

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071312.D
 Acq On : 16 Mar 2022 11:29
 Operator : JC\MD
 Sample : VN0316WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBL01

Quant Time: Mar 16 15:46:00 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

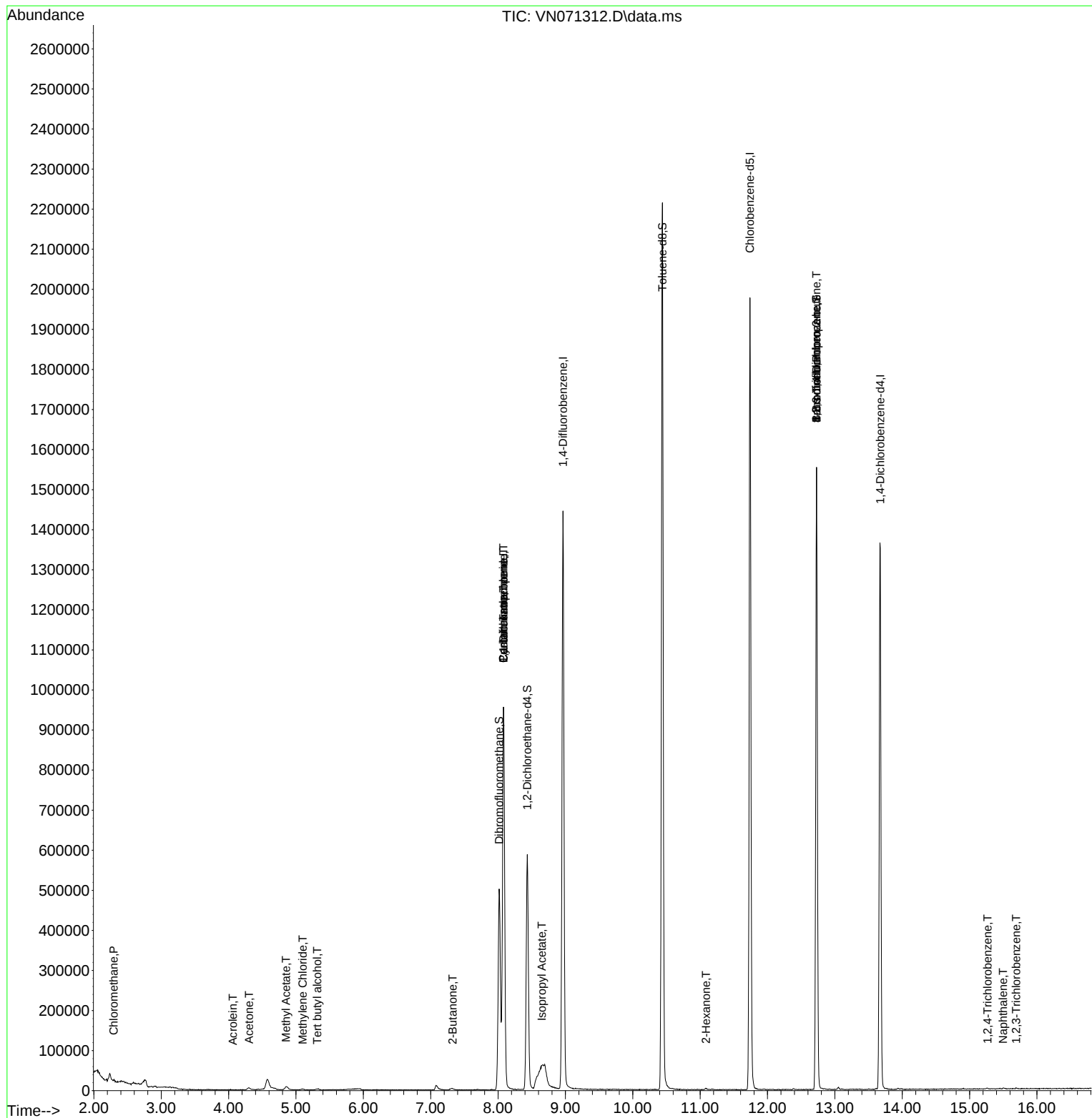
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	731342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1239964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1122625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	378595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	475961	47.485	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.980%
35) Dibromofluoromethane	8.016	113	364477	46.581	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.160%
50) Toluene-d8	10.439	98	1518055	48.186	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.727	95	526667	49.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	2945	0.239	ug/l #	72
5) Bromomethane	2.852	94	1247	Below Cal		84
11) Tert butyl alcohol	5.316	59	2440	1.239	ug/l #	71
13) Acrolein	4.063	56	597	0.286	ug/l #	30
16) Acetone	4.304	43	6987	1.433	ug/l	92
18) Methyl Acetate	4.851	43	18241	1.850	ug/l	93
20) Methylene Chloride	5.098	84	1446	0.543	ug/l #	82
25) 2-Butanone	7.328	43	2255	0.287	ug/l #	48
31) Cyclohexane	8.081	56	16479	1.030	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	57258	4.567	ug/l #	49
38) Carbon Tetrachloride	8.081	117	72216	5.955	ug/l #	16
43) Isopropyl Acetate	8.651	43	106381	4.123	ug/l #	56
59) 2-Hexanone	11.086	43	3011	0.276	ug/l	74
71) Bromoform	12.727	173	3398	0.506	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.810	83	209	Below Cal	#	86
76) 1,2,3-Trichloropropane	12.727	75	274175	28.676	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	274175	78.285	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	1052	3.149	ug/l	82
95) Naphthalene	15.498	128	2740	5.209	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.692	180	1014	2.893	ug/l #	81

