isopropyl Acetate	8.545	43	83576	3.241	ug/l #	57
59) 2-Hexanone	11.086	43	2302	0.211	ug/l	74
75) 1,1,2,2-Tetrachloroethane	12.821	83	137	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.727	75	264638	20.883	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	264638	59.018	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1100	3.119	ug/l #	1
95) Naphthalene	15.504	128	11173	5.519	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.692	180	408	2.783	ug/l #	1

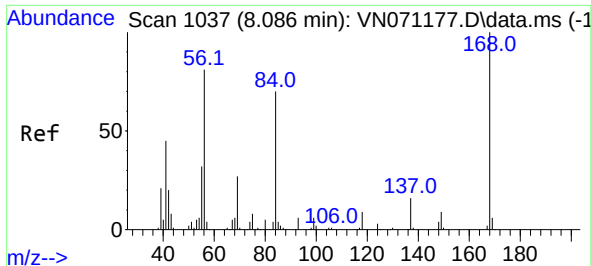
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN071246.D
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Sample : N1827-13
Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
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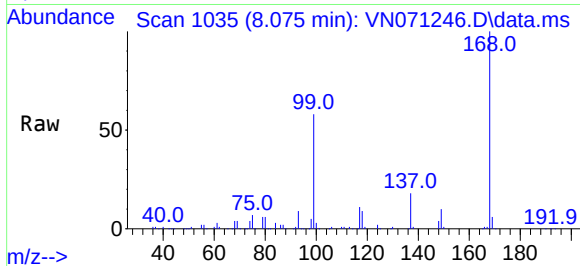
Quant Time: Mar 12 02:16:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
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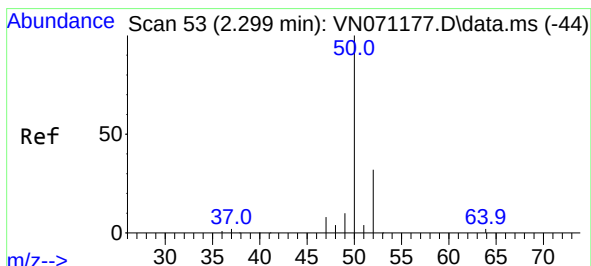
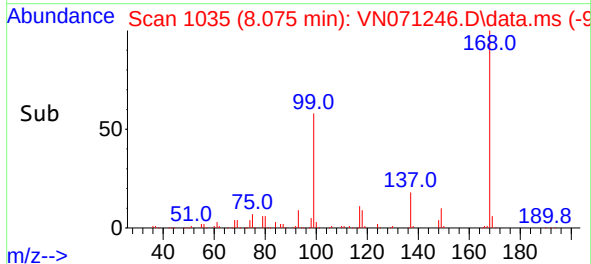
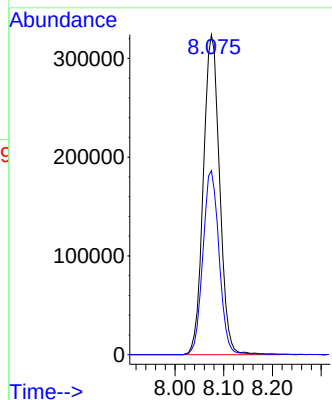


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 10
Delta R.T. -0.011 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :

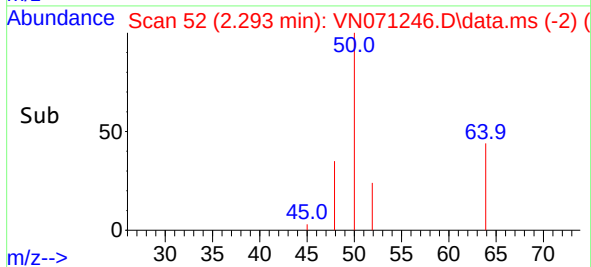
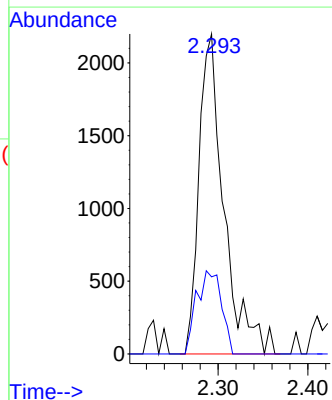
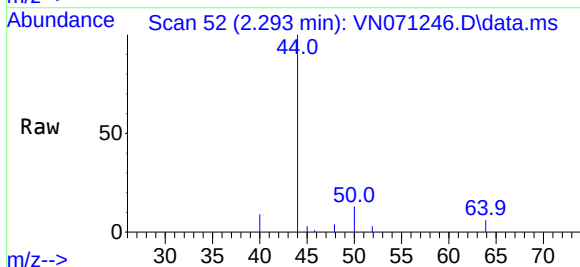


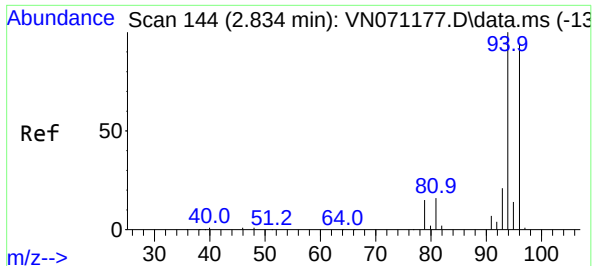
Tgt Ion:168 Resp: 750900
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.349 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 50 Resp: 4240
Ion Ratio Lower Upper
50 100
52 24.1 25.4 38.0#

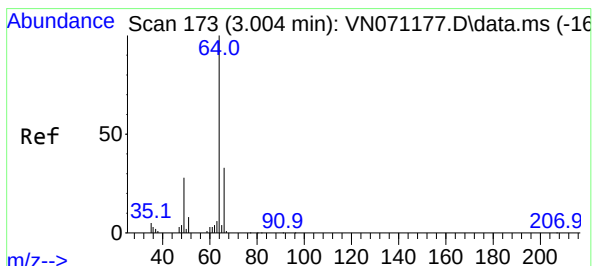
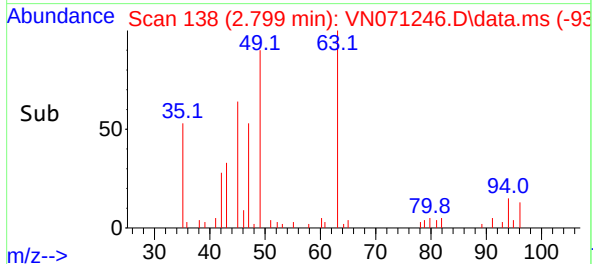
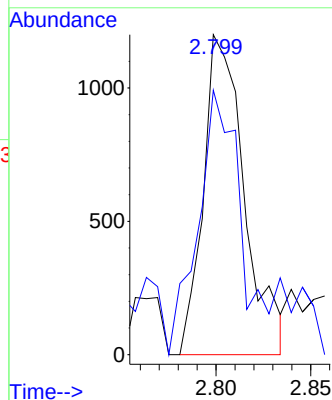
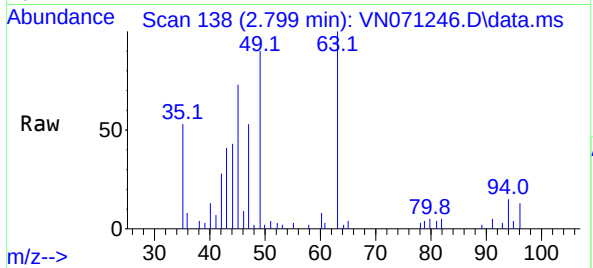




#5
Bromomethane
Concen: Below Cal
RT: 2.799 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

