

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071166.D
 Acq On : 04 Mar 2022 13:16
 Operator : JC\MD
 Sample : N1776-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 04 22:16:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

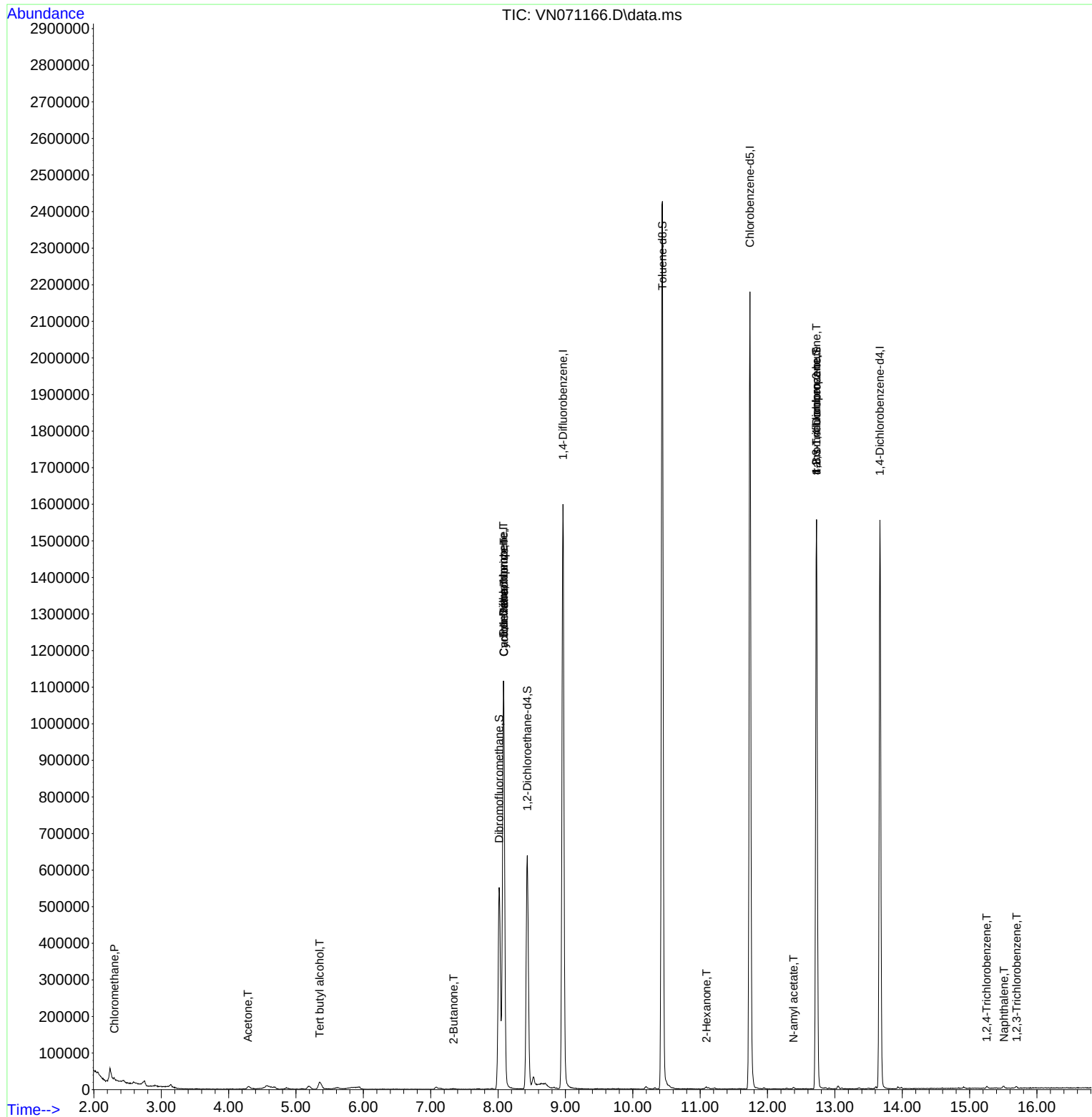
Internal Standards						
1) Pentafluorobenzene	8.081	168	868722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1410502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1256760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	433227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	535406	53.953	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.900%	
35) Dibromofluoromethane	8.016	113	413724	49.314	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.620%	
50) Toluene-d8	10.439	98	1699301	50.436	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.727	95	565291	46.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3049	0.269	ug/l	95
11) Tert butyl alcohol	5.351	59	35637	19.705	ug/l	96
16) Acetone	4.287	43	6960	1.274	ug/l	97
25) 2-Butanone	7.339	43	3360	0.462	ug/l	90
31) Cyclohexane	8.086	56	19542	1.139	ug/l #	10
36) 1,1-Dichloropropene	8.081	75	66971	4.872	ug/l #	49
38) Carbon Tetrachloride	8.086	117	85417	6.307	ug/l #	17
59) 2-Hexanone	11.092	43	6298	0.648	ug/l	86
74) N-amyl acetate	12.386	43	2899	0.260	ug/l #	90
76) 1,2,3-Trichloropropane	12.727	75	290009	28.431	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	290009	92.130	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.251	180	2019	2.242	ug/l	97
95) Naphthalene	15.509	128	5831	5.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	2514	2.841	ug/l	86

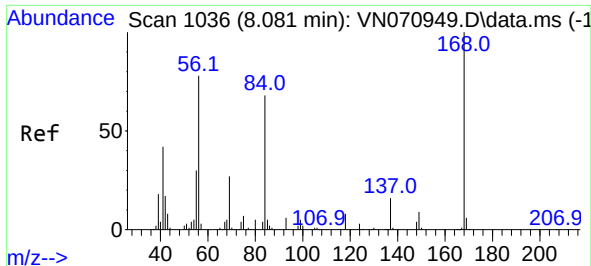
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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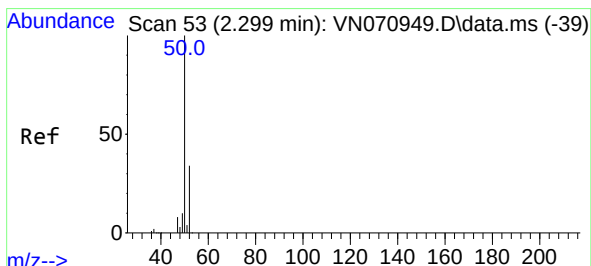
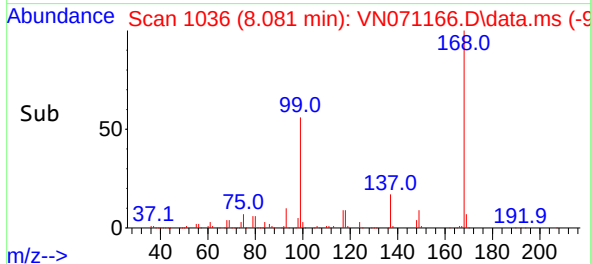
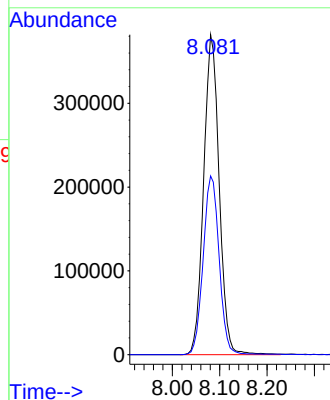
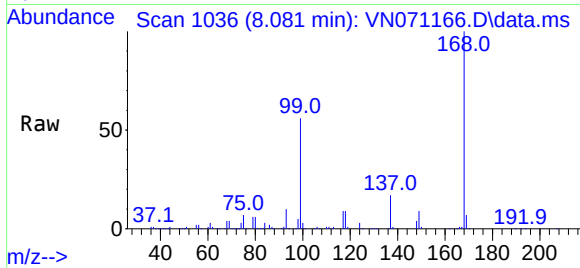