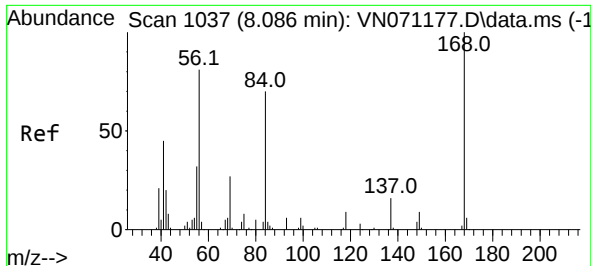
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
Data File : VN071312.D
Acq On : 16 Mar 2022 11:29
Operator : JC\MD
Sample : VN0316WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

Quant Time: Mar 16 15:46:00 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

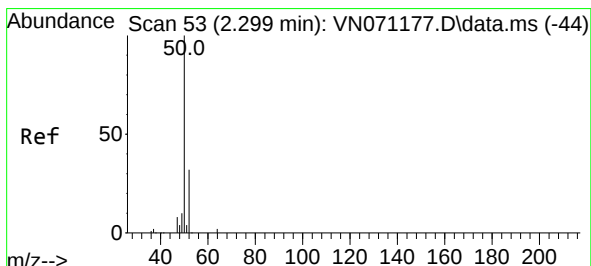
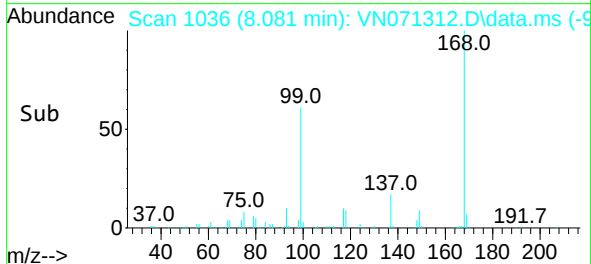
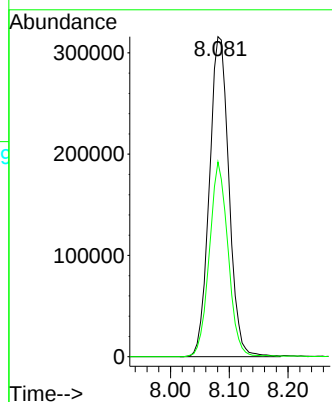
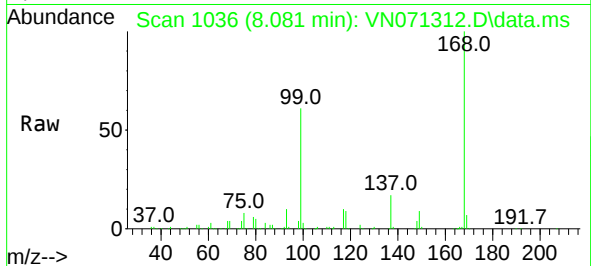




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

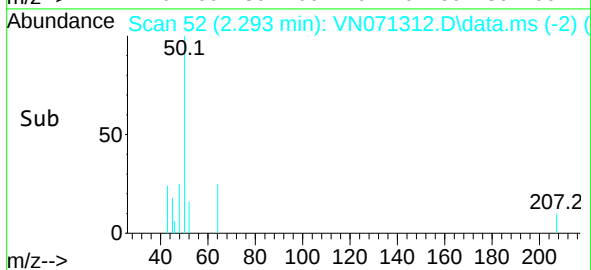
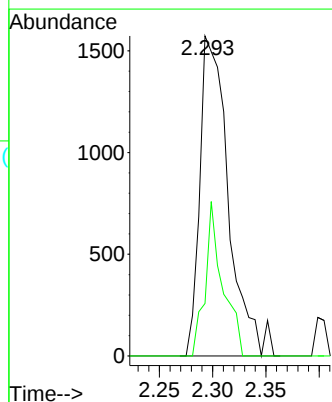
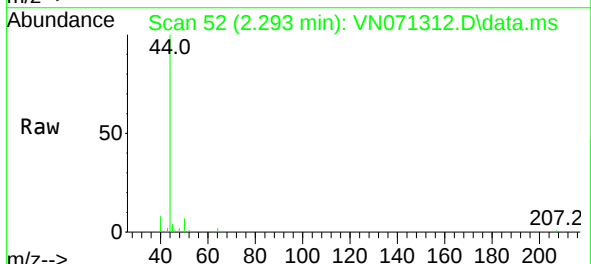
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

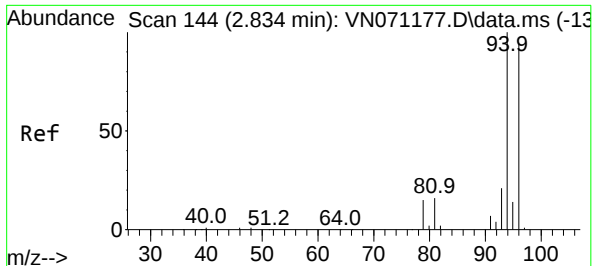
Tgt Ion:168 Resp: 731342
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#3
Chloromethane
Concen: 0.239 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 50 Resp: 2945
Ion Ratio Lower Upper
50 100
52 16.4 25.4 38.0#