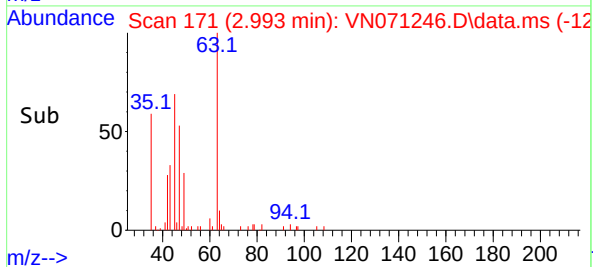
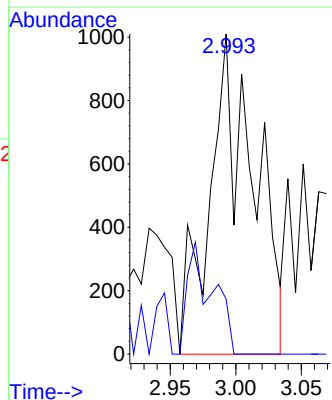
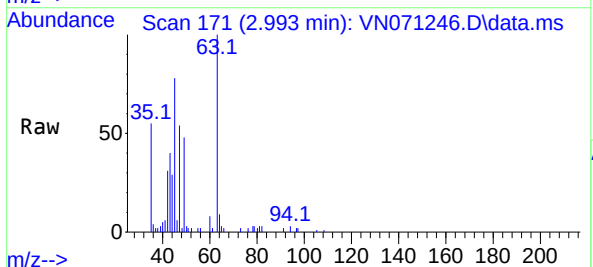
Instrument :
MSVOA_N
ClientSampleId :

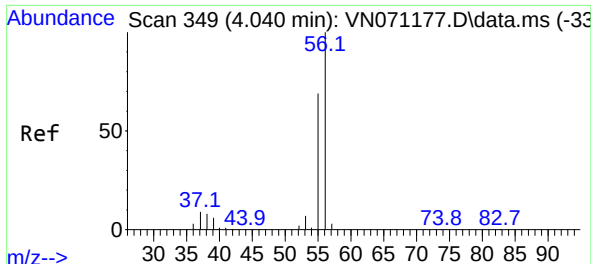
Tgt Ion: 94 Resp: 1811
Ion Ratio Lower Upper
94 100
96 60.4 73.8 110.8#



#6
Chloroethane
Concen: 0.391 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.011 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 64 Resp: 2386
Ion Ratio Lower Upper
64 100
66 17.2 26.3 39.5#

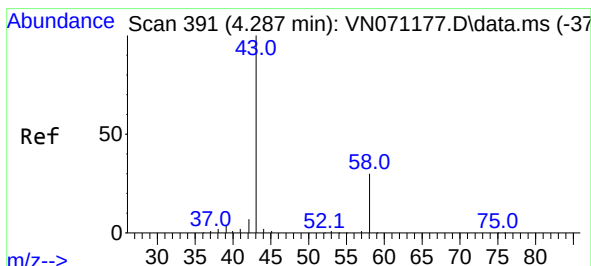
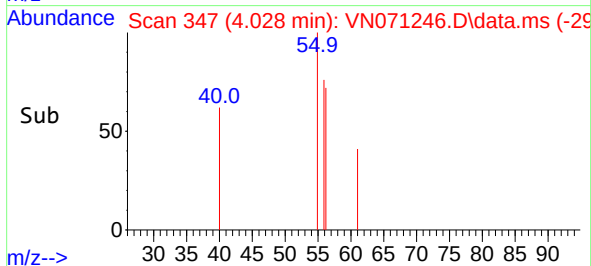
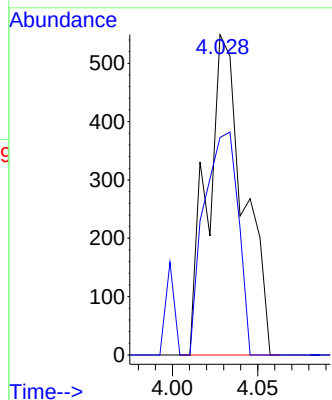
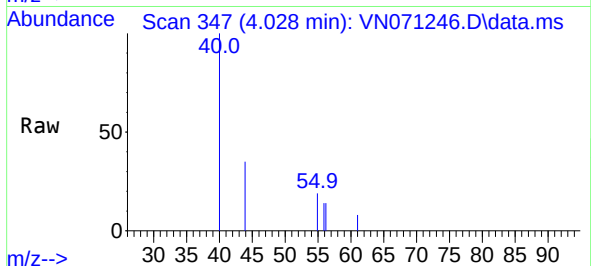




#13
Acrolein
Concen: 0.380 ug/l
RT: 4.028 min Scan# 349
Delta R.T. -0.012 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

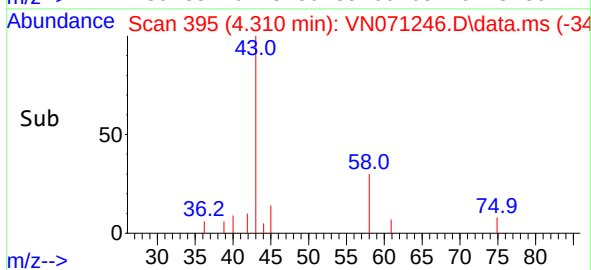
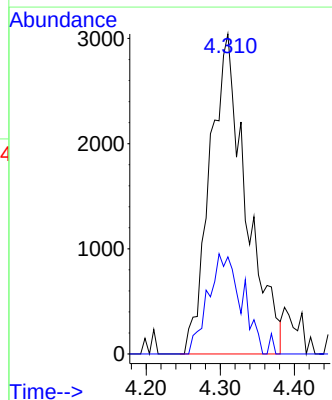
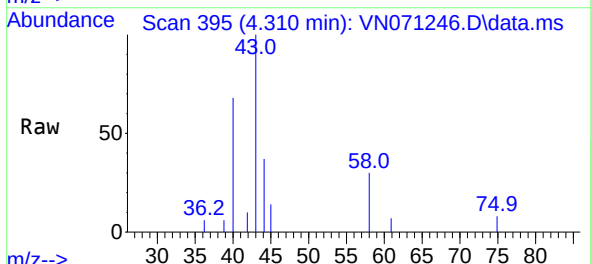
Instrument :
MSVOA_N
ClientSampleId :

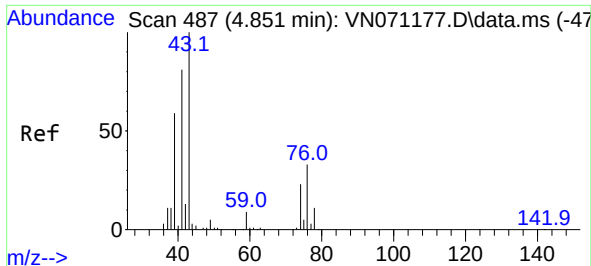
Tgt Ion: 56 Resp: 813
Ion Ratio Lower Upper
56 100
55 65.3 56.6 85.0



#16
Acetone
Concen: 2.056 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.024 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 43 Resp: 10297
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7

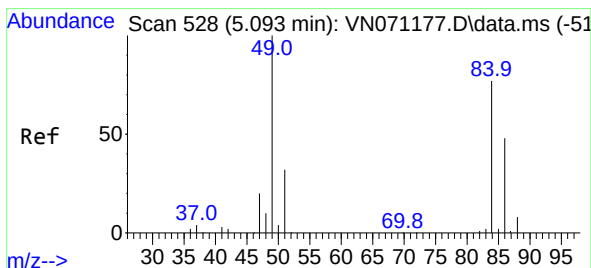
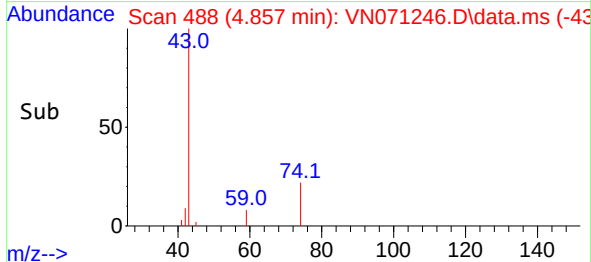
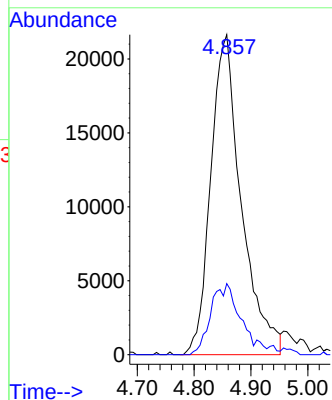
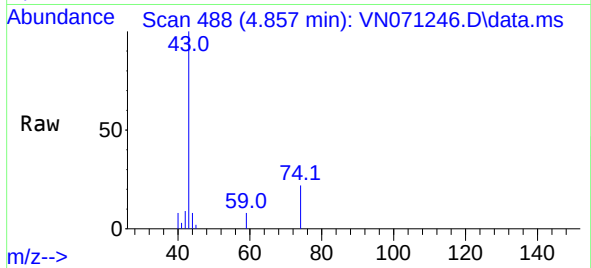