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

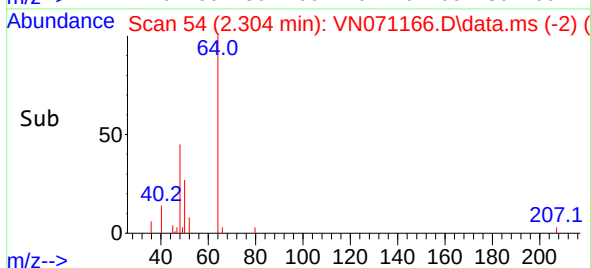
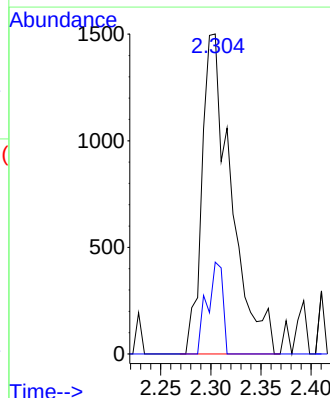
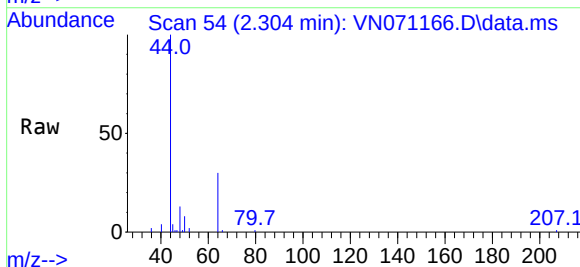
Instrument :
MSVOA_N
ClientSampleId :

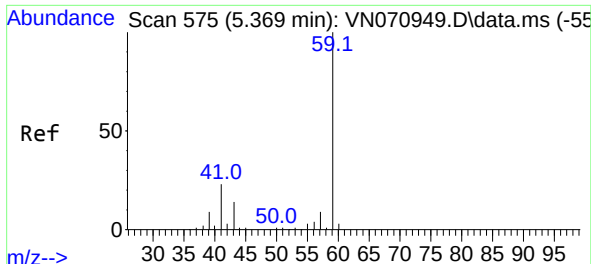
Tgt Ion:168 Resp: 868722
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion: 50 Resp: 3049
Ion Ratio Lower Upper
50 100
52 28.7 25.4 38.0





#11

Tert butyl alcohol

Concen: 19.705 ug/l

RT: 5.351 min Scan# 51

Delta R.T. -0.018 min

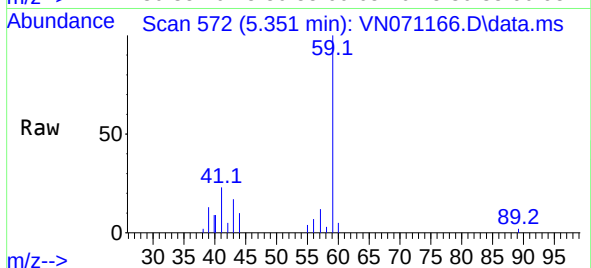
Lab File: VN071166.D

Acq: 04 Mar 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

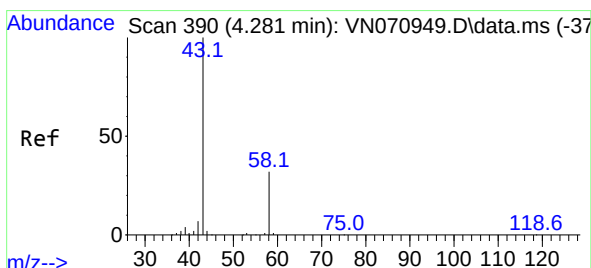
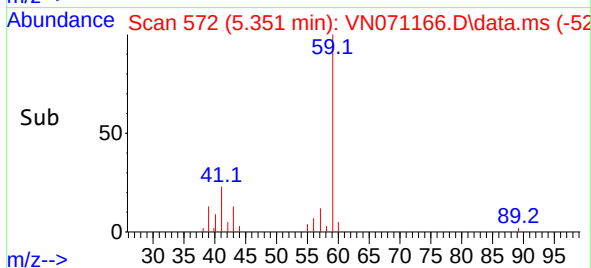
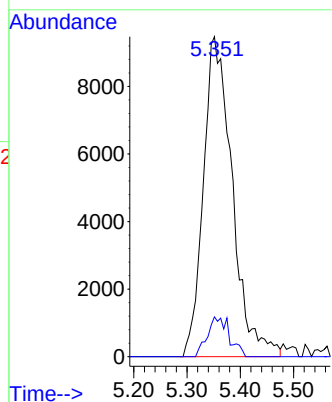