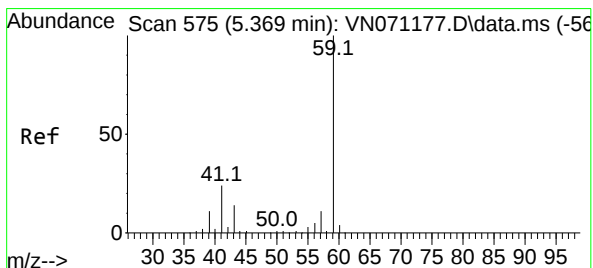
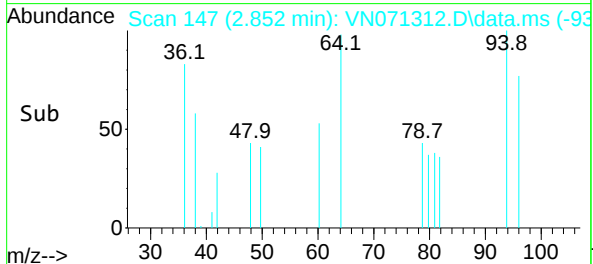
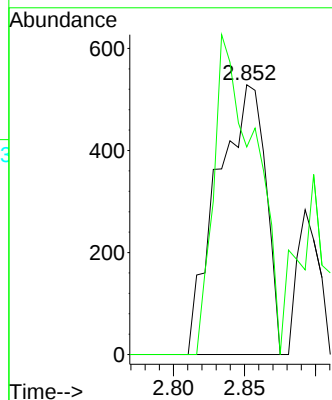
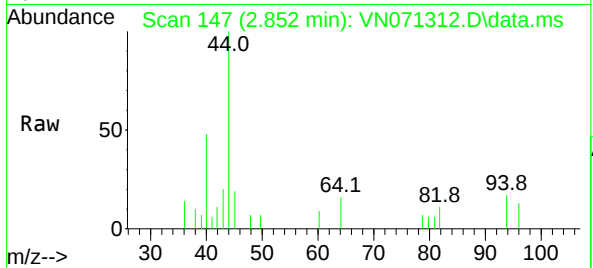




#5
Bromomethane
Concen: Below Cal
RT: 2.852 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

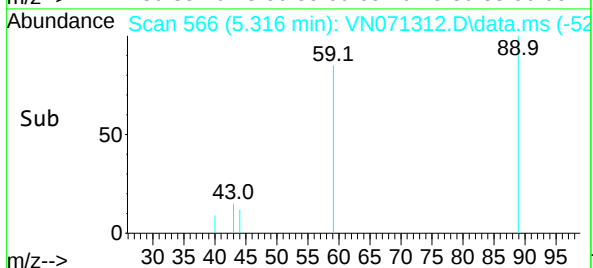
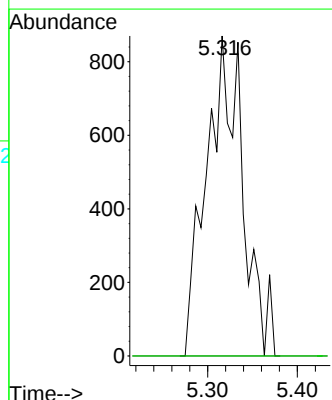
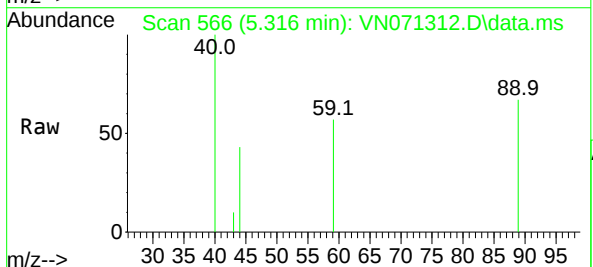
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

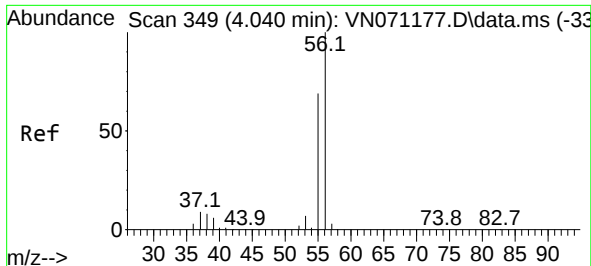
Tgt Ion: 94 Resp: 1247
Ion Ratio Lower Upper
94 100
96 76.9 73.8 110.8



#11
Tert butyl alcohol
Concen: 1.239 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.053 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 59 Resp: 2440
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 0.286 ug/l