#18
Methyl Acetate
Concen: 6.424 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

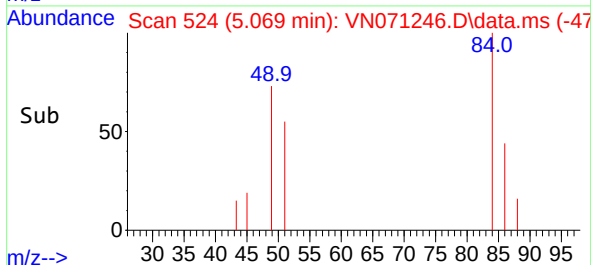
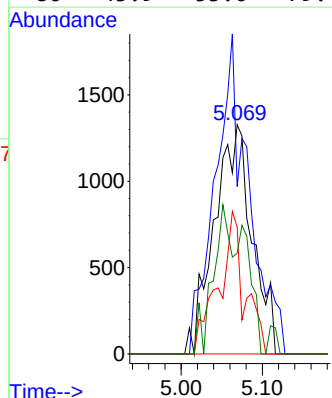
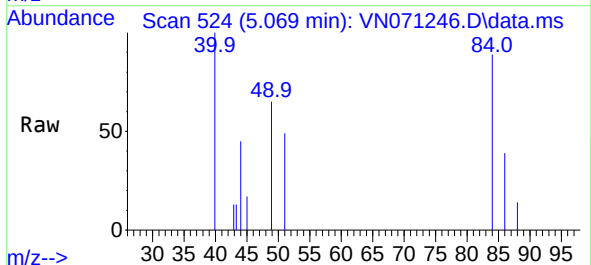
Instrument :
MSVOA_N
ClientSampleId :

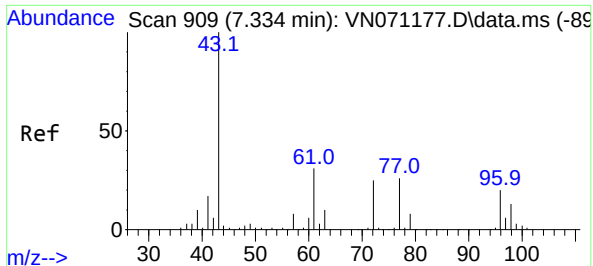
Tgt Ion: 43 Resp: 80830
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2



#20
Methylene Chloride
Concen: 0.848 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.024 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 84 Resp: 4299
Ion Ratio Lower Upper
84 100
49 73.0 93.5 140.3#
51 55.3 29.4 44.2#
86 43.9 53.0 79.4#

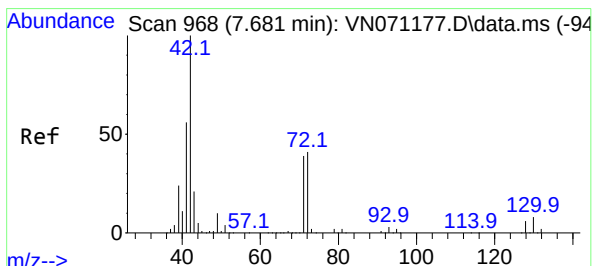
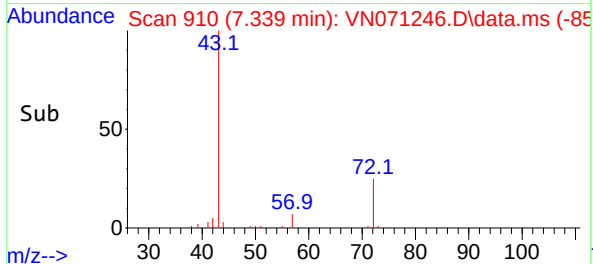
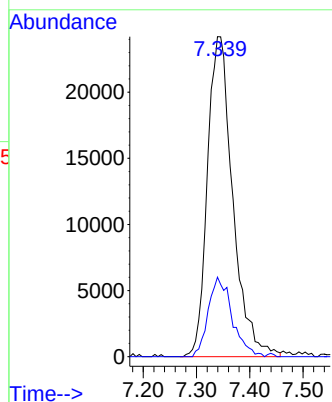
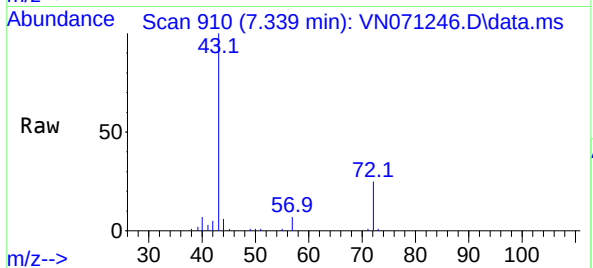




#25
2-Butanone
Concen: 9.915 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

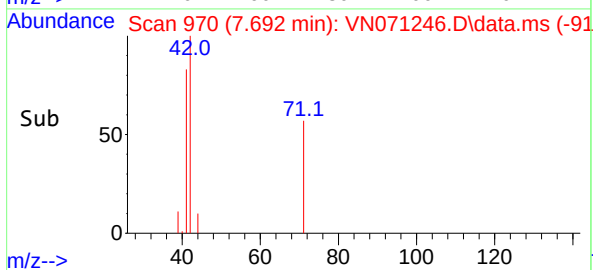
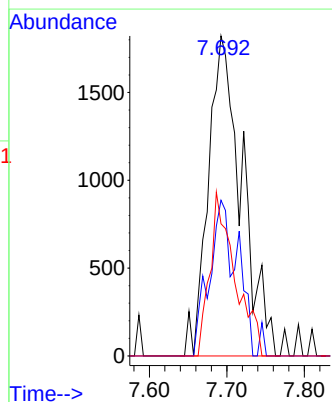
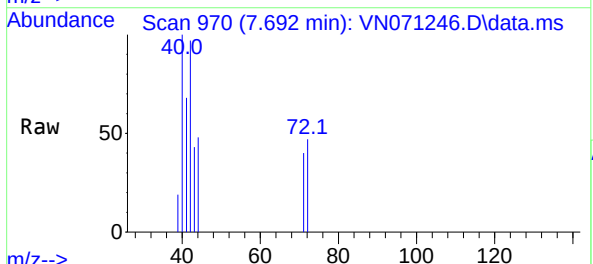
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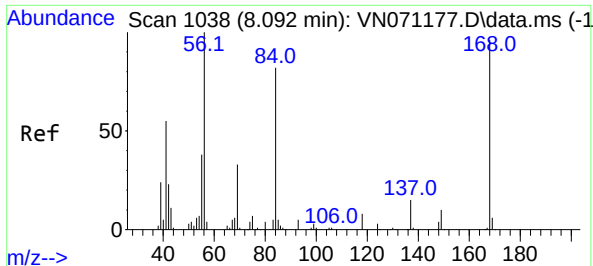
Tgt Ion: 43 Resp: 79979
Ion Ratio Lower Upper
43 100
72 24.8 21.7 32.5



#29
Tetrahydrofuran
Concen: 0.987 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.012 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 42 Resp: 5515
Ion Ratio Lower Upper
42 100
72 31.2 36.3 54.5#
71 38.0 34.7 52.1





