

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071007.D
 Acq On : 18 Feb 2022 17:51
 Operator : JC\MD
 Sample : N1587-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PRPH-1-GW

Quant Time: Feb 19 04:10:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

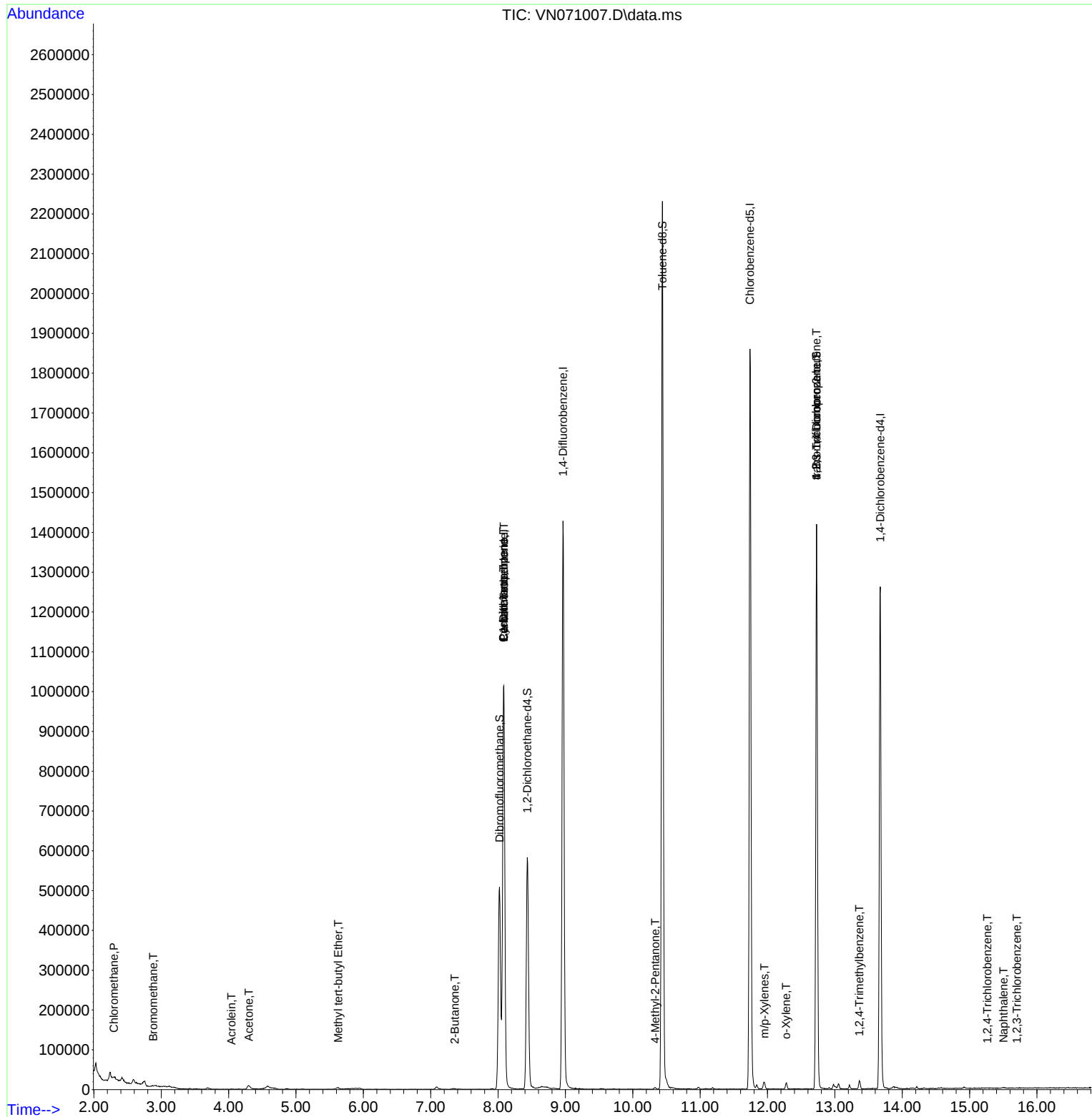
Internal Standards						
1) Pentafluorobenzene	8.086	168	818944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1284840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1124998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	371122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	490302	52.411	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.820%	
35) Dibromofluoromethane	8.022	113	375219	49.098	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.200%	
50) Toluene-d8	10.439	98	1543414	50.289	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.727	95	503046	45.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	2890	0.270	ug/l	95
5) Bromomethane	2.881	94	1381	0.227	ug/l #	71
13) Acrolein	4.040	56	611	0.401	ug/l #	45
16) Acetone	4.298	43	13619	2.643	ug/l	99
18) Methyl Acetate	4.875	43	2808	Below Cal	#	51
19) Methyl tert-butyl Ether	5.628	73	6053	0.215	ug/l	95
25) 2-Butanone	7.357	43	3273	0.478	ug/l	98
31) Cyclohexane	8.080	56	15947	0.986	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	60081	4.799	ug/l #	49
38) Carbon Tetrachloride	8.086	117	78286	6.346	ug/l #	16
51) 4-Methyl-2-Pentanone	10.333	43	3653	0.284	ug/l	92
68) m/p-Xylenes	11.957	106	6814	0.416	ug/l	90
69) o-Xylene	12.274	106	4202	0.262	ug/l	89
76) 1,2,3-Trichloropropane	12.727	75	247949	28.375	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	247949	91.950	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.362	105	12204	0.512	ug/l	100
93) 1,2,4-Trichlorobenzene	15.262	180	555	2.077	ug/l #	61
95) Naphthalene	15.503	128	3356	5.172	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.703	180	454	2.584	ug/l #	77

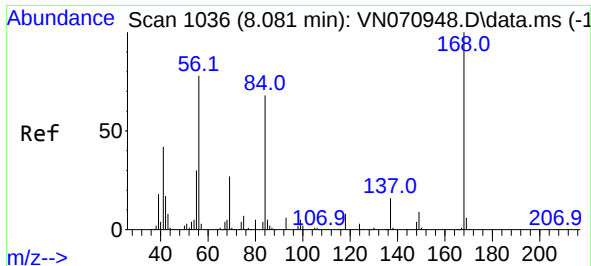
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
Data File : VN071007.D
Acq On : 18 Feb 2022 17:51
Operator : JC\MD
Sample : N1587-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

Quant Time: Feb 19 04:10:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

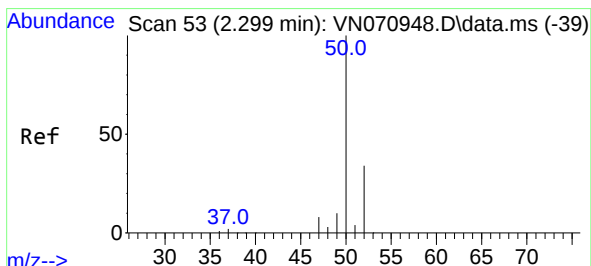
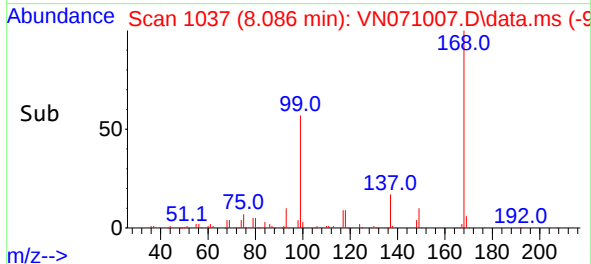
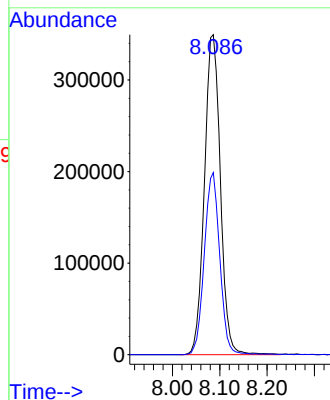
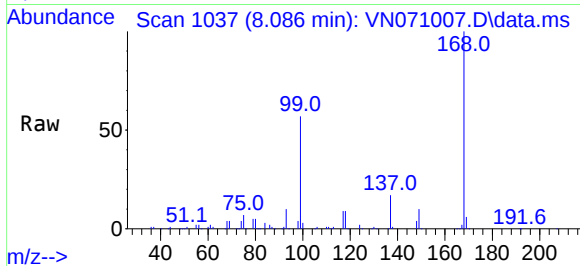