RT: 4.063 min Scan# 3

Delta R.T. 0.024 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

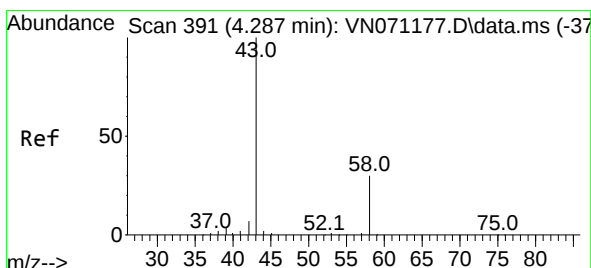
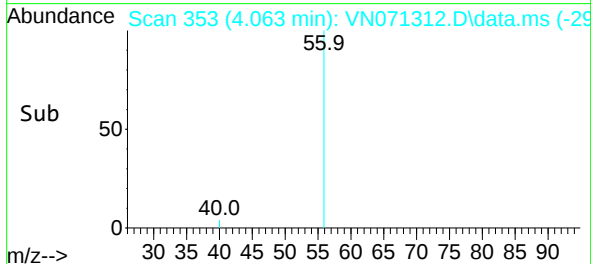
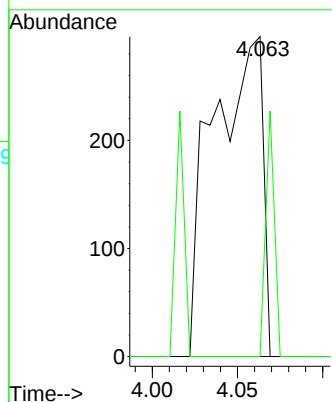
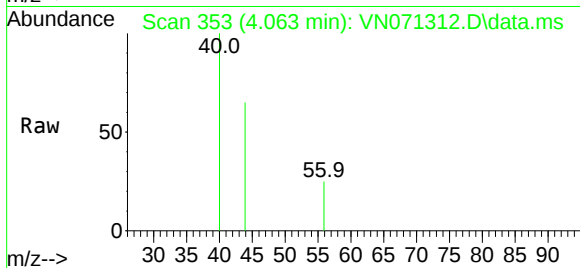
VN0316WBL01

Tgt Ion: 56 Resp: 597

Ion Ratio Lower Upper

56 100

55 13.4 56.6 85.0#



#16

Acetone

Concen: 1.433 ug/l

RT: 4.304 min Scan# 394

Delta R.T. 0.018 min

Lab File: VN071312.D

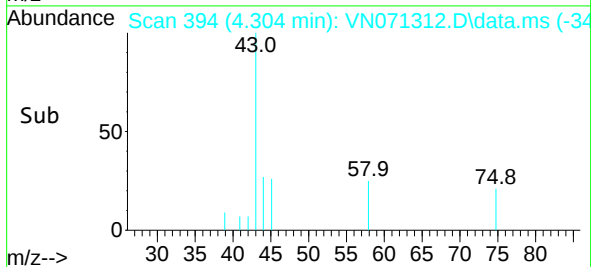
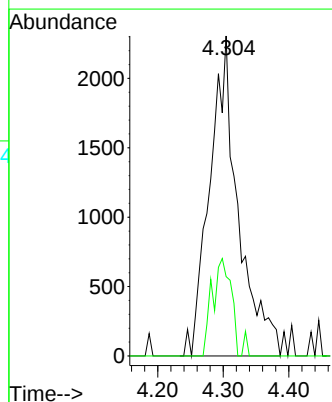
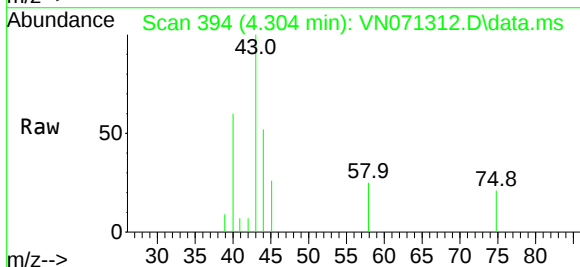
Acq: 16 Mar 2022 11:29

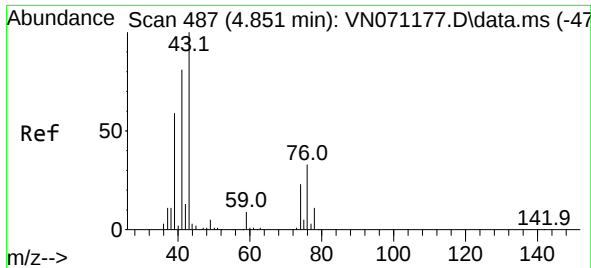
Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

43 100

58 24.8 23.1 34.7

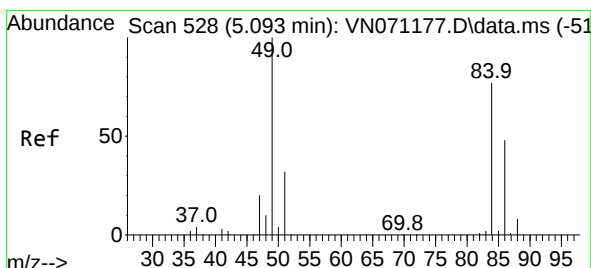
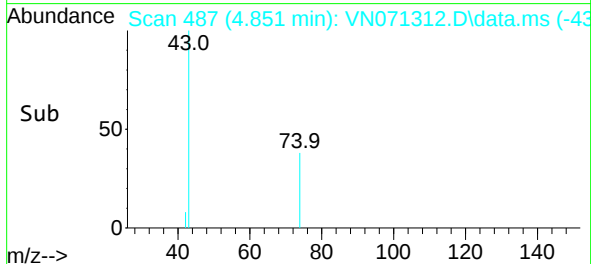
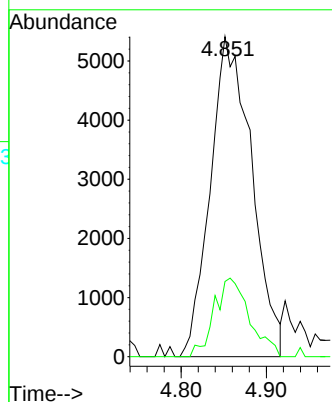
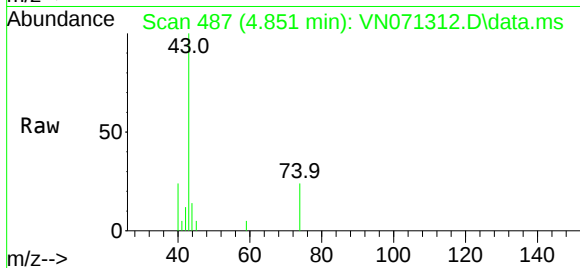