#31

Cyclohexane

Concen: 0.970 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN071246.D

Acq: 11 Mar 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

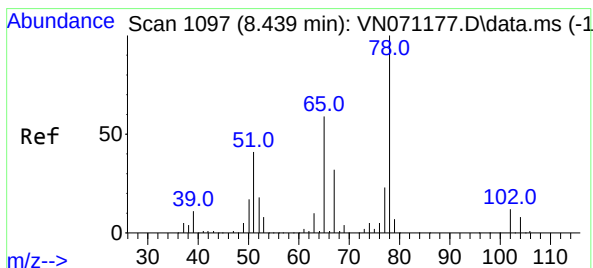
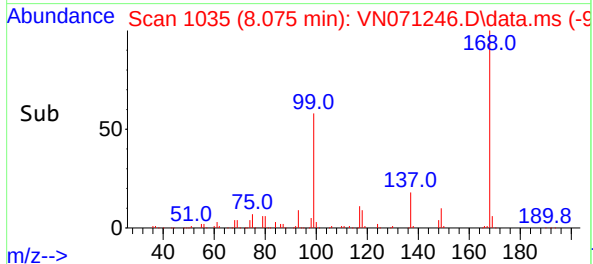
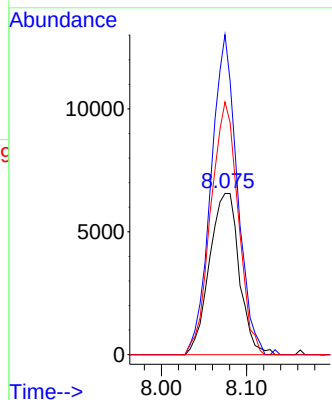
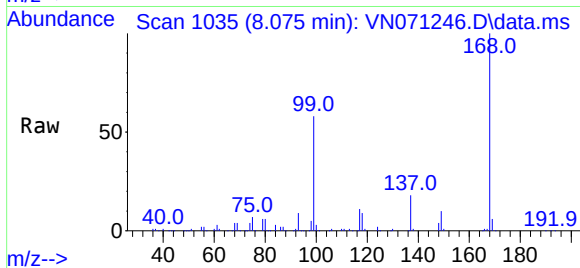
Tgt Ion: 56 Resp: 15947

Ion Ratio Lower Upper

56 100

69 198.3 27.1 40.7#

84 156.6 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 46.277 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071246.D

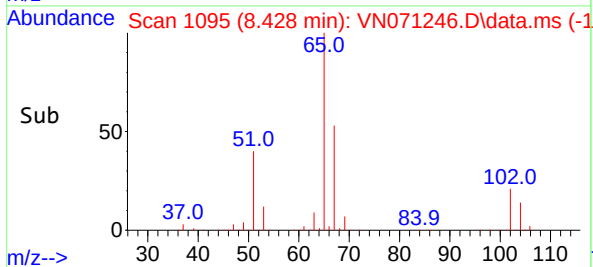
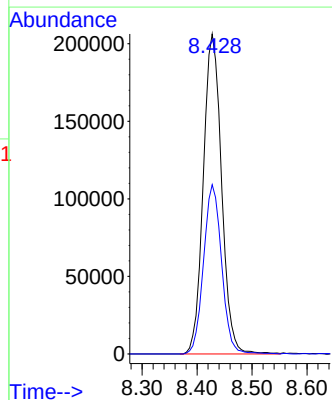
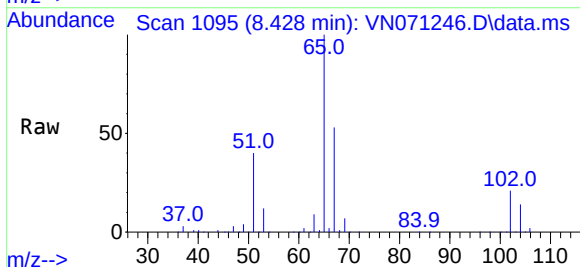
Acq: 11 Mar 2022 13:30

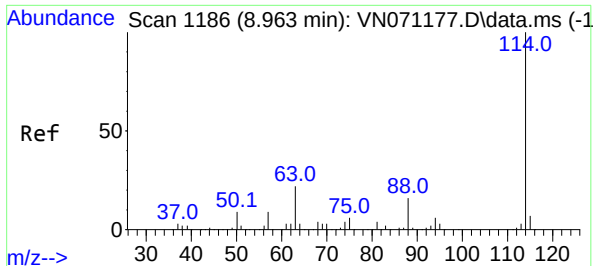
Tgt Ion: 65 Resp: 476253

Ion Ratio Lower Upper

65 100

67 52.3 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: VN071246.D

Acq: 11 Mar 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

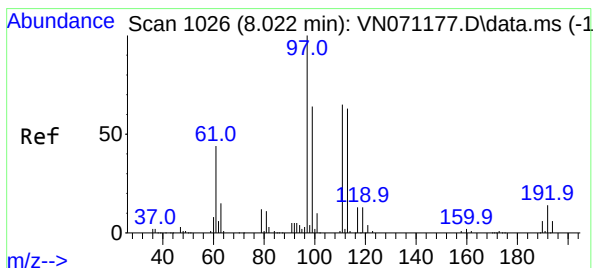
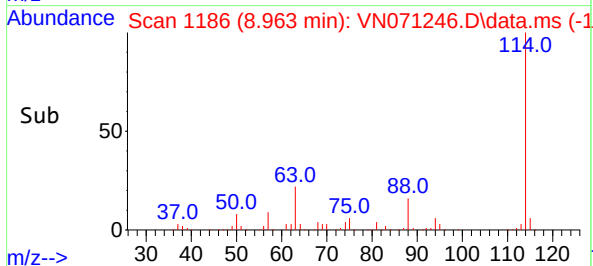
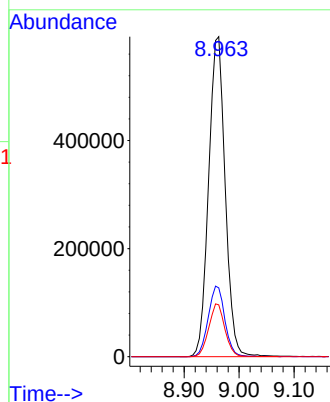
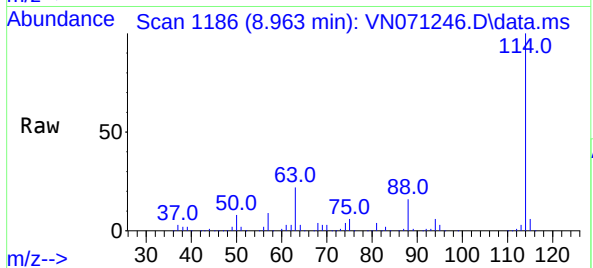
Tgt Ion:114 Resp: 1239414

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.168 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071246.D

Acq: 11 Mar 2022 13:30

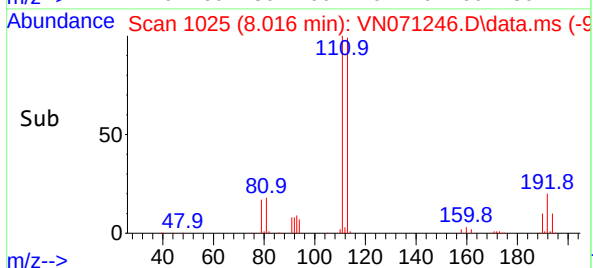
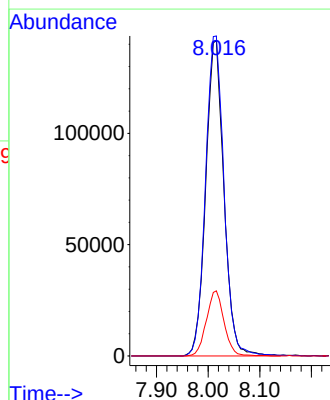
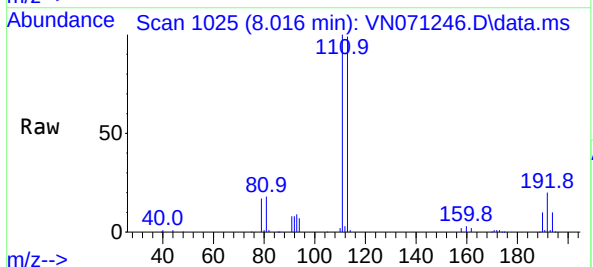
Tgt Ion:113 Resp: 345446

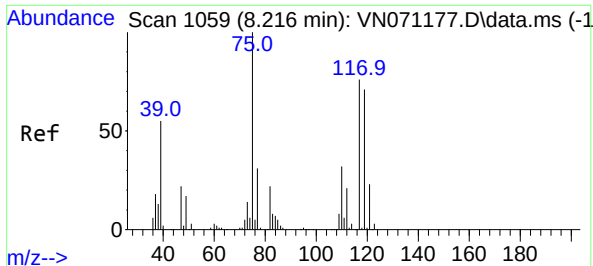
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.1 16.9 25.3