Tgt Ion: 59 Resp: 35637

Ion Ratio Lower Upper

59 100

57 9.5 8.7 13.1



#16

Acetone

Concen: 1.274 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN071166.D

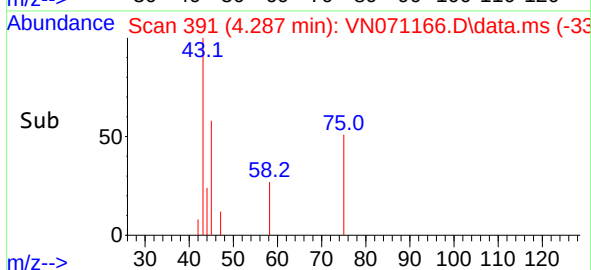
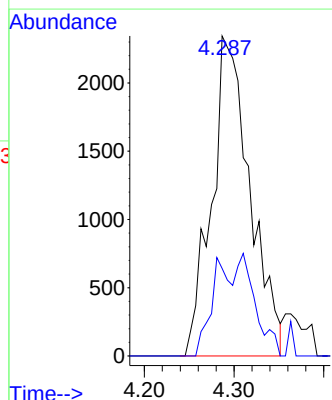
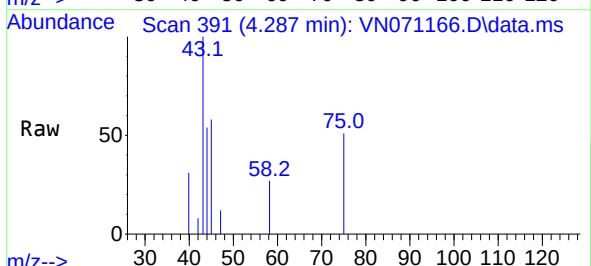
Acq: 04 Mar 2022 13:16

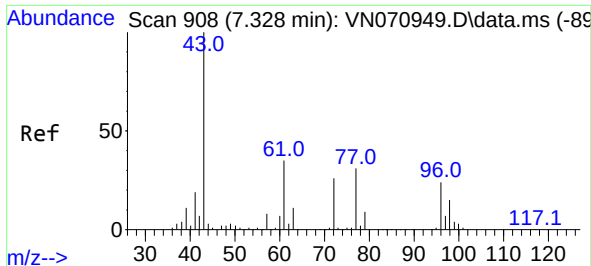
Tgt Ion: 43 Resp: 6960

Ion Ratio Lower Upper

43 100

58 27.3 23.1 34.7





#25

2-Butanone

Concen: 0.462 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.012 min

Lab File: VN071166.D

Acq: 04 Mar 2022 13:16

Instrument :

MSVOA_N

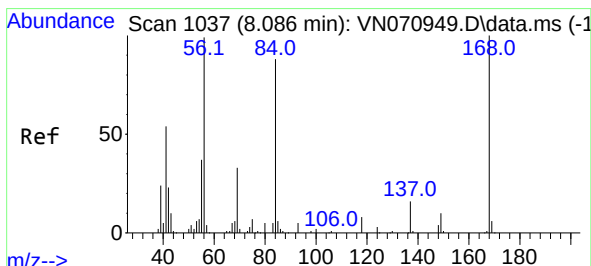
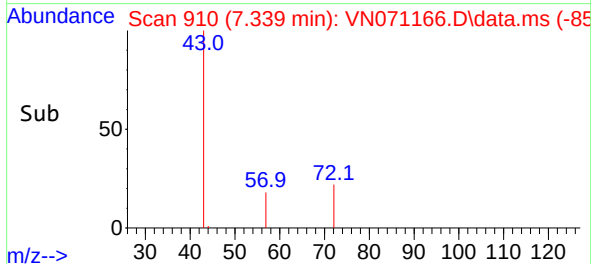
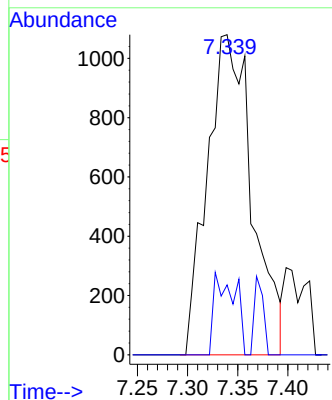
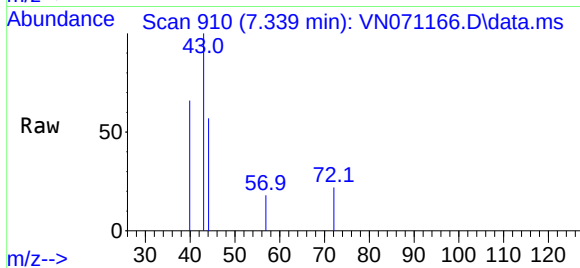
ClientSampleId :

Tgt Ion: 43 Resp: 3360

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VN071166.D

Acq: 04 Mar 2022 13:16

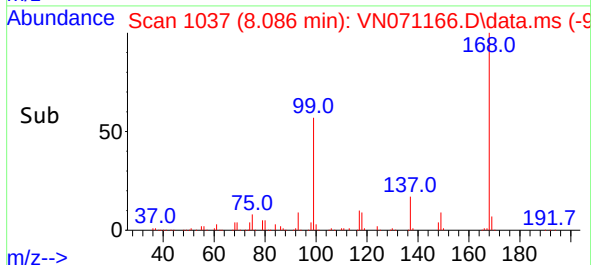
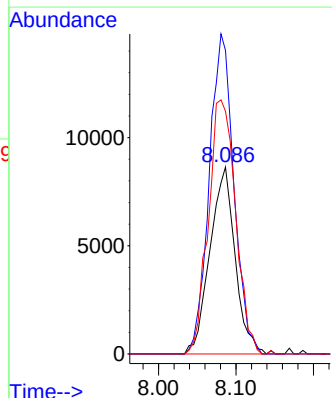
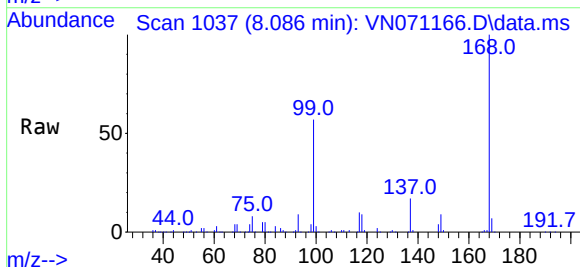
Tgt Ion: 56 Resp: 19542