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

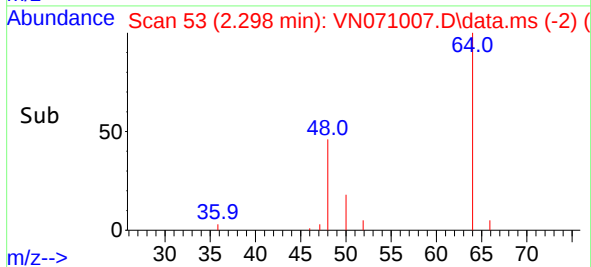
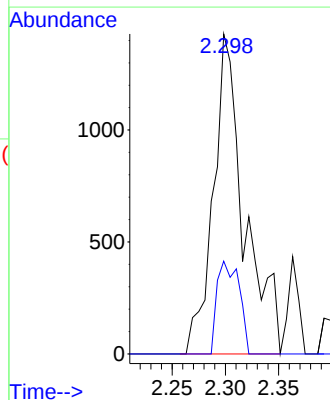
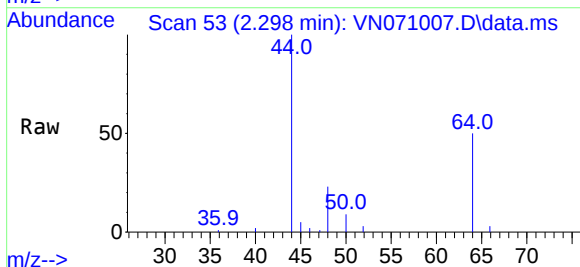
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

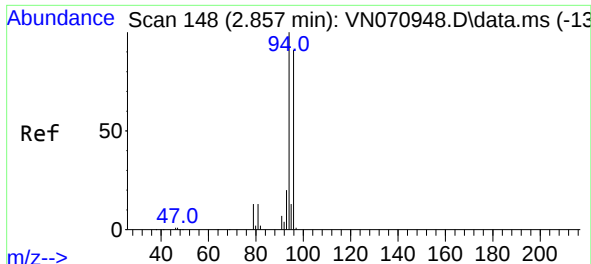
Tgt Ion:168 Resp: 818944
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#3
Chloromethane
Concen: 0.270 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 50 Resp: 2890
Ion Ratio Lower Upper
50 100
52 29.0 25.4 38.0

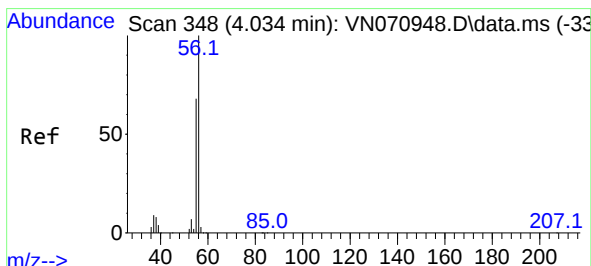
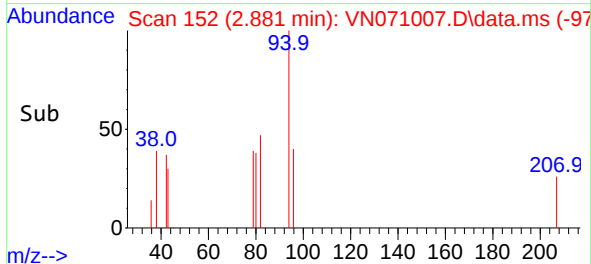
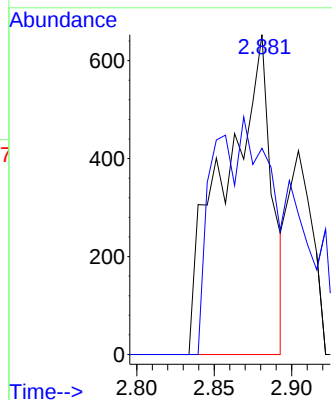
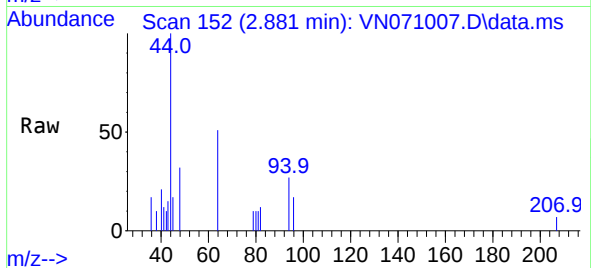




#5
Bromomethane
Concen: 0.227 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

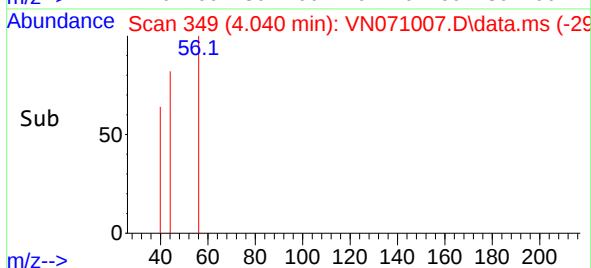
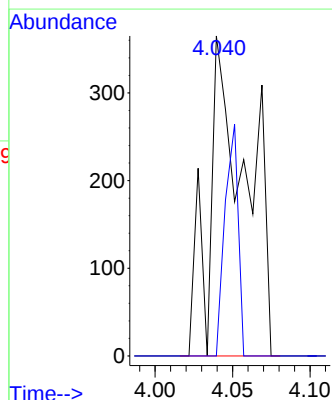
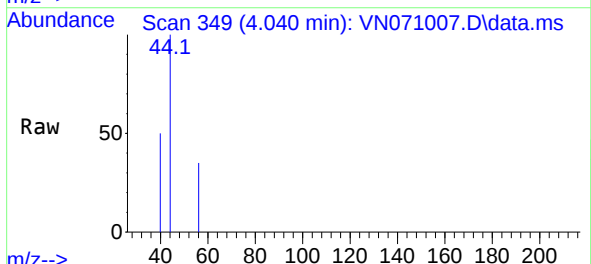
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

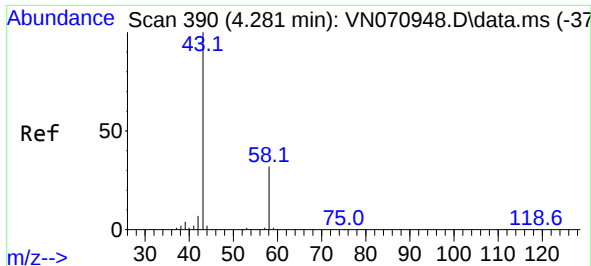
Tgt Ion: 94 Resp: 1381
Ion Ratio Lower Upper
94 100
96 64.5 73.8 110.8#



#13
Acrolein
Concen: 0.401 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 56 Resp: 611
Ion Ratio Lower Upper
56 100
55 25.5 56.6 85.0#