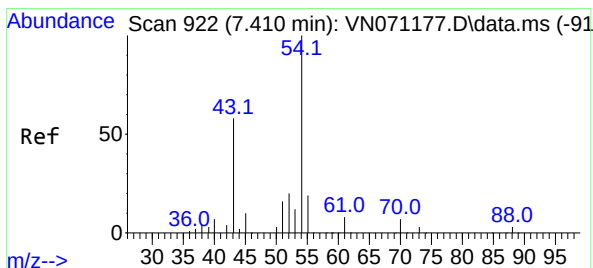
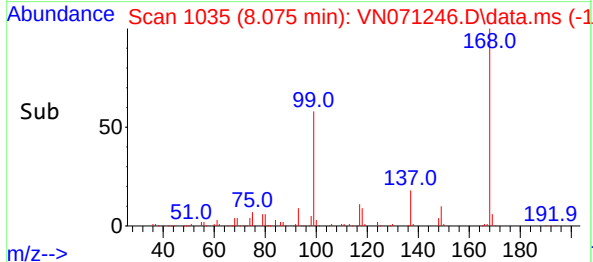
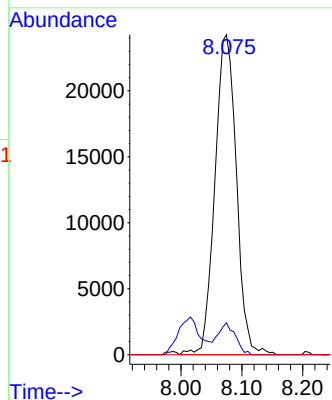
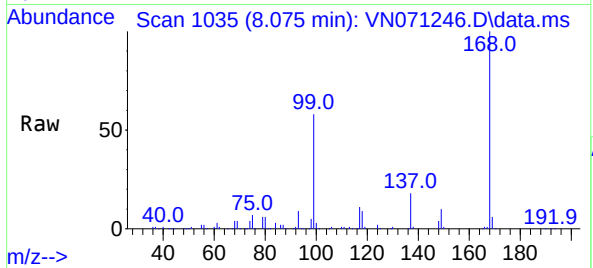




#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 8.075 min Scan# 1059
Delta R.T. -0.141 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

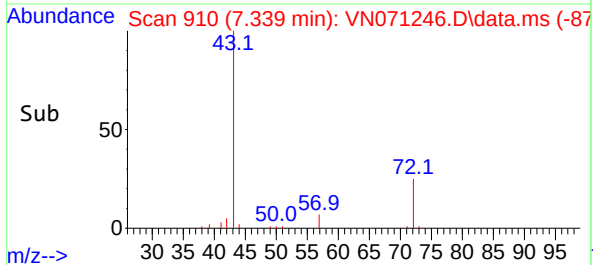
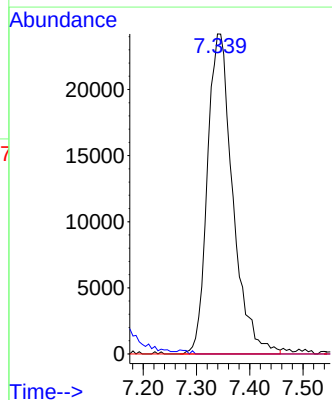
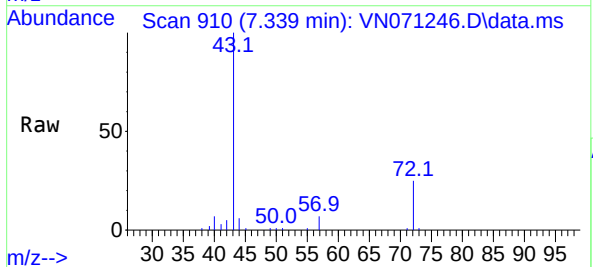
Instrument :
MSVOA_N
ClientSampleId :

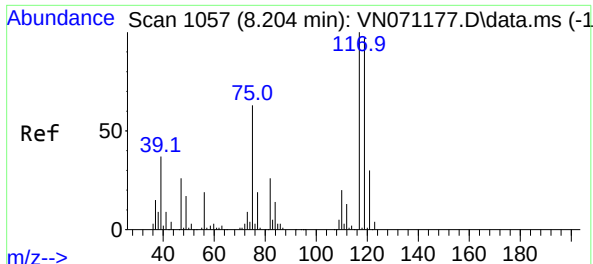
Tgt Ion: 75 Resp: 59440
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.638 ug/l
RT: 7.339 min Scan# 910
Delta R.T. -0.071 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

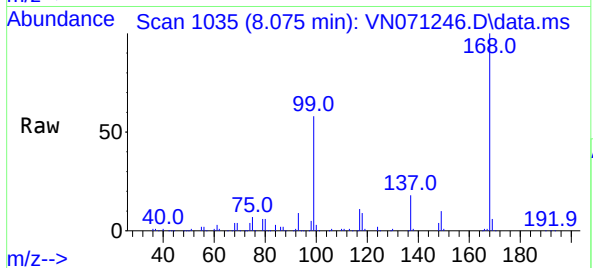
Tgt Ion: 43 Resp: 79979
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



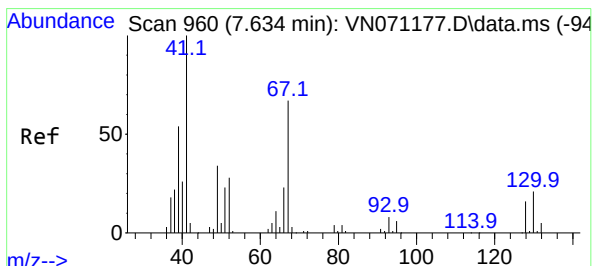
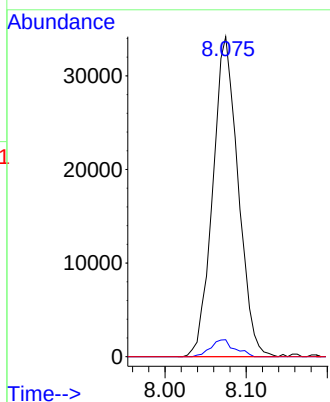
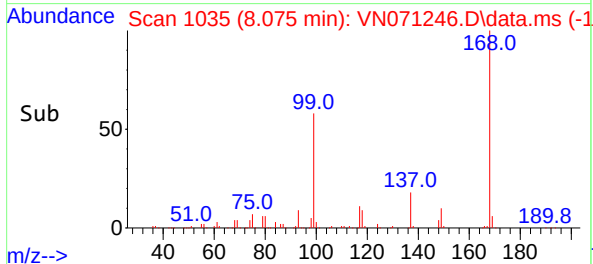


#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 8.075 min Scan# 1057
Delta R.T. -0.129 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

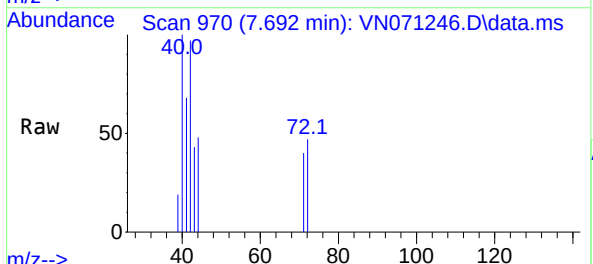
Instrument :
MSVOA_N
ClientSampleId :



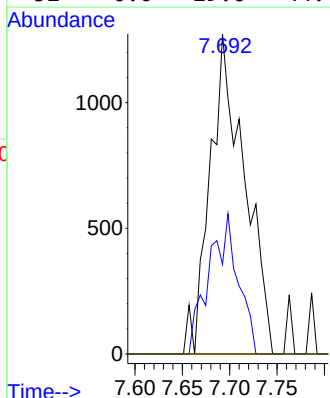
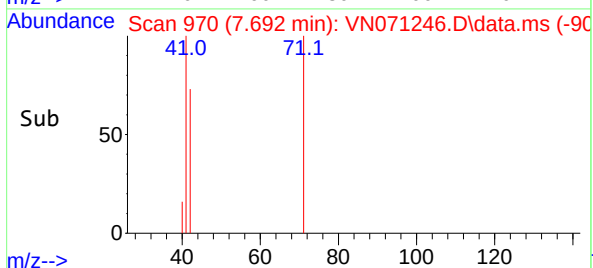
Tgt Ion:117 Resp: 74239
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#