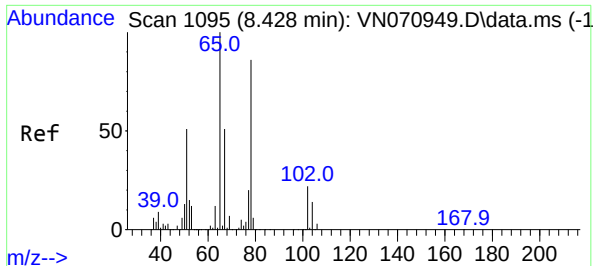
Ion Ratio Lower Upper

56 100

69 162.5 27.1 40.7#

84 129.9 73.4 110.0#

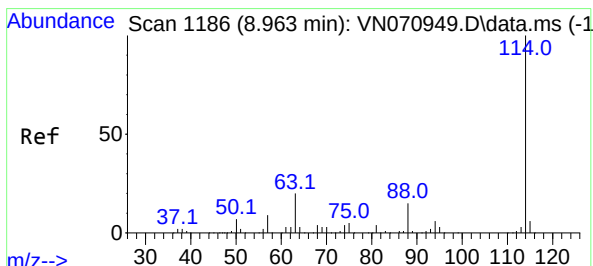
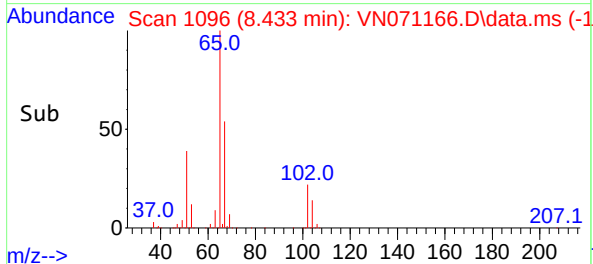
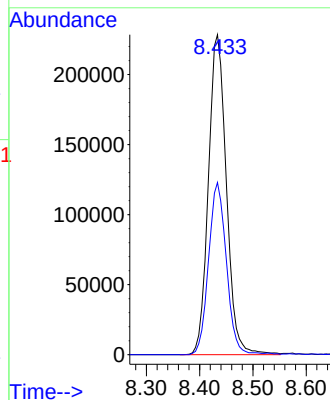
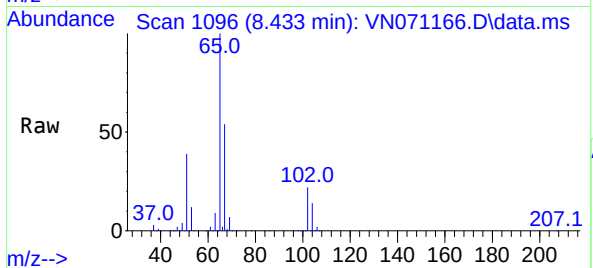




#33
1,2-Dichloroethane-d4
Concen: 53.953 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

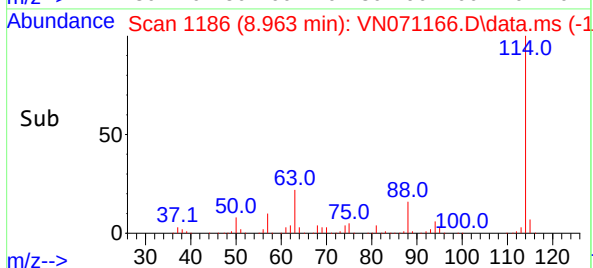
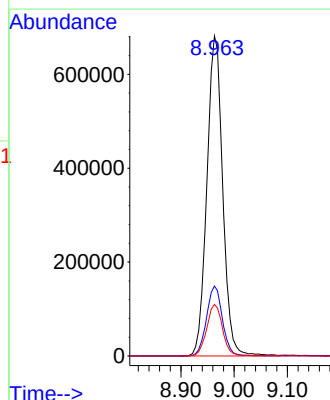
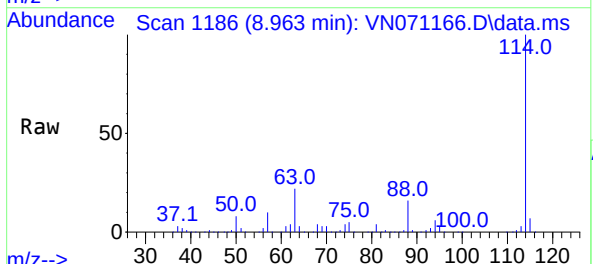
Instrument :
MSVOA_N
ClientSampleId :

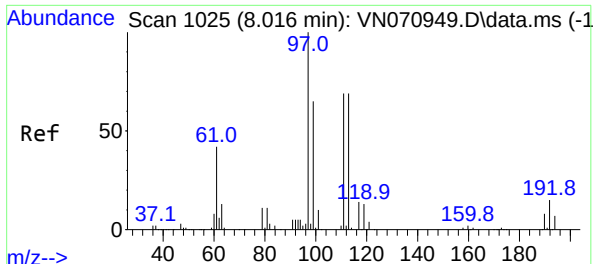
Tgt Ion: 65 Resp: 535406
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

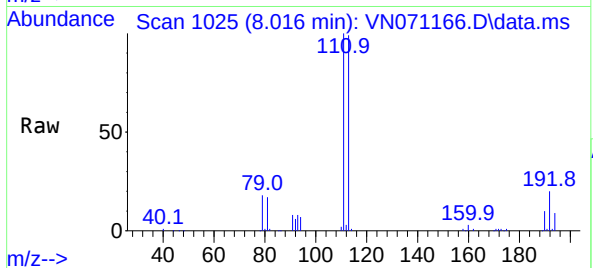
Tgt Ion:114 Resp: 1410502
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.1 0.0 27.4



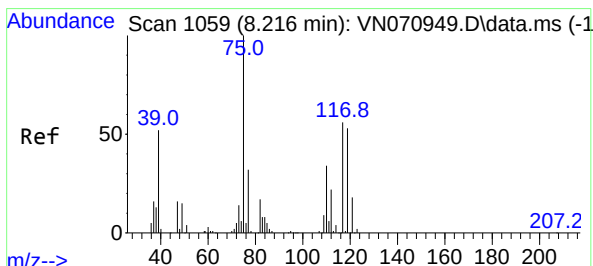
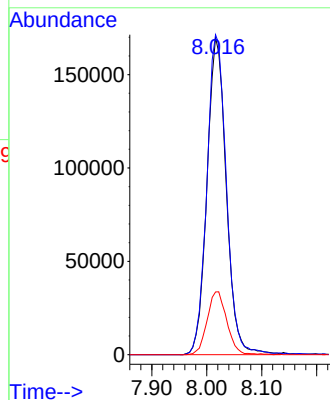
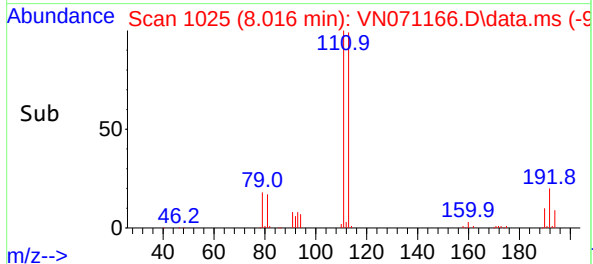


#35
Dibromofluoromethane
Concen: 49.314 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

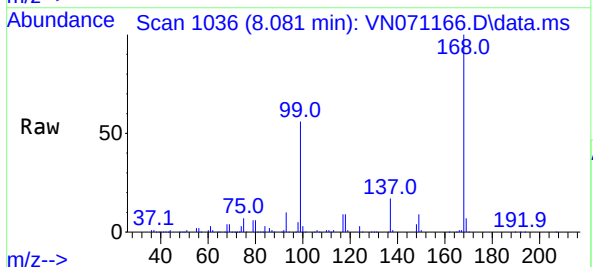
Instrument :
MSVOA_N
ClientSampleId :