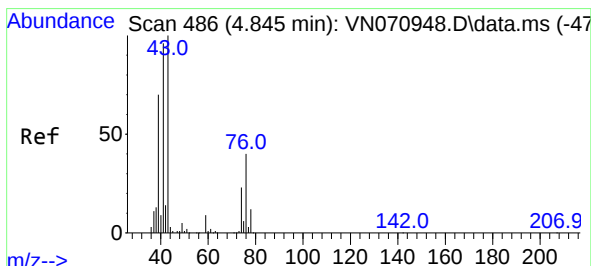
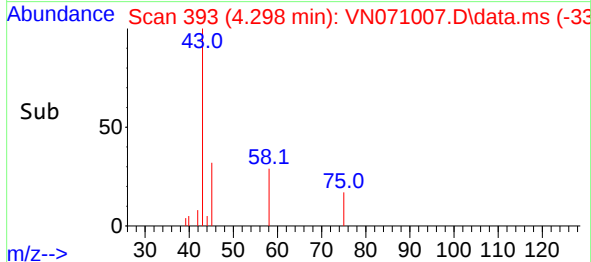
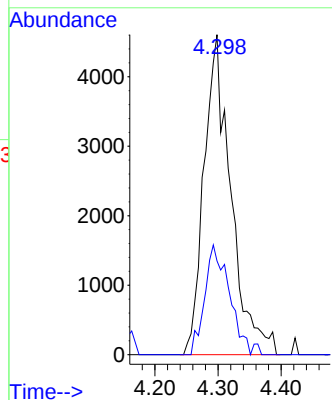
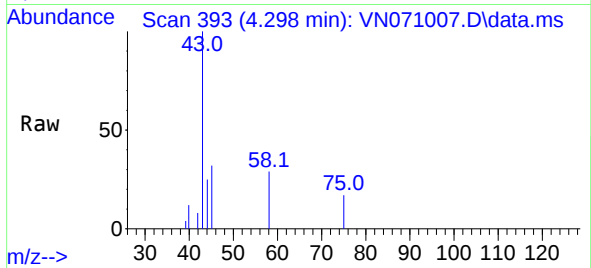




#16
Acetone
Concen: 2.643 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

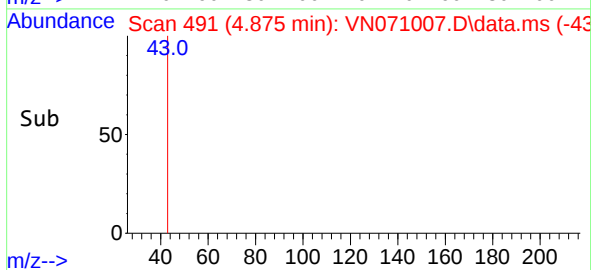
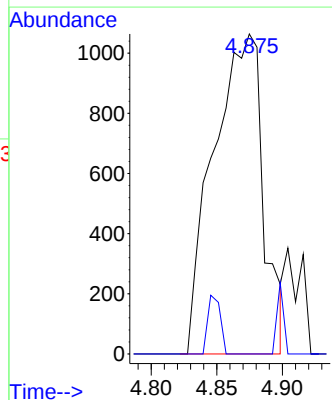
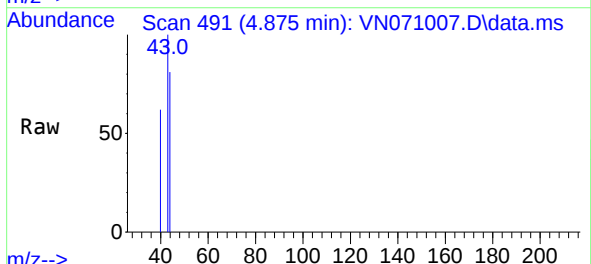
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

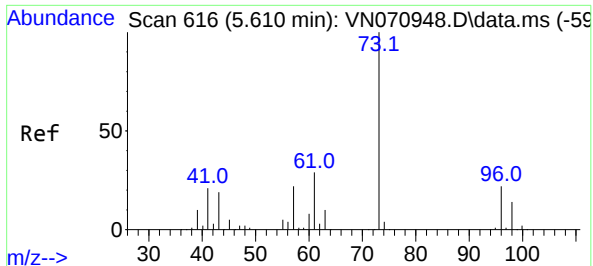
Tgt Ion: 43 Resp: 13619
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.030 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

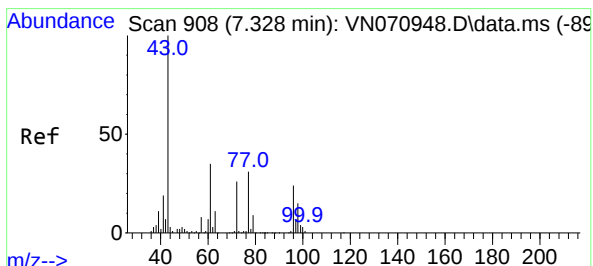
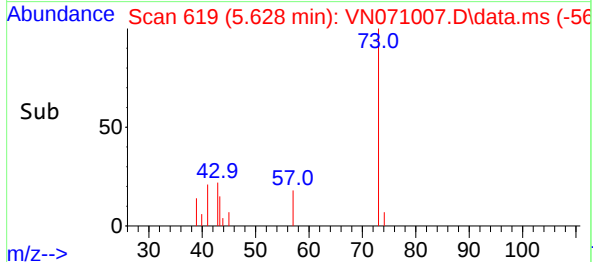
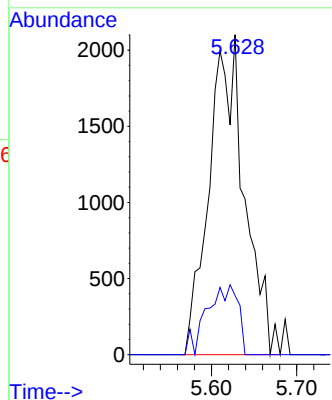
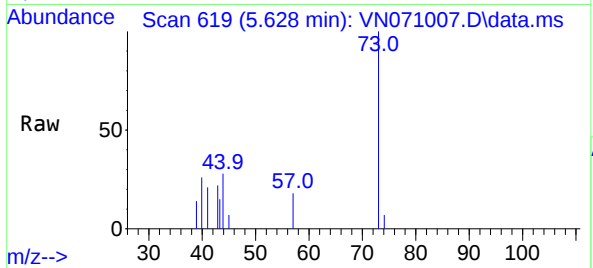




#19
Methyl tert-butyl Ether
Concen: 0.215 ug/l
RT: 5.628 min Scan# 616
Delta R.T. 0.018 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

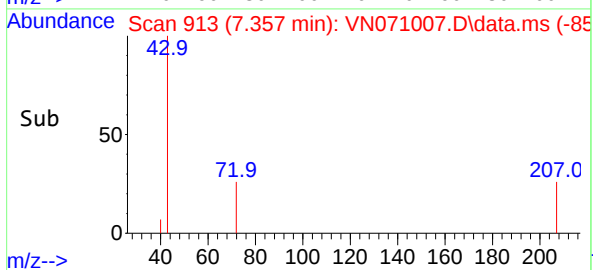
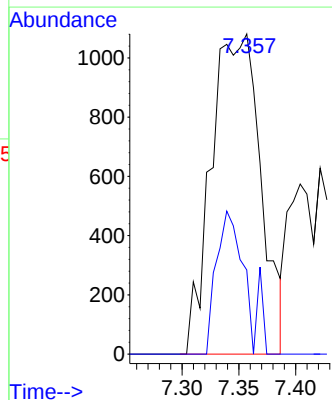
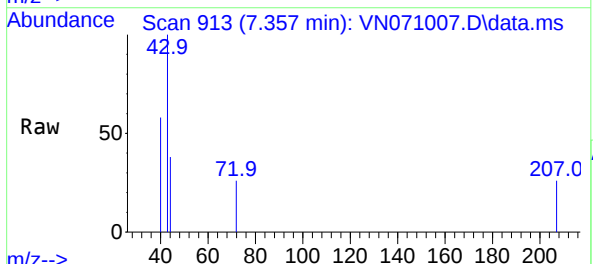
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

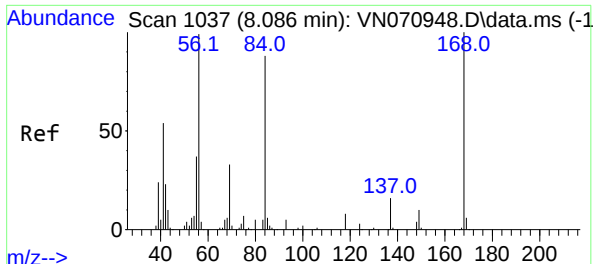
Tgt Ion: 73 Resp: 6053
Ion Ratio Lower Upper
73 100
57 18.5 16.8 25.2



#25
2-Butanone
Concen: 0.478 ug/l
RT: 7.357 min Scan# 913
Delta R.T. 0.029 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
72 26.3 21.7 32.5