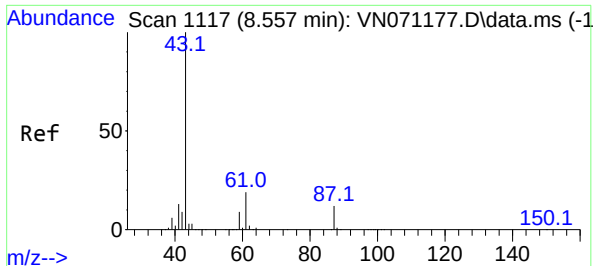


#41
Methacrylonitrile
Concen: 0.383 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.059 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30



Tgt Ion: 41 Resp: 3231
Ion Ratio Lower Upper
41 100
39 20.1 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

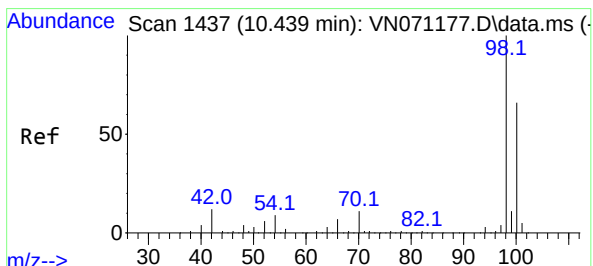
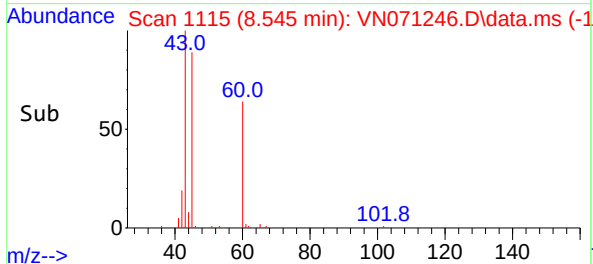
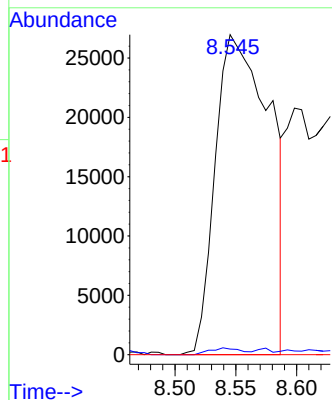
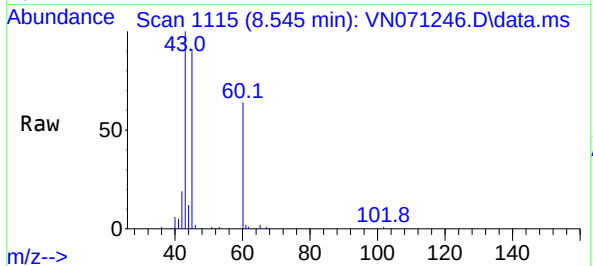




#43
Isopropyl Acetate
Concen: 3.241 ug/l
RT: 8.545 min Scan# 1115
Delta R.T. -0.012 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

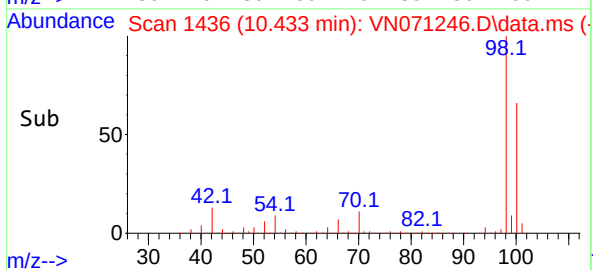
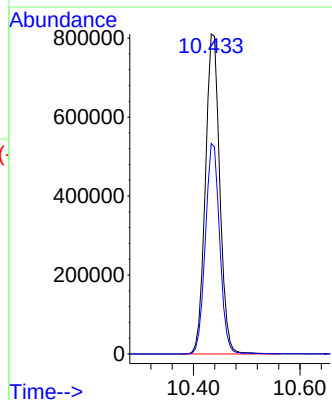
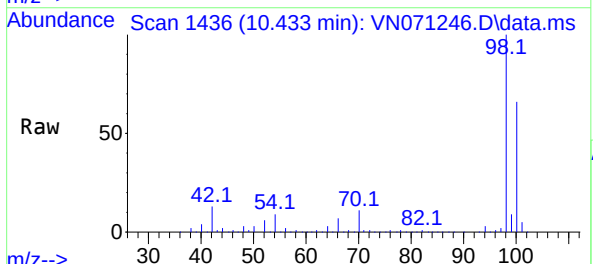
Instrument :
MSVOA_N
ClientSampleId :

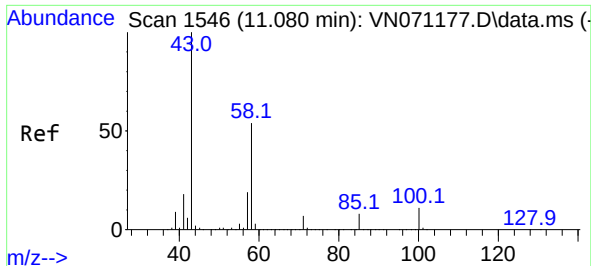
Tgt Ion: 43 Resp: 83576
Ion Ratio Lower Upper
43 100
61 1.2 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 48.249 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 98 Resp: 1519374
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

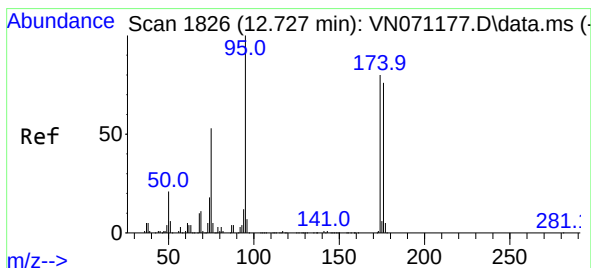
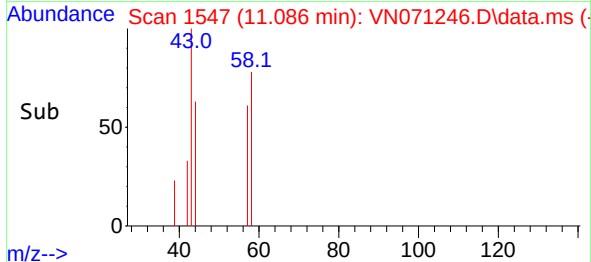
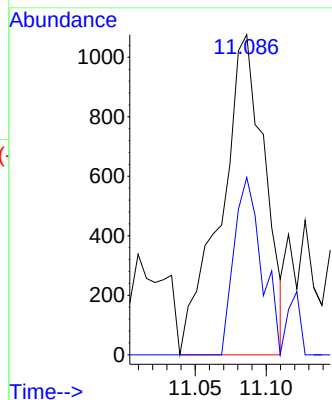
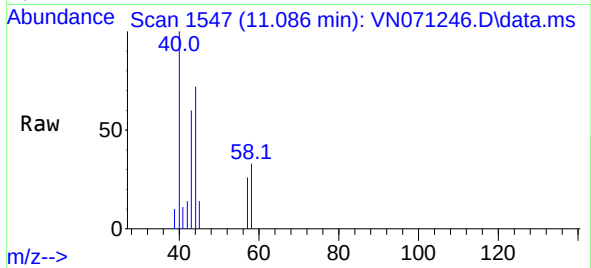




#59
2-Hexanone
Concen: 0.211 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

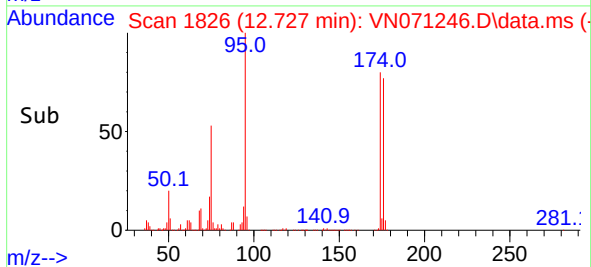
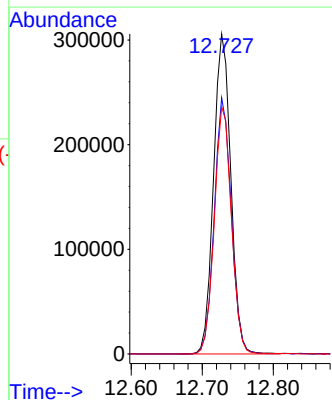
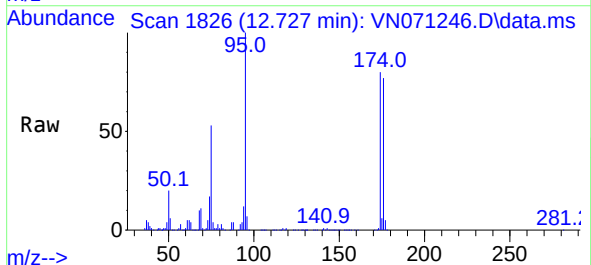
Instrument :
MSVOA_N
ClientSampleId :