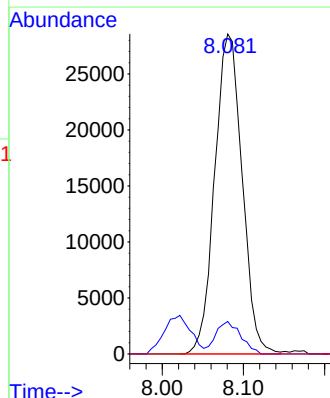
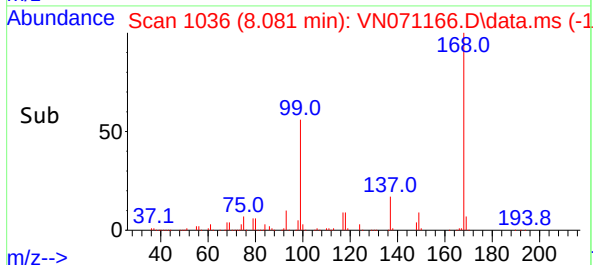
Tgt Ion:113 Resp: 413724
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.2 16.9 25.3

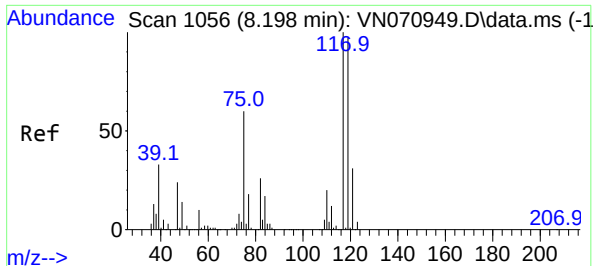


#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16



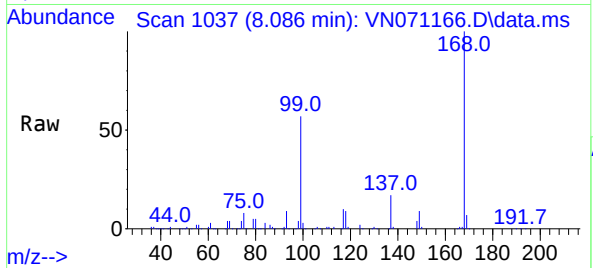
Tgt Ion: 75 Resp: 66971
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.4 36.6#



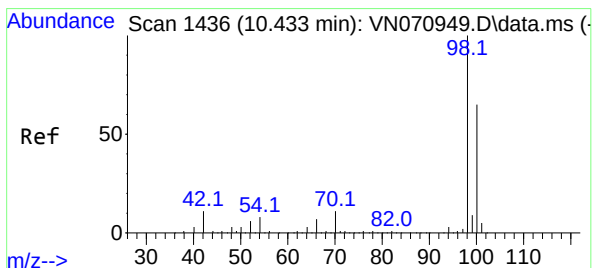
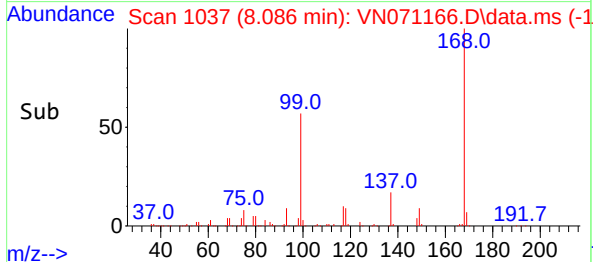
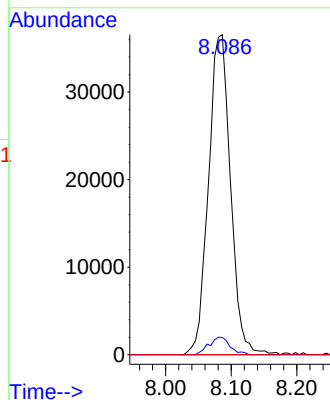


#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 8.086 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

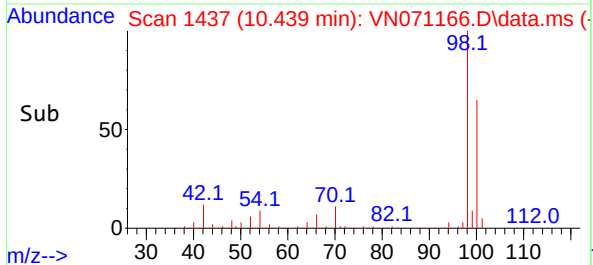
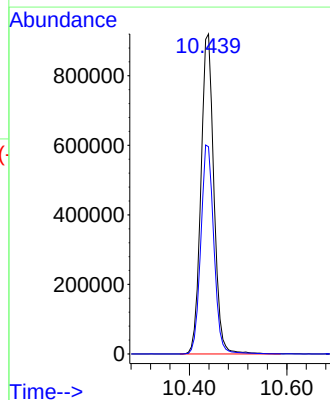
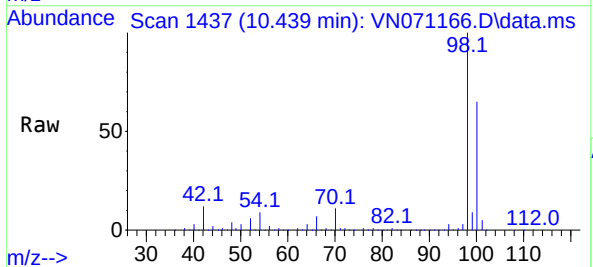


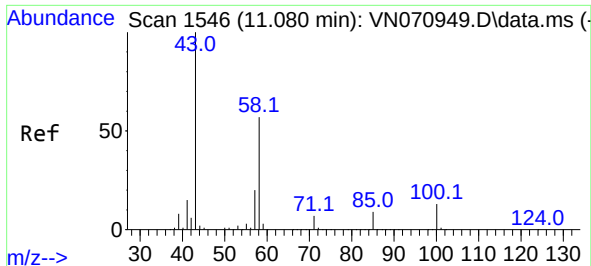
Tgt Ion:117 Resp: 85417
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion: 98 Resp: 1699301
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6