#31

Cyclohexane

Concen: 0.986 ug/l

RT: 8.080 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071007.D

Acq: 18 Feb 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

PRPH-1-GW

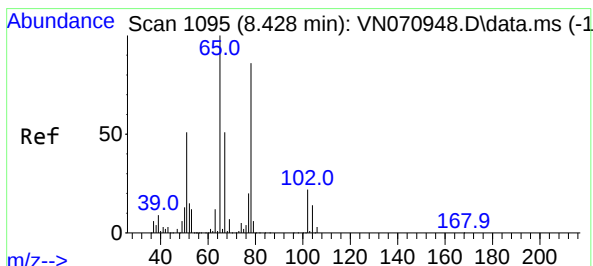
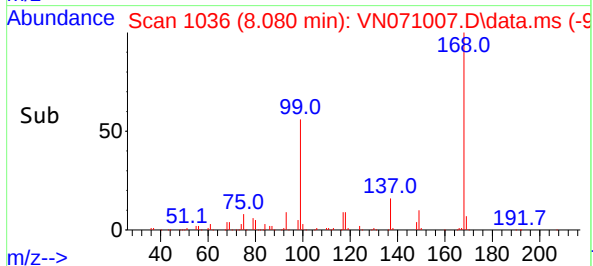
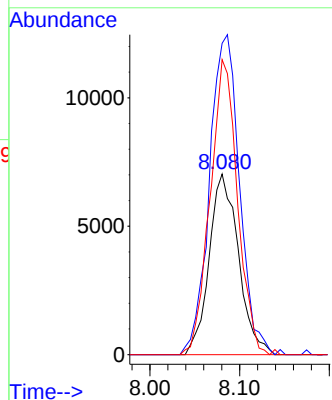
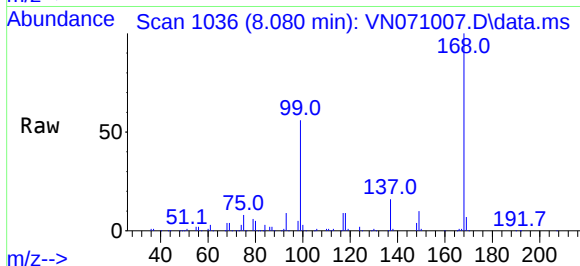
Tgt Ion: 56 Resp: 15947

Ion Ratio Lower Upper

56 100

69 172.3 27.1 40.7#

84 163.2 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 52.411 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN071007.D

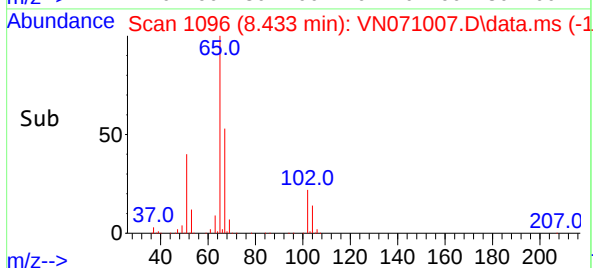
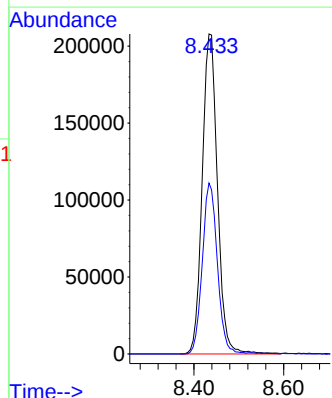
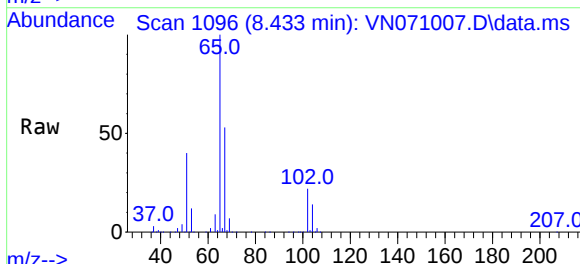
Acq: 18 Feb 2022 17:51

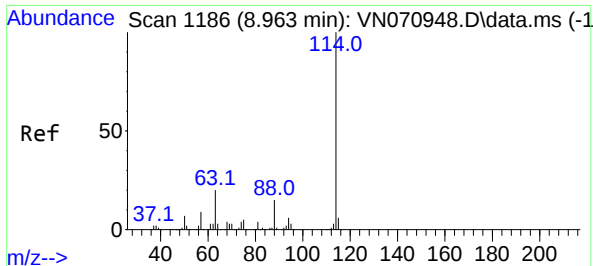
Tgt Ion: 65 Resp: 490302

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: VN071007.D

Acq: 18 Feb 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

PRPH-1-GW

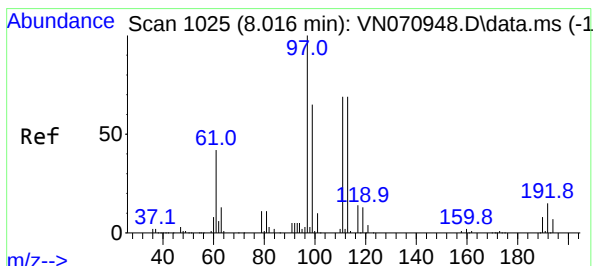
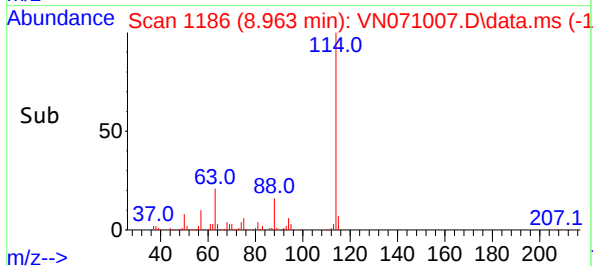
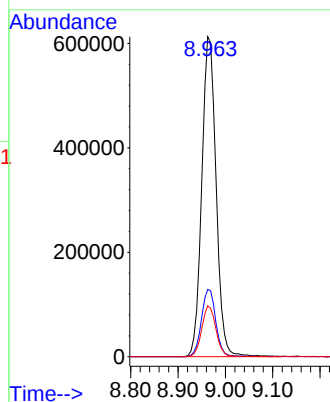
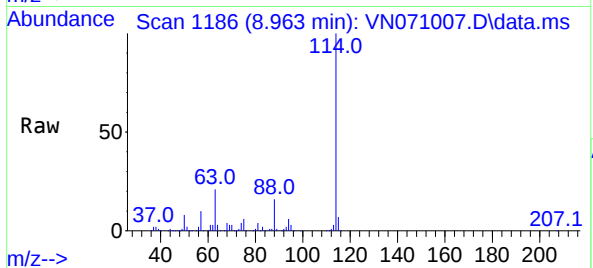
Tgt Ion:114 Resp: 1284840

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.098 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071007.D

Acq: 18 Feb 2022 17:51

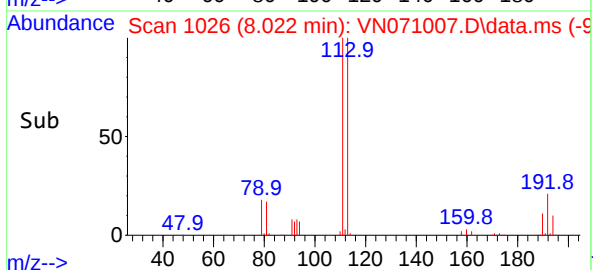
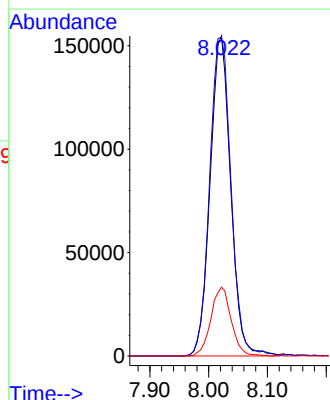
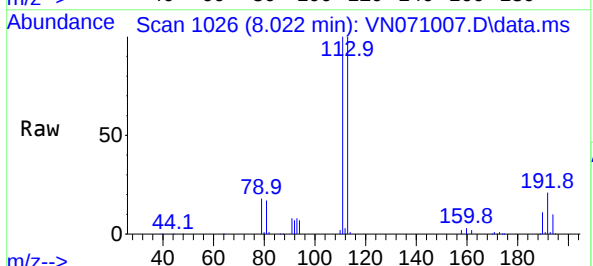
Tgt Ion:113 Resp: 375219