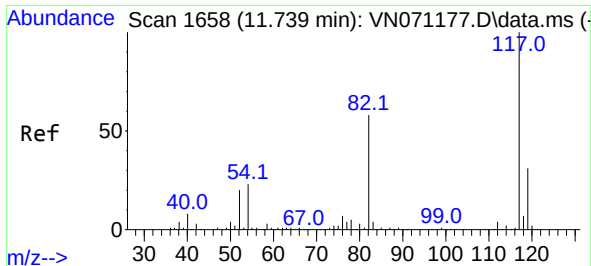
Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
58 34.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 48.267 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

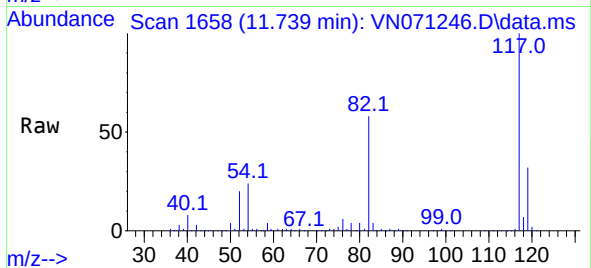
Tgt Ion: 95 Resp: 514687
Ion Ratio Lower Upper
95 100
174 79.0 0.0 187.2
176 76.7 0.0 181.4



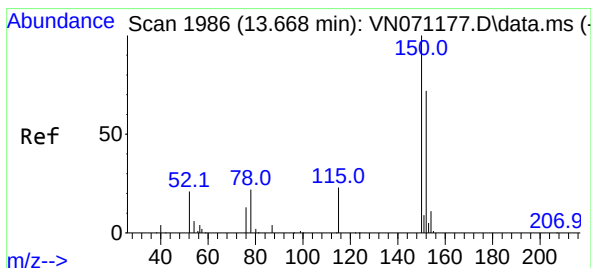
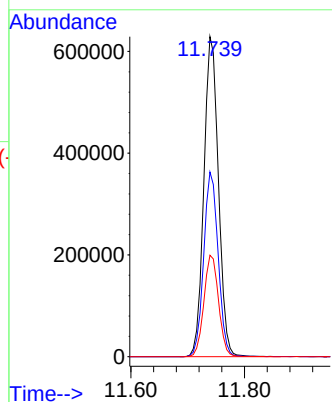


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :

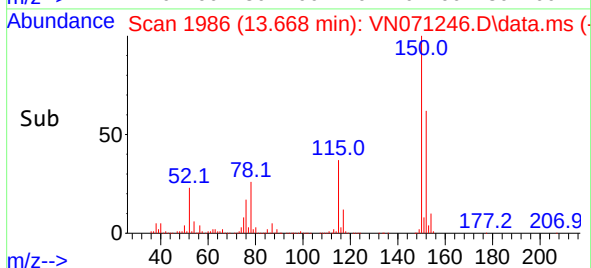
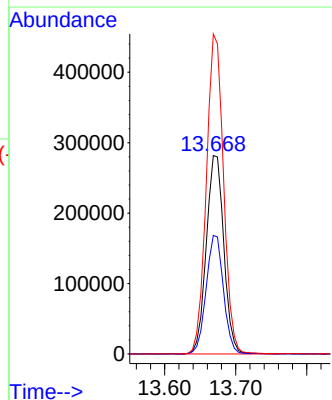
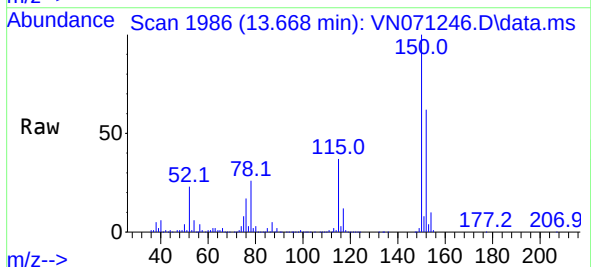


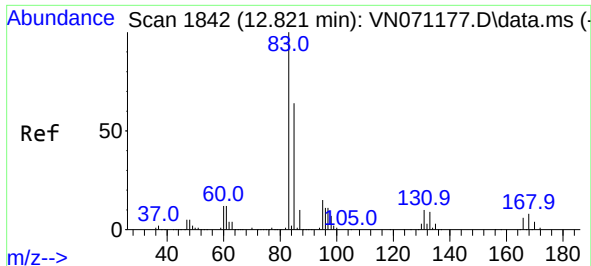
Tgt Ion:117 Resp: 1116985
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion:152 Resp: 484717
Ion Ratio Lower Upper
152 100
115 59.1 27.5 82.5
150 157.9 0.0 344.4

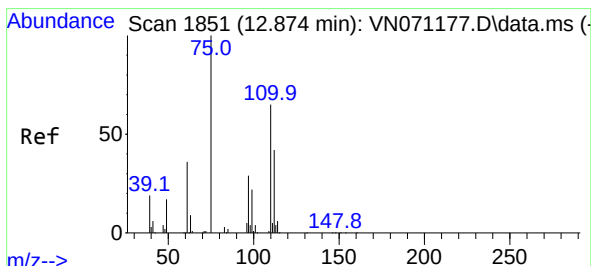
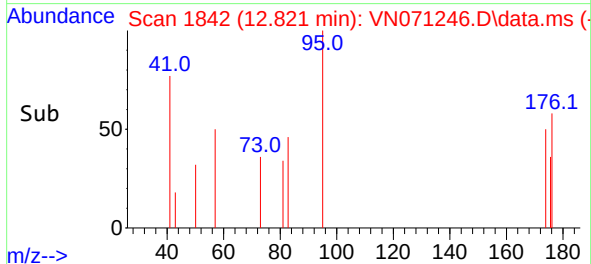
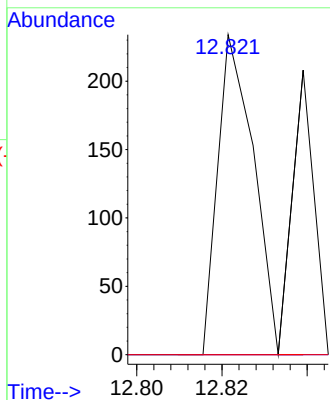
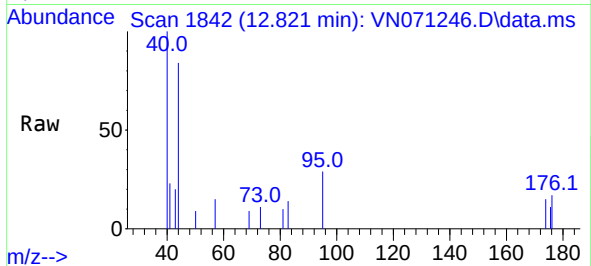




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

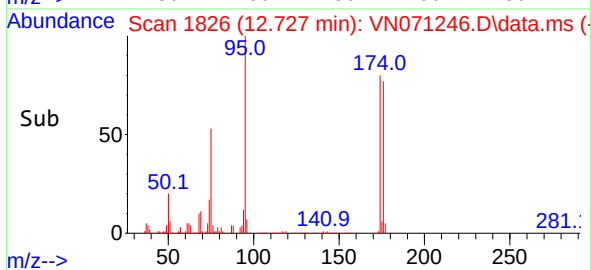
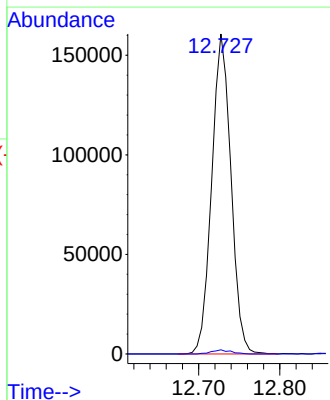
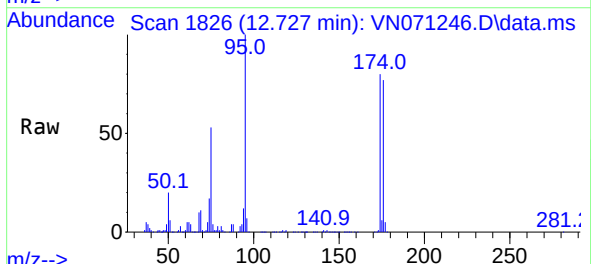
Instrument :
MSVOA_N
ClientSampleId :