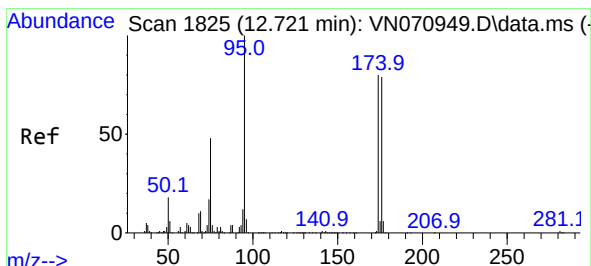
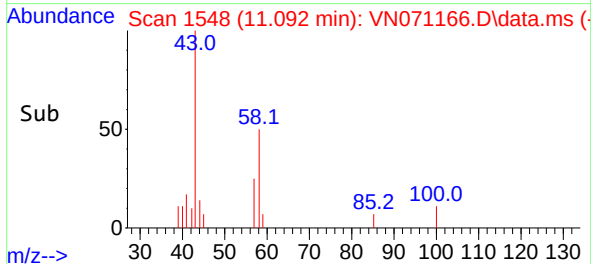
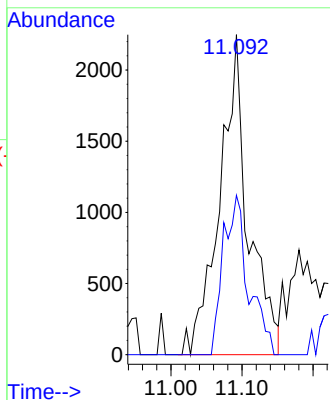
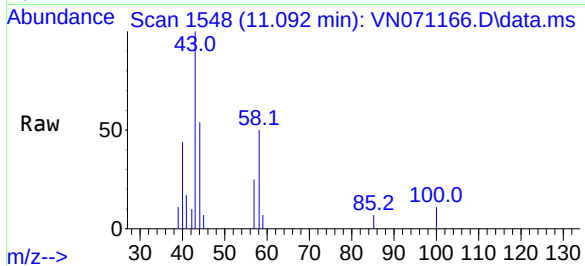




#59
2-Hexanone
Concen: 0.648 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

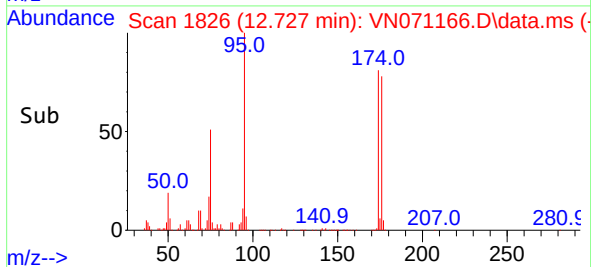
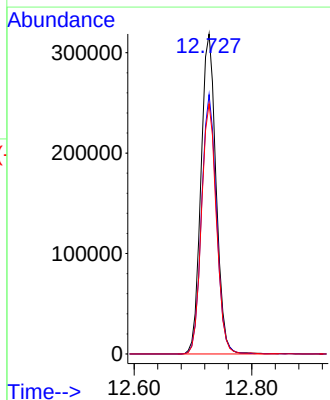
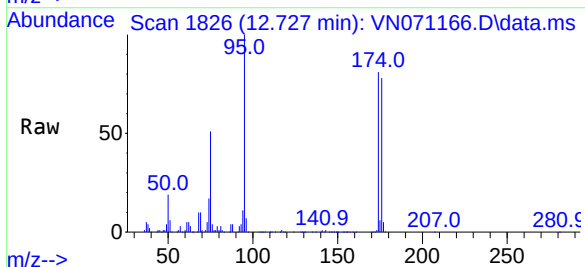
Instrument :
MSVOA_N
ClientSampleId :

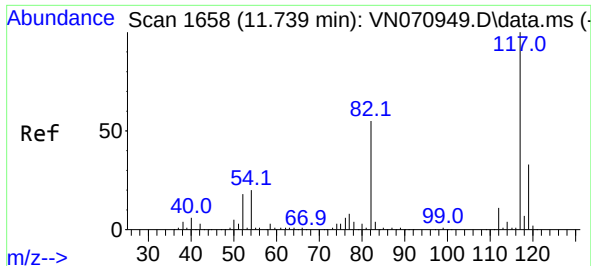
Tgt Ion: 43 Resp: 6298
Ion Ratio Lower Upper
43 100
58 43.7 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 46.939 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion: 95 Resp: 565291
Ion Ratio Lower Upper
95 100
174 80.1 0.0 187.2
176 77.4 0.0 181.4

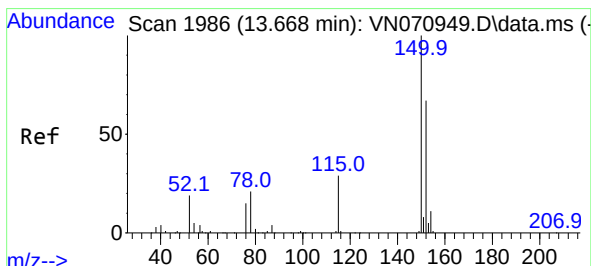
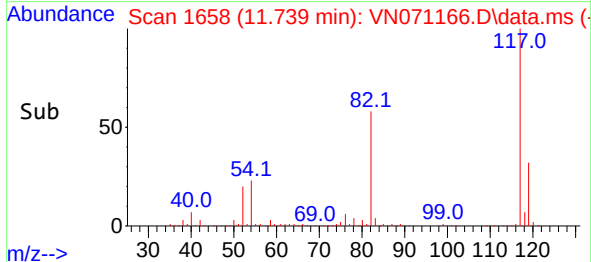
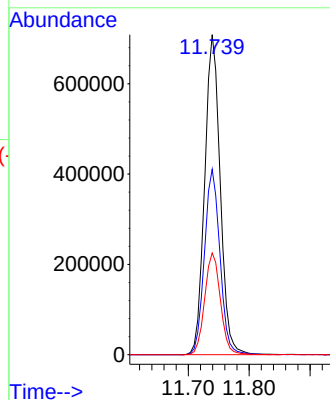
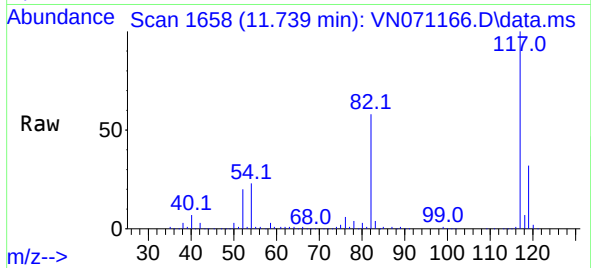