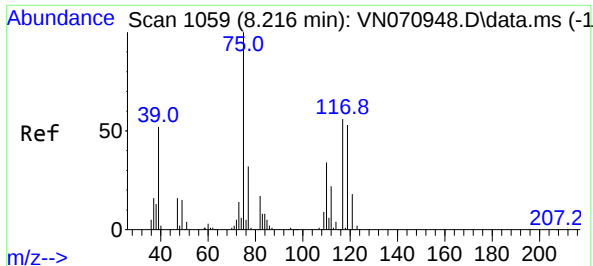
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 21.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071007.D

Acq: 18 Feb 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

PRPH-1-GW

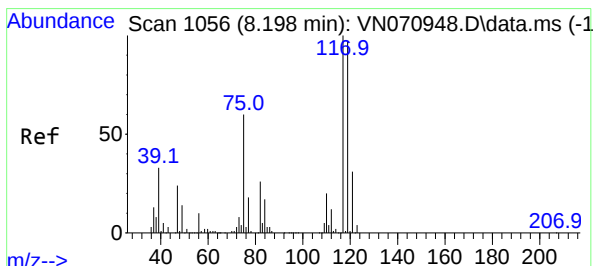
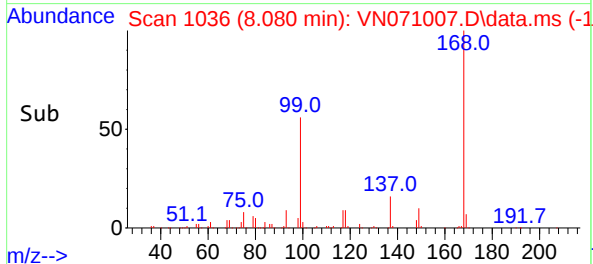
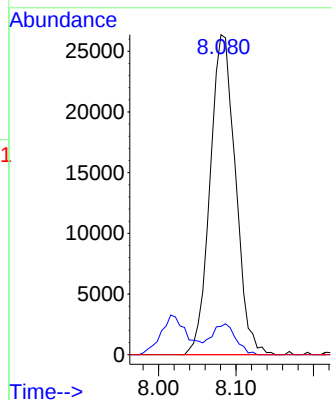
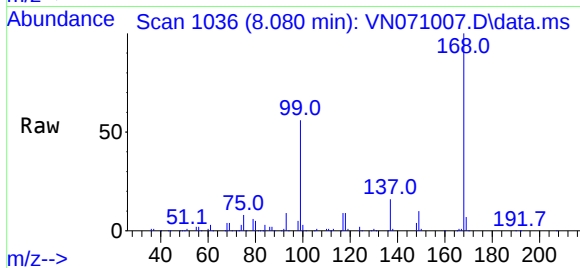
Tgt Ion: 75 Resp: 60081

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.346 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.112 min

Lab File: VN071007.D

Acq: 18 Feb 2022 17:51

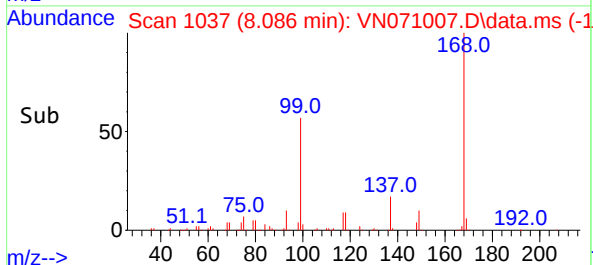
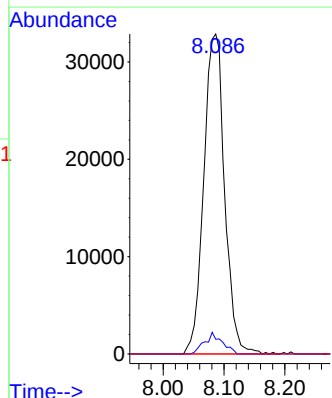
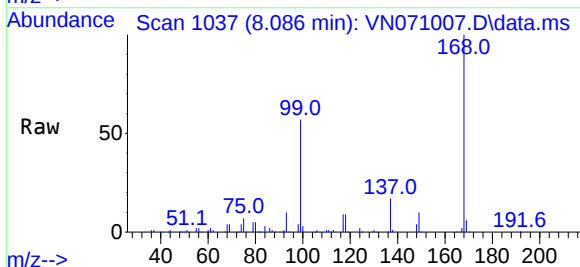
Tgt Ion: 117 Resp: 78286

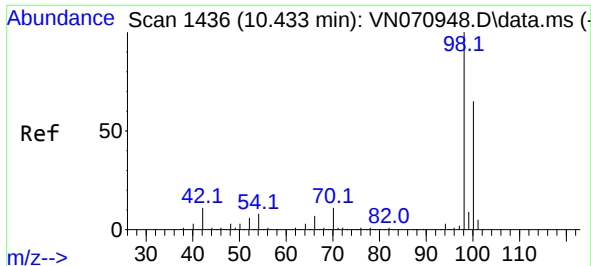
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.2 36.2#

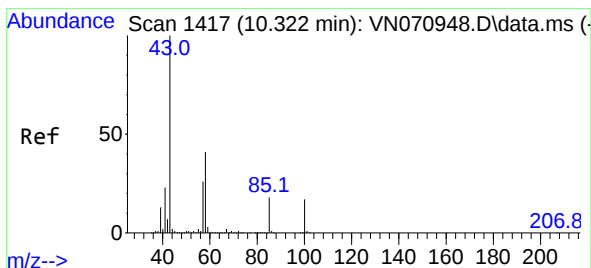
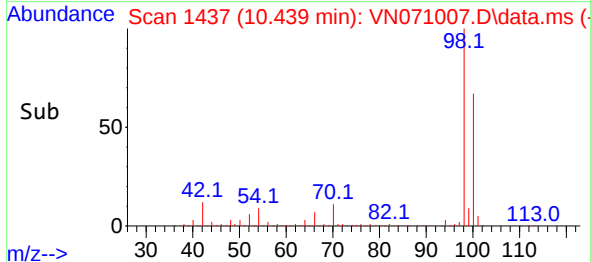
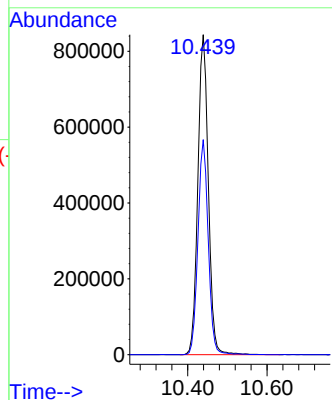
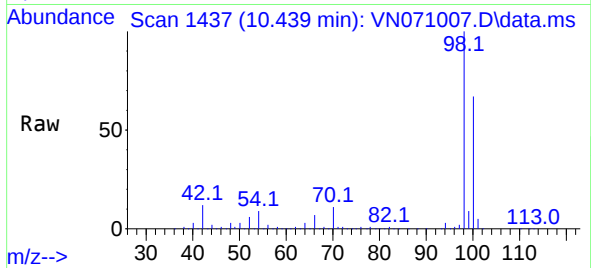




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

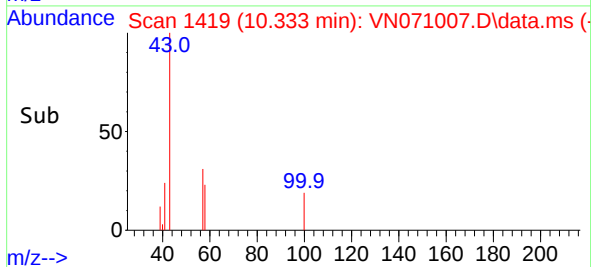
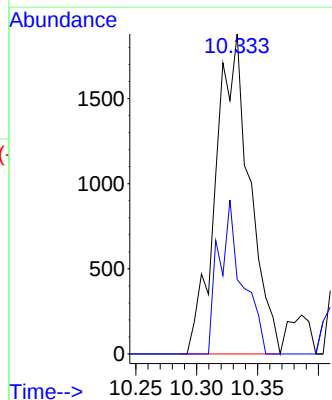
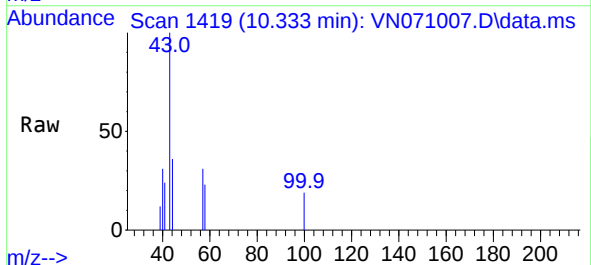
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