#18
Methyl Acetate
Concen: 1.850 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

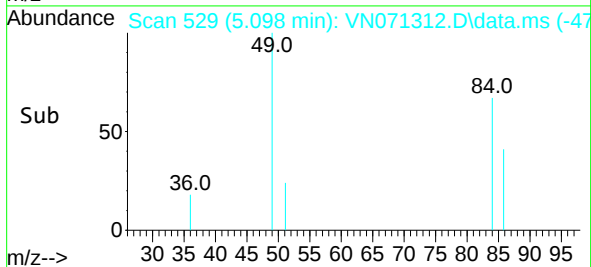
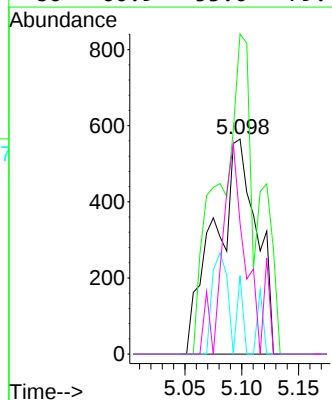
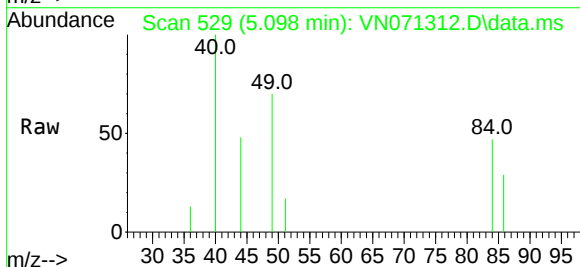
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

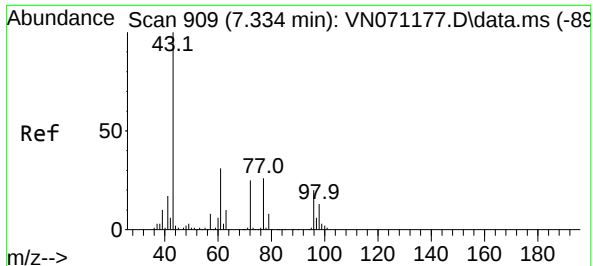
Tgt Ion: 43 Resp: 18241
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2



#20
Methylene Chloride
Concen: 0.543 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 84 Resp: 1446
Ion Ratio Lower Upper
84 100
49 148.8 93.5 140.3#
51 36.5 29.4 44.2
86 60.9 53.0 79.4

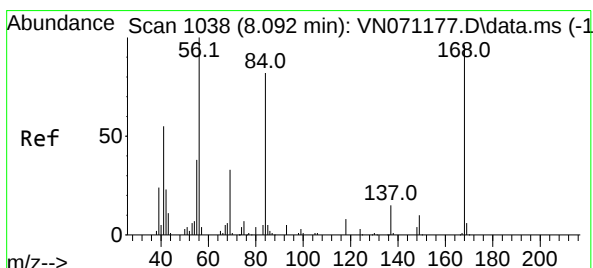
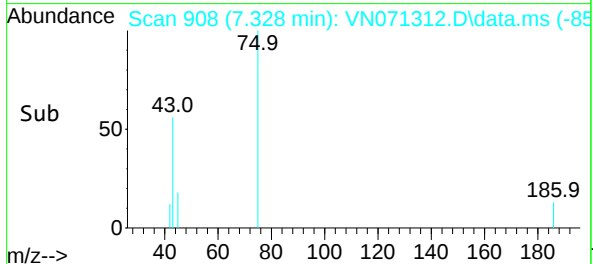
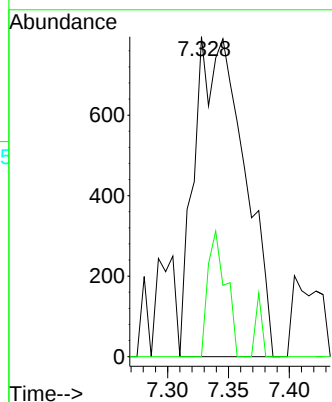
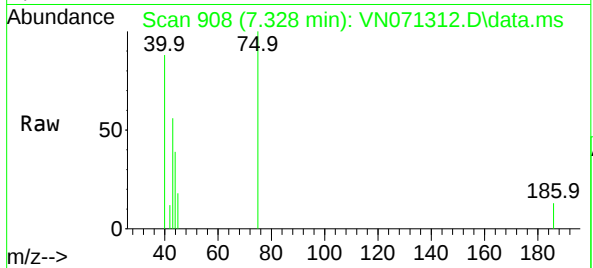