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

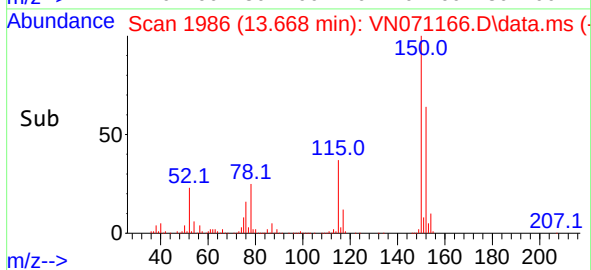
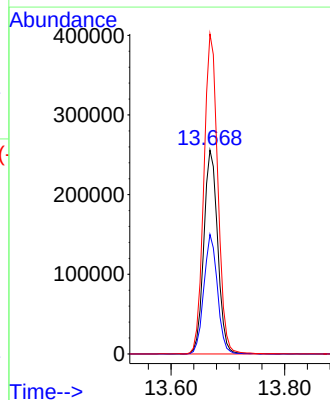
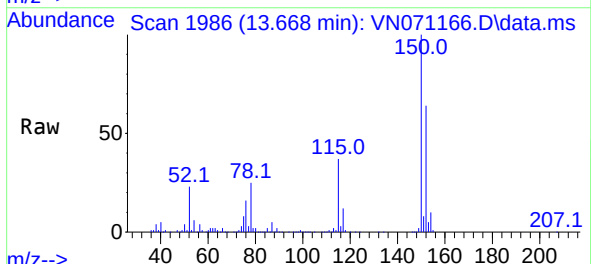
Instrument :
MSVOA_N
ClientSampleId :

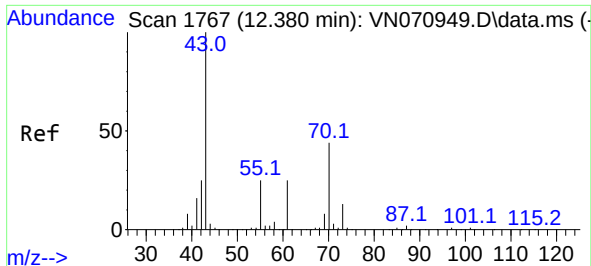
Tgt Ion:117 Resp: 1256760
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

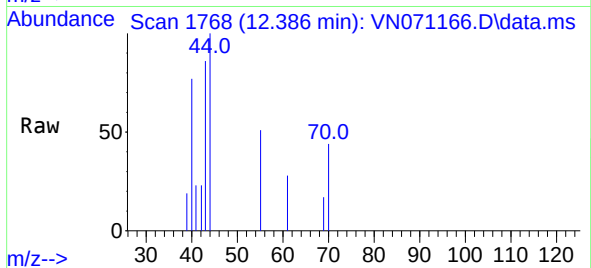
Tgt Ion:152 Resp: 433227
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 158.0 0.0 344.4



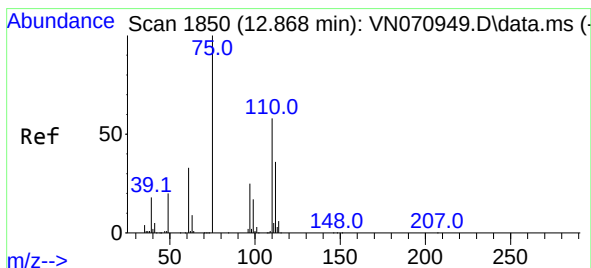
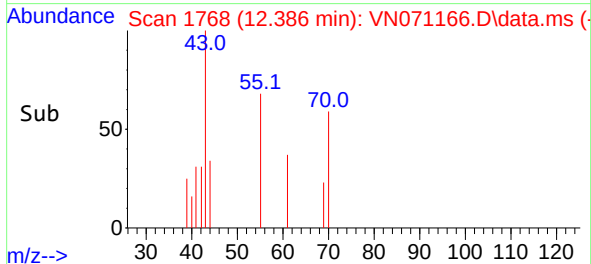
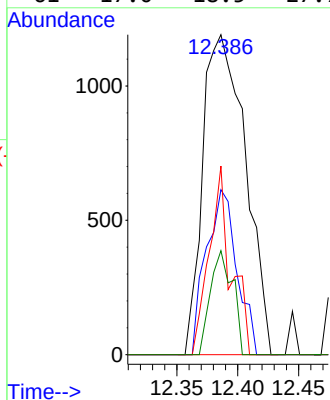


#74
N-amy1 acetate
Concen: 0.260 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

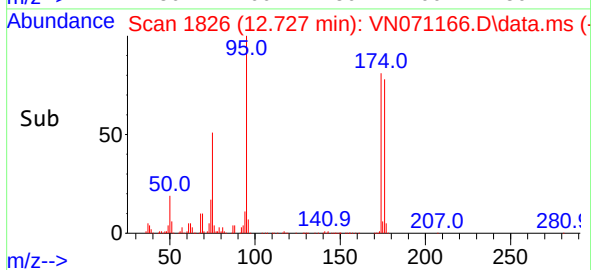
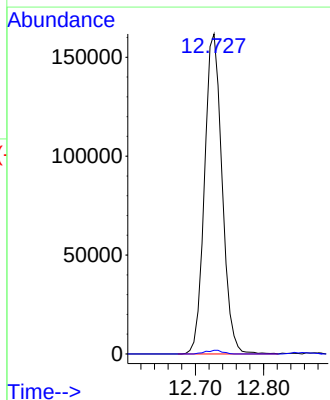
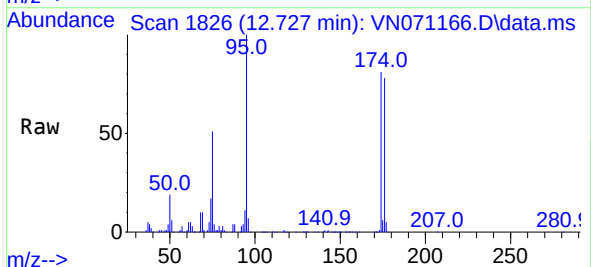


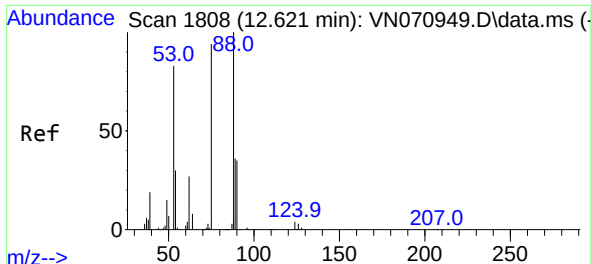
Tgt Ion: 43 Resp: 2899
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 30.1 19.3 28.9#
61 17.0 18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 28.431 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion: 75 Resp: 290009
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