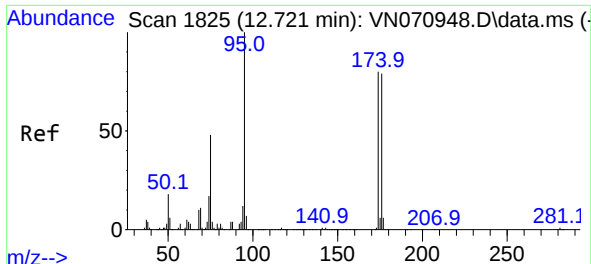
Tgt Ion: 98 Resp: 1543414
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.284 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 33.3 30.4 45.6

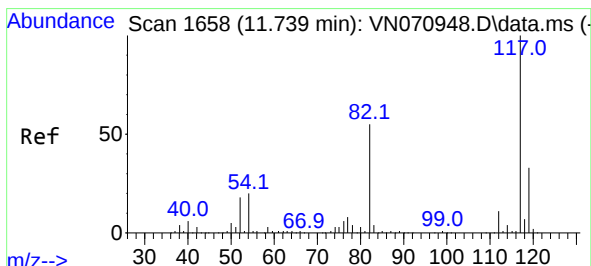
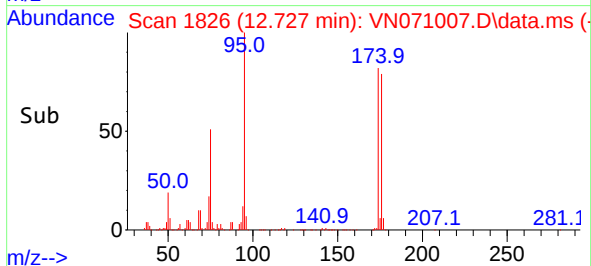
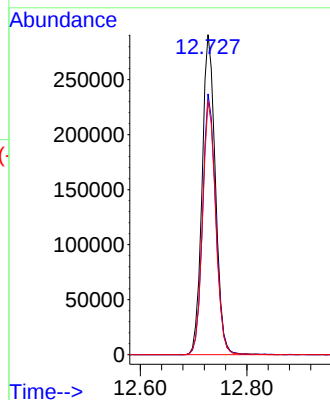
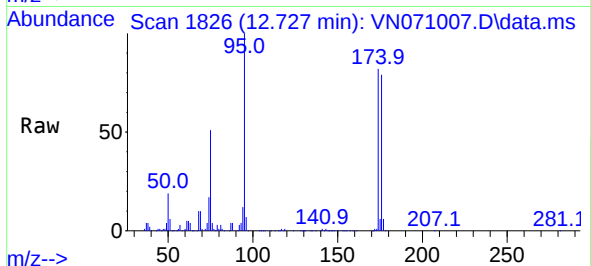




#62
4-Bromofluorobenzene
Concen: 45.856 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

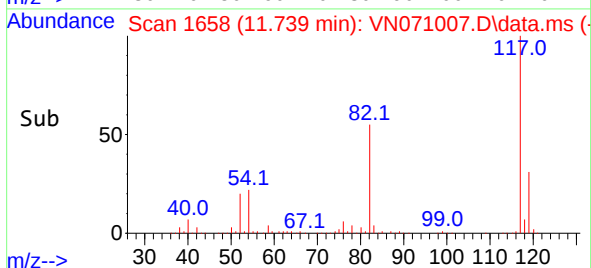
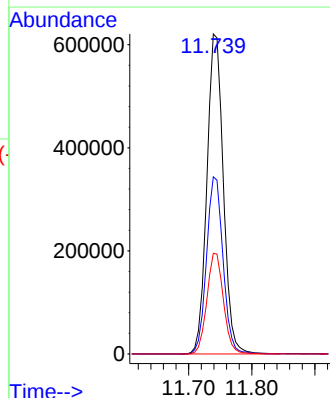
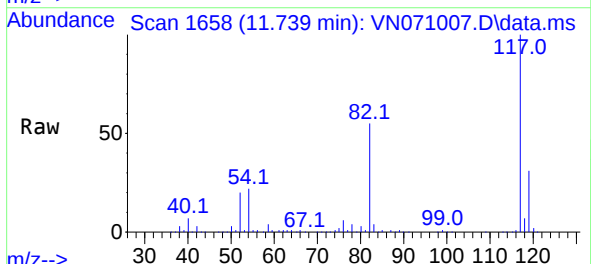
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

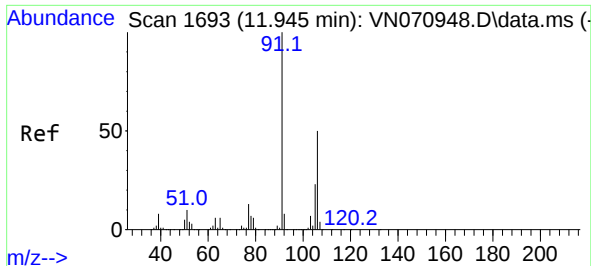
Tgt Ion: 95 Resp: 503046
Ion Ratio Lower Upper
95 100
174 80.4 0.0 187.2
176 78.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 117 Resp: 1124998
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 31.4 25.4 38.2

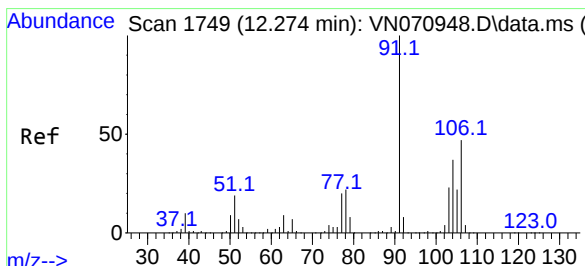
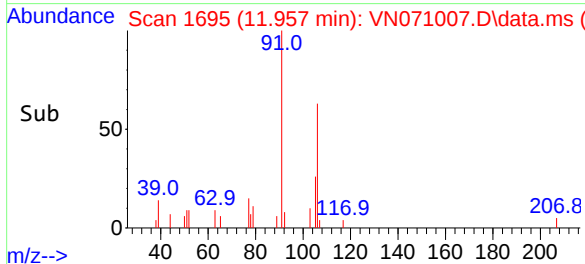
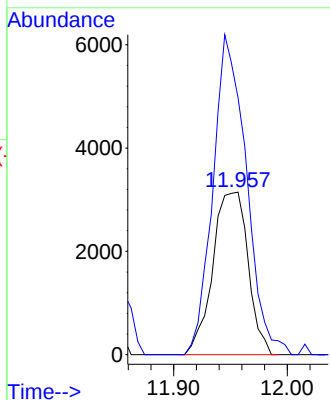
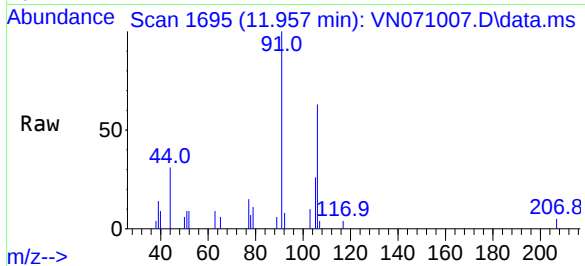




#68
m/p-Xylenes
Concen: 0.416 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