#25
2-Butanone
Concen: 0.287 ug/l
RT: 7.328 min Scan# 909
Delta R.T. -0.006 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

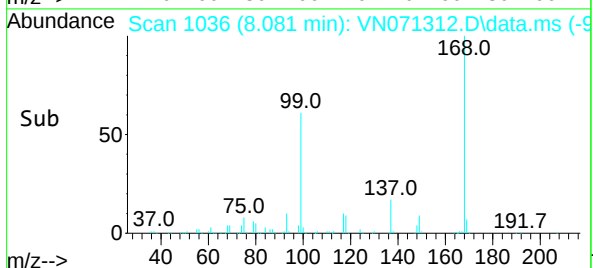
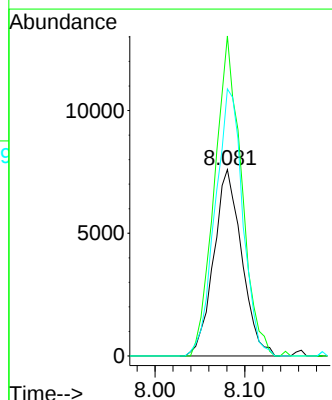
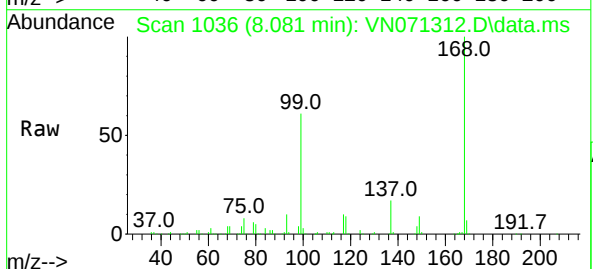
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

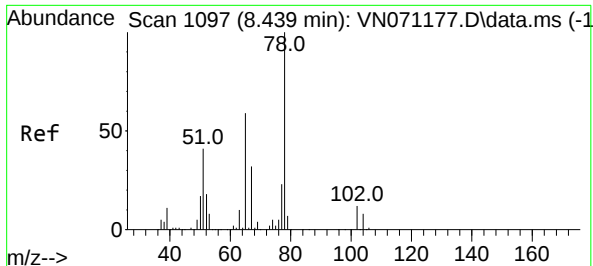
Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 56 Resp: 16479
Ion Ratio Lower Upper
56 100
69 171.7 27.1 40.7#
84 143.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.485 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

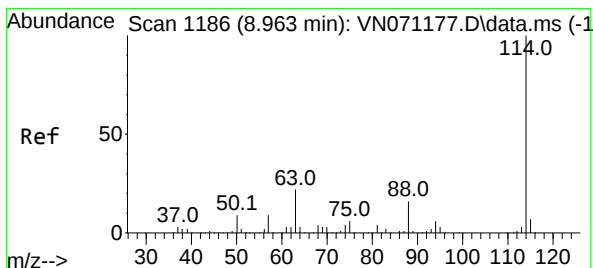
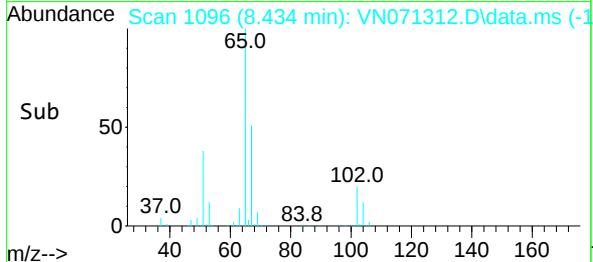
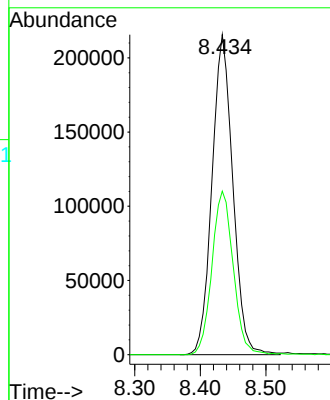
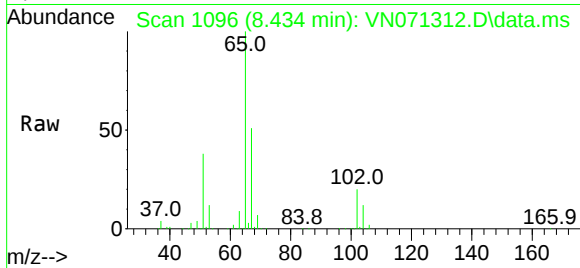
VN0316WBL01