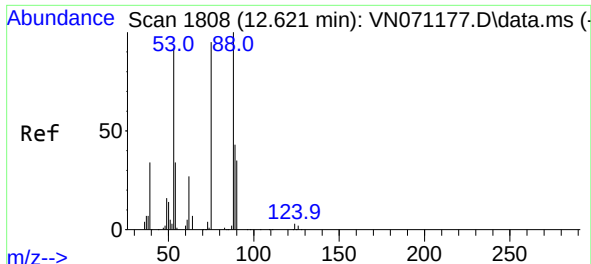
Tgt Ion: 83 Resp: 137
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 20.883 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion: 75 Resp: 264638
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

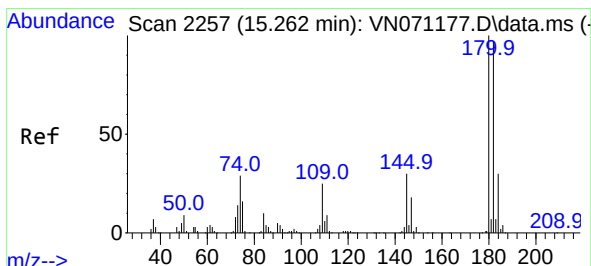
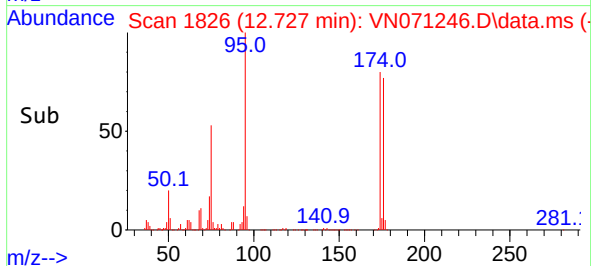
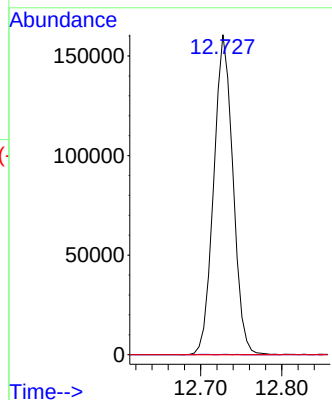
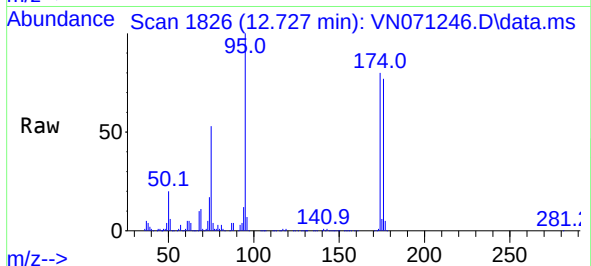




#81
trans-1,4-Dichloro-2-butene
Concen: 59.018 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

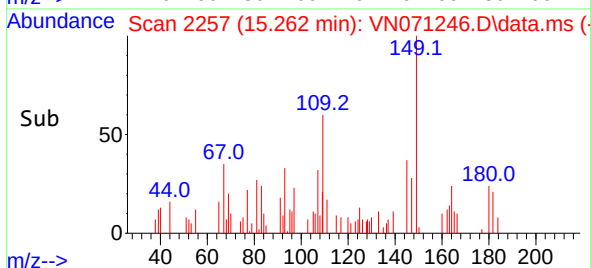
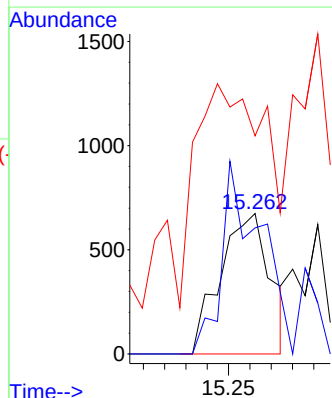
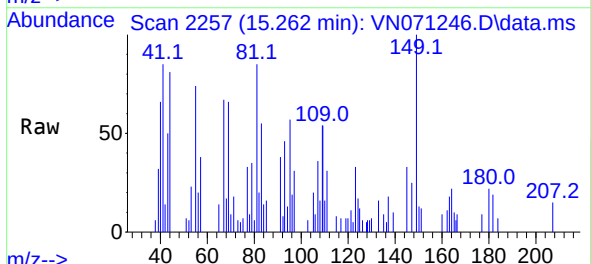
Instrument :
MSVOA_N
ClientSampleId :

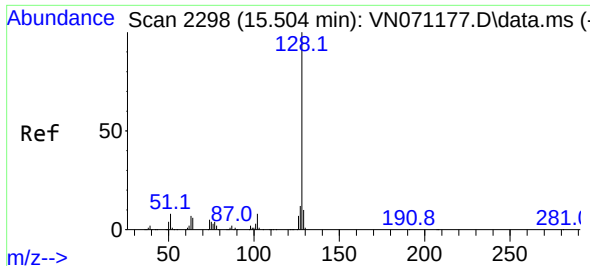
Tgt Ion: 75 Resp: 264638
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.119 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion:180 Resp: 1100
Ion Ratio Lower Upper
180 100
182 106.9 48.3 144.9
145 326.9 14.5 43.5#

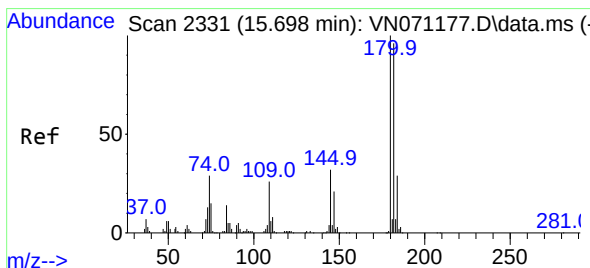
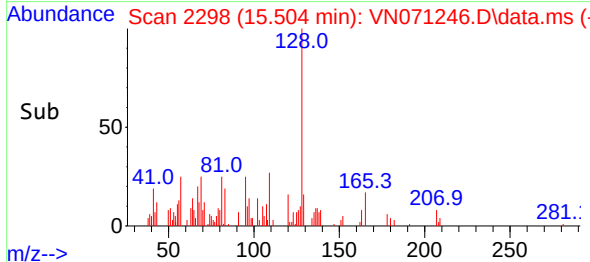
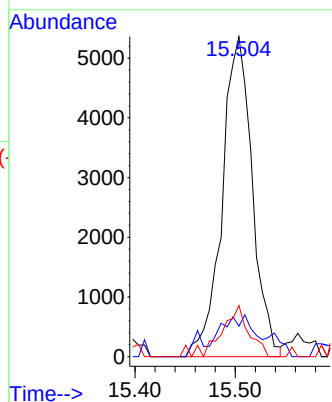
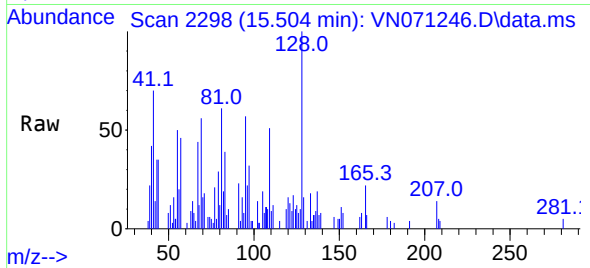




#95
Naphthalene
Concen: 5.519 ug/l
RT: 15.504 min Scan# 21173
Delta R.T. -0.000 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 11173
Ion Ratio Lower Upper
128 100
127 9.0 10.5 15.7#
129 14.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.783 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071246.D
Acq: 11 Mar 2022 13:30

Tgt Ion:180 Resp: 408
Ion Ratio Lower Upper
180 100
182 581.9 47.4 142.2#
145 797.1 15.0 45.1#