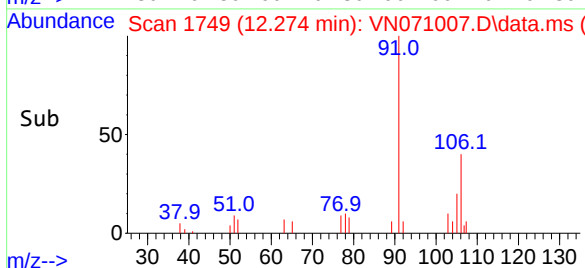
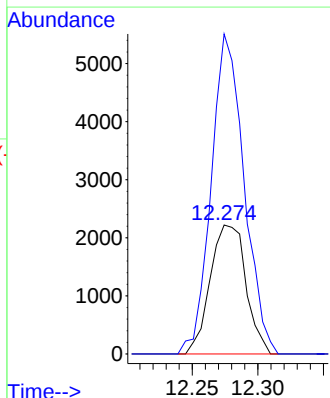
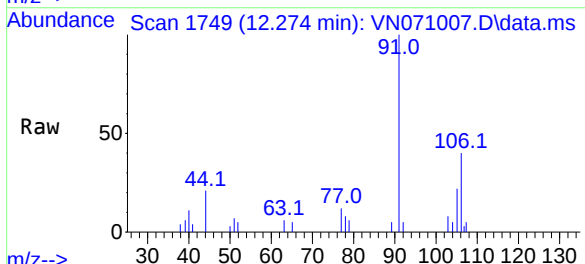
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

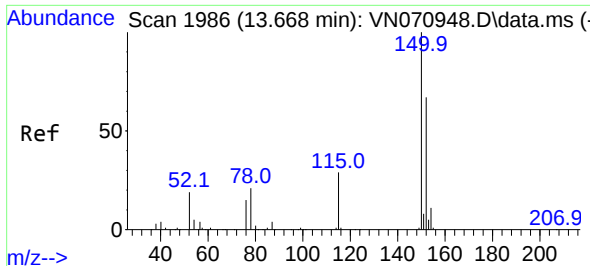
Tgt Ion:106 Resp: 6814
Ion Ratio Lower Upper
106 100
91 185.4 160.6 240.8



#69
o-Xylene
Concen: 0.262 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion:106 Resp: 4202
Ion Ratio Lower Upper
106 100
91 228.9 105.8 317.3

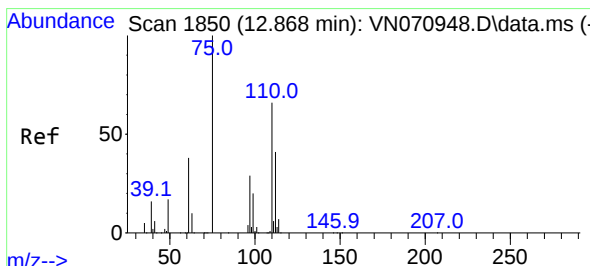
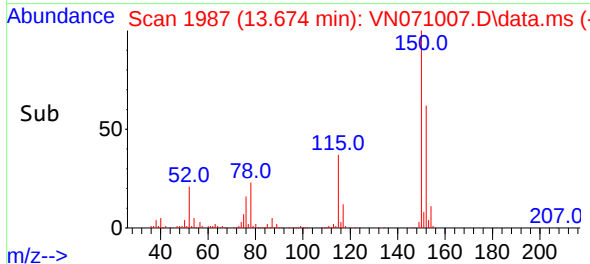
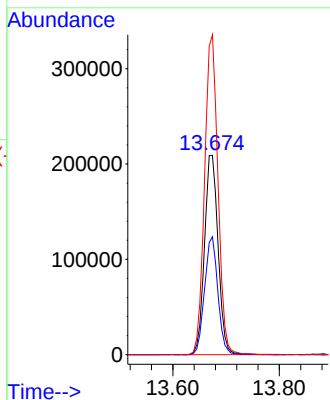
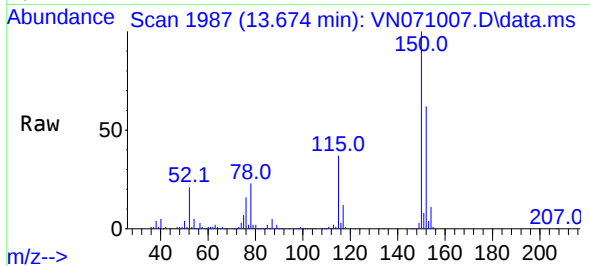




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN071007.D
 Acq: 18 Feb 2022 17:51

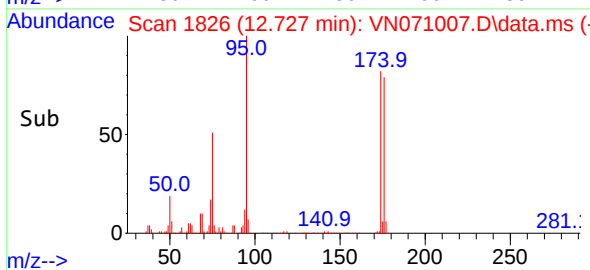
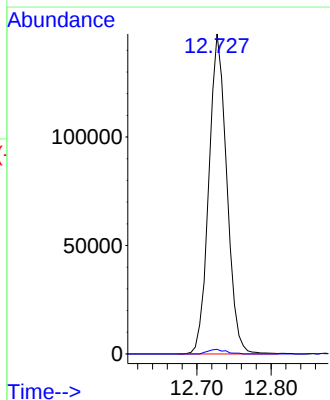
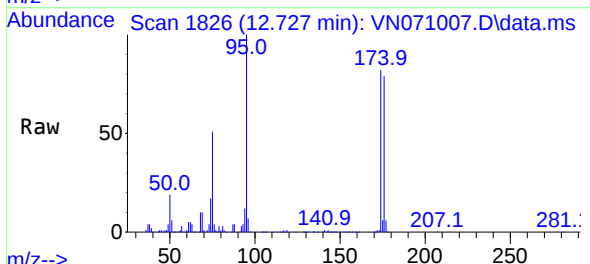
Instrument :
 MSVOA_N
 ClientSampleId :
 PRPH-1-GW

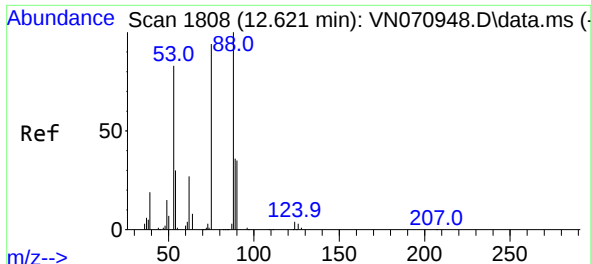
Tgt Ion:152 Resp: 371122
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.5 82.5
 150 157.5 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 28.375 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN071007.D
 Acq: 18 Feb 2022 17:51

Tgt Ion: 75 Resp: 247949
 Ion Ratio Lower Upper
 75 100
 77 1.4 82.6 247.8#

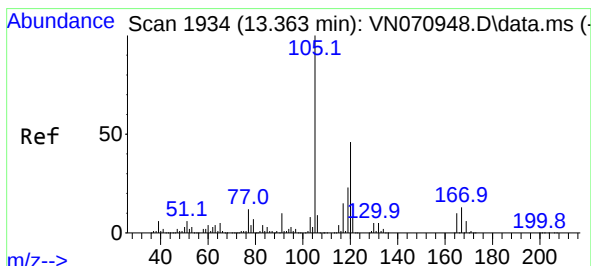
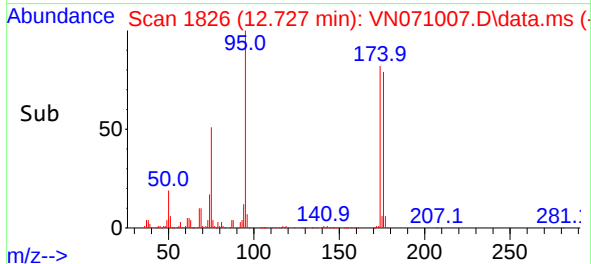
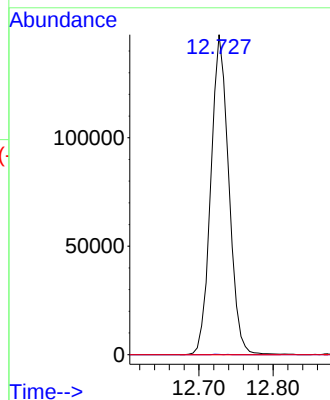
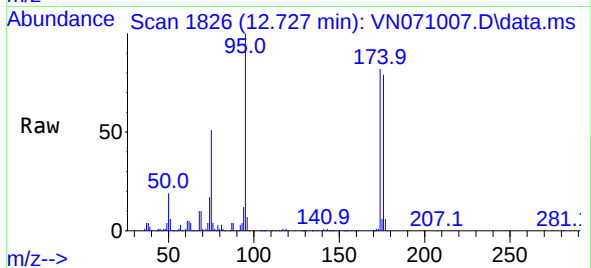