Tgt Ion: 65 Resp: 475961

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: VN071312.D

Acq: 16 Mar 2022 11:29

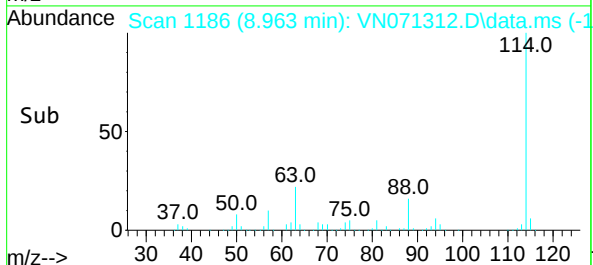
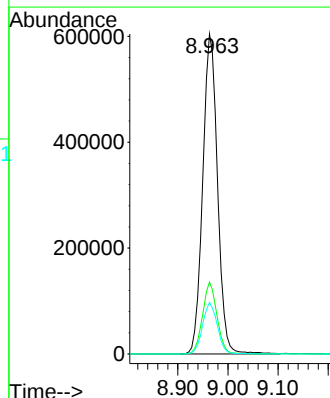
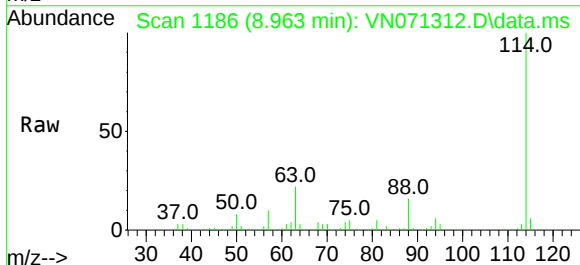
Tgt Ion: 114 Resp: 1239964

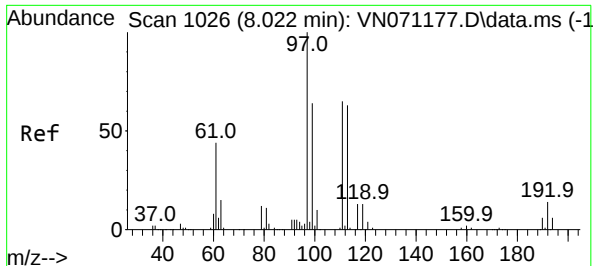
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

88 16.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 46.581 ug/l

RT: 8.016 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBL01

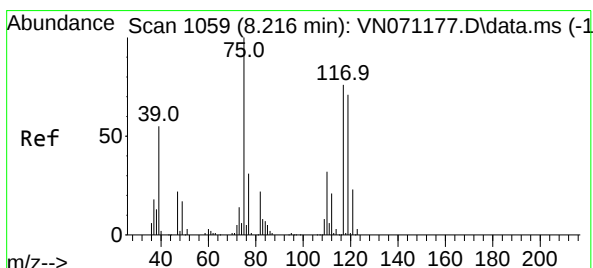
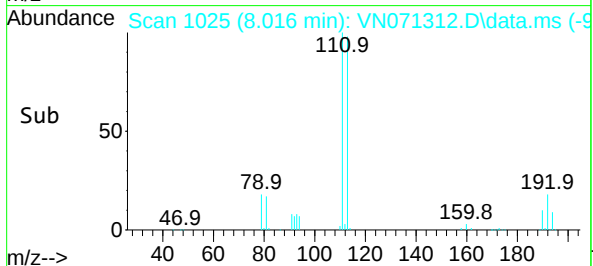
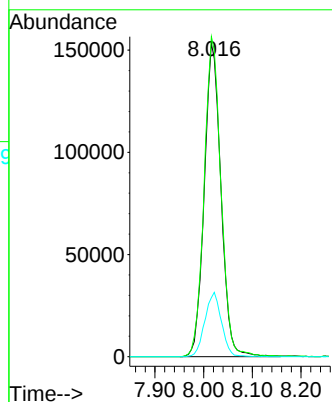
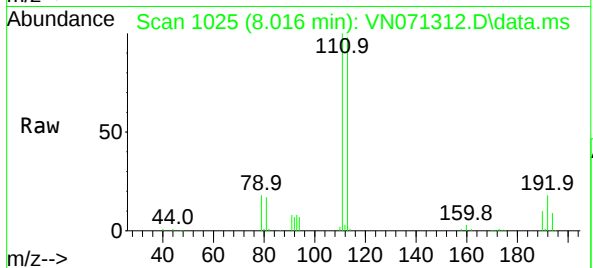
Tgt Ion:113 Resp: 364477

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.567 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

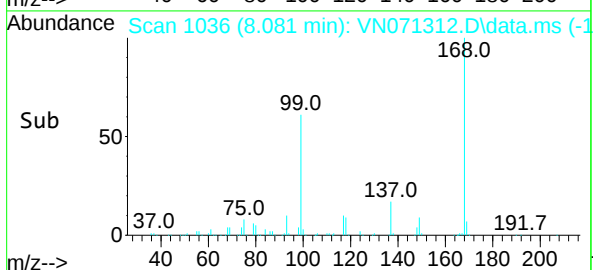
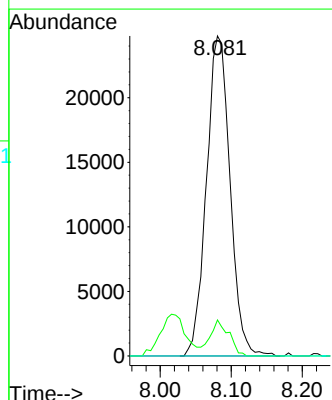
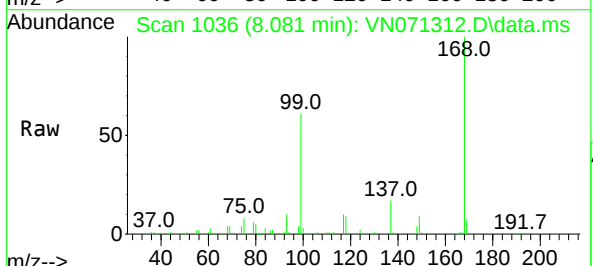
Tgt Ion: 75 Resp: 57258