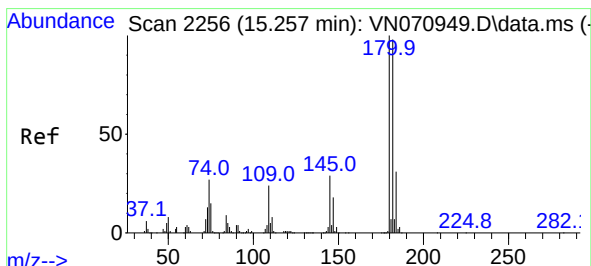
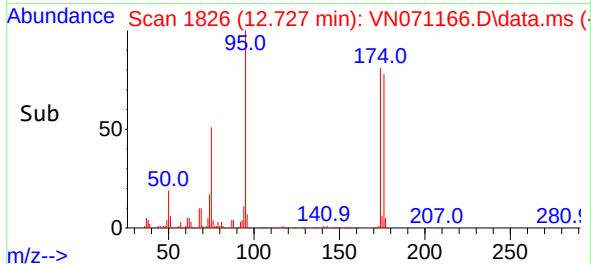
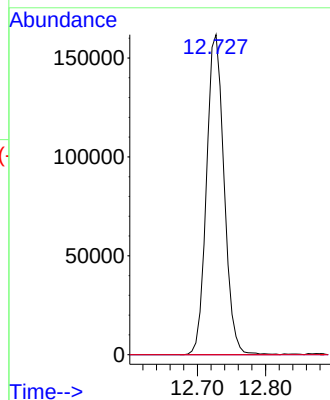
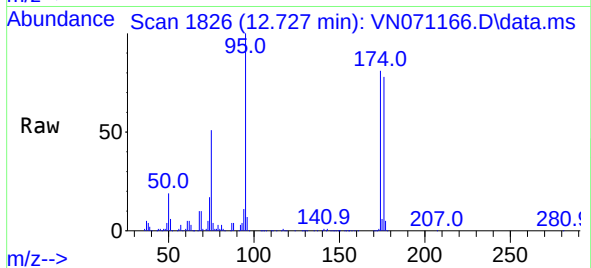




#81
trans-1,4-Dichloro-2-butene
Concen: 92.130 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

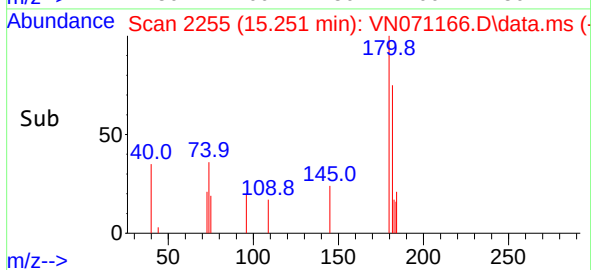
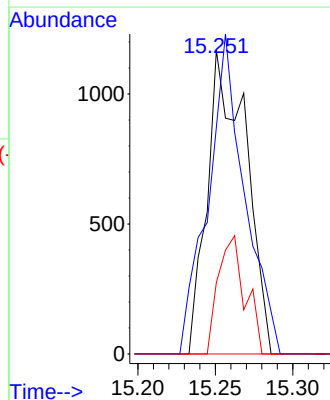
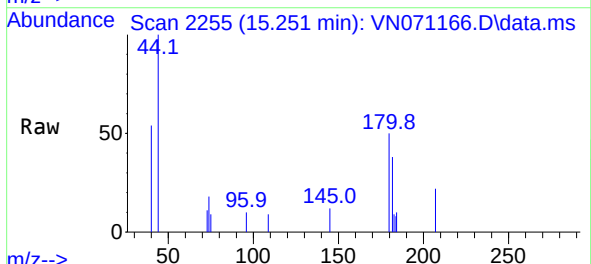
Instrument :
MSVOA_N
ClientSampleId :

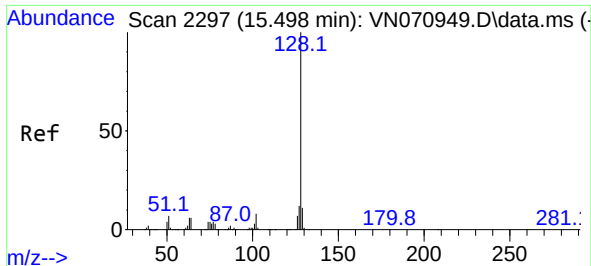
Tgt Ion: 75 Resp: 290009
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.242 ug/l
RT: 15.251 min Scan# 2255
Delta R.T. -0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion:180 Resp: 2019
Ion Ratio Lower Upper
180 100
182 99.7 48.3 144.9
145 27.1 14.5 43.5

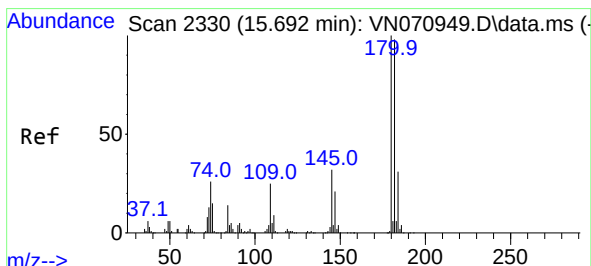
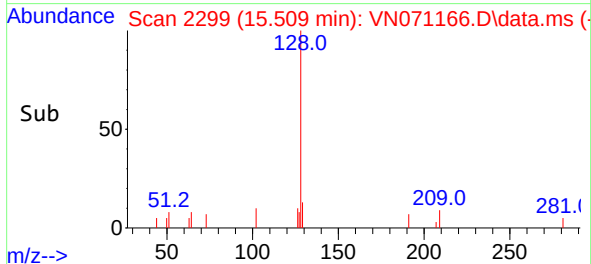
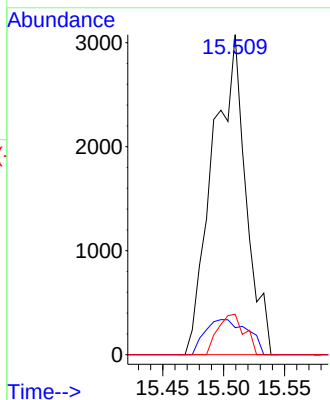
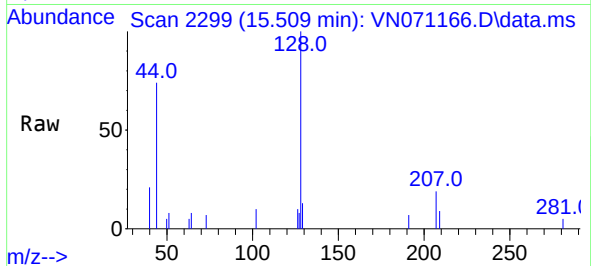




#95
Naphthalene
Concen: 5.261 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5831
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.841 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

Tgt Ion:180 Resp: 2514
Ion Ratio Lower Upper
180 100
182 80.0 47.4 142.2
145 25.7 15.0 45.1