#81
trans-1,4-Dichloro-2-butene
Concen: 91.950 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

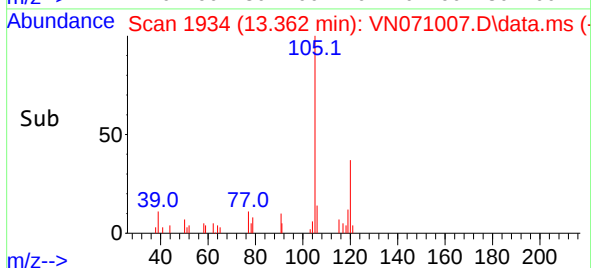
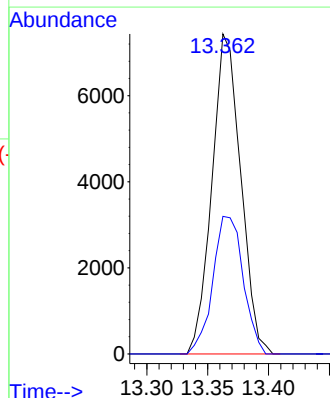
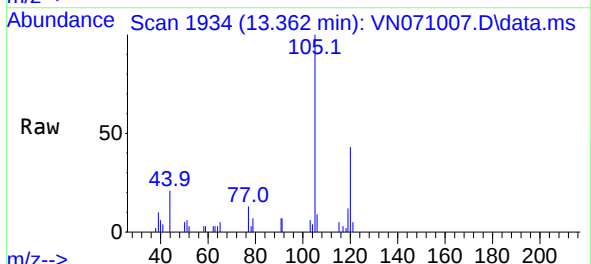
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

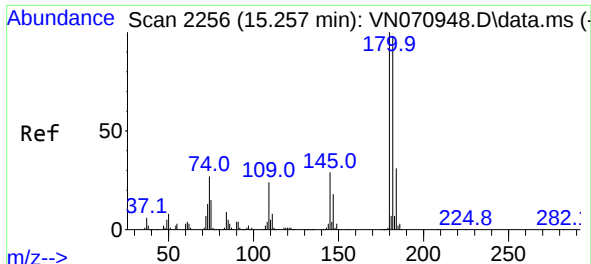
Tgt Ion: 75 Resp: 247949
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.512 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion: 105 Resp: 12204
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4

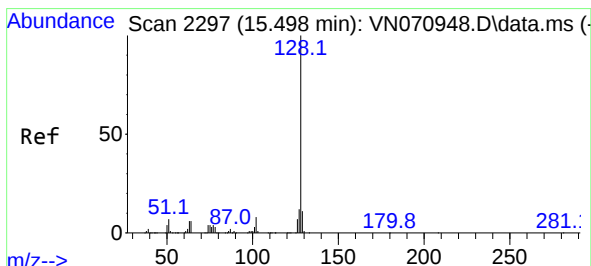
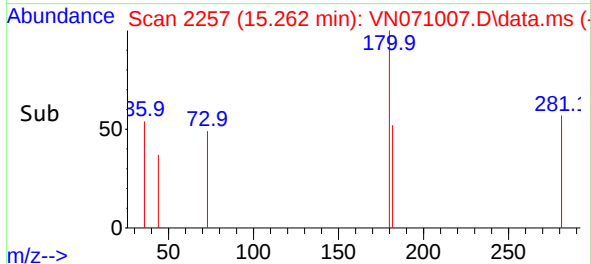
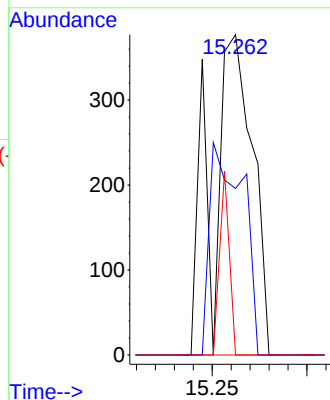
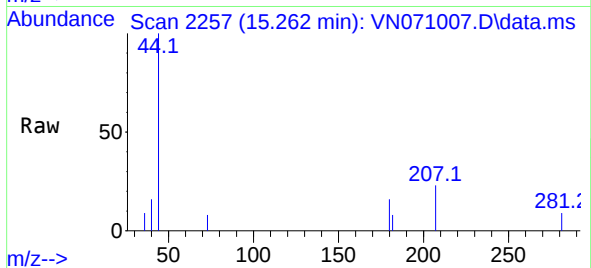




#93
1,2,4-Trichlorobenzene
Concen: 2.077 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

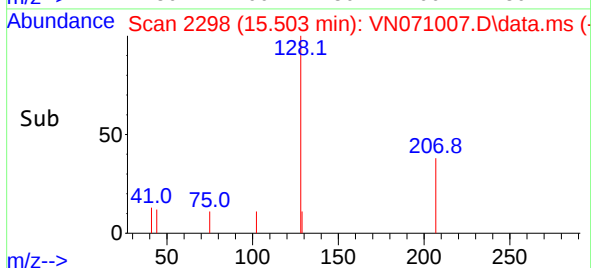
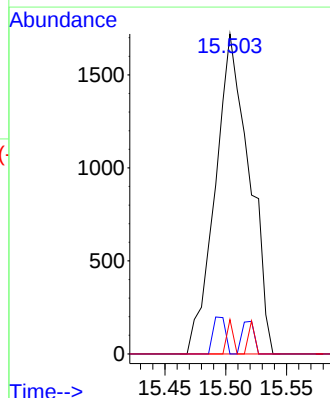
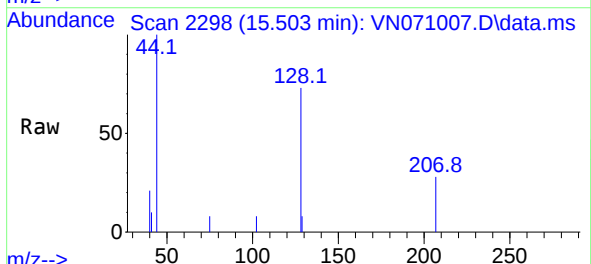
Instrument :
MSVOA_N
ClientSampleId :
PRPH-1-GW

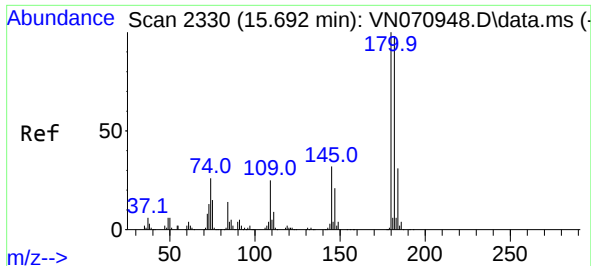
Tgt Ion:	180	Resp:	555
Ion	Ratio	Lower	Upper
180	100		
182	55.0	48.3	144.9
145	13.7	14.5	43.5#



#95
Naphthalene
Concen: 5.172 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071007.D
Acq: 18 Feb 2022 17:51

Tgt Ion:	128	Resp:	3356
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.5	15.7#
129	1.9	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.584 ug/l
 RT: 15.703 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN071007.D
 Acq: 18 Feb 2022 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PRPH-1-GW

Tgt Ion:180 Resp: 454
 Ion Ratio Lower Upper
 180 100
 182 115.2 47.4 142.2
 145 15.0 15.0 45.1#