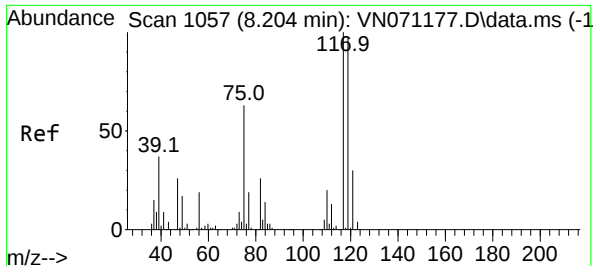
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 24.4 36.6#

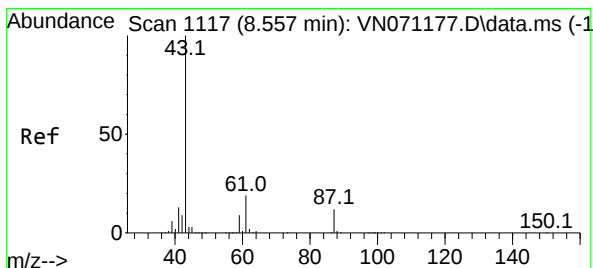
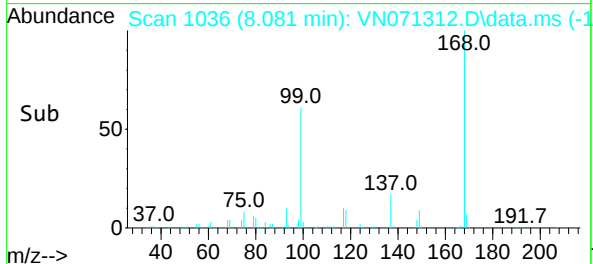
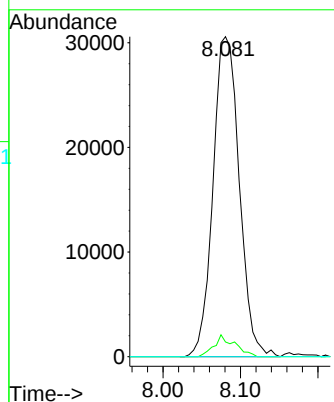
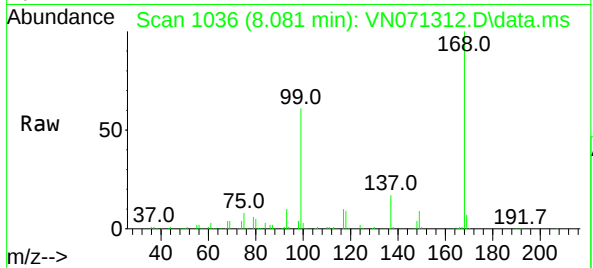




#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 8.081 min Scan# 1133
Delta R.T. -0.123 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

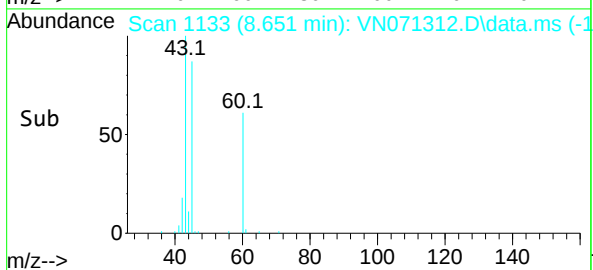
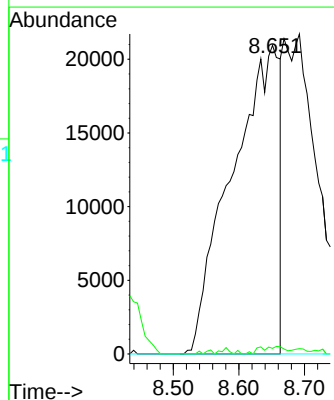
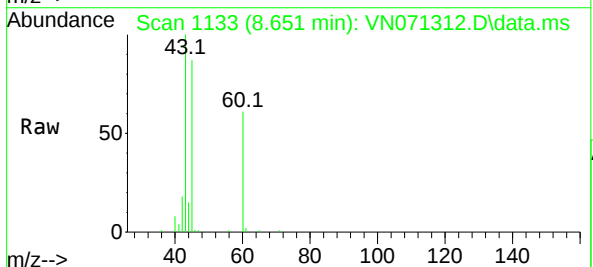
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

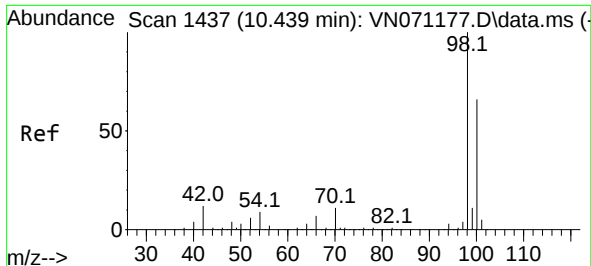
Tgt Ion:117 Resp: 72216
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.123 ug/l
RT: 8.651 min Scan# 1133
Delta R.T. 0.094 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 43 Resp: 106381
Ion Ratio Lower Upper
43 100
61 0.8 20.4 30.6#
87 0.0 11.2 16.8#

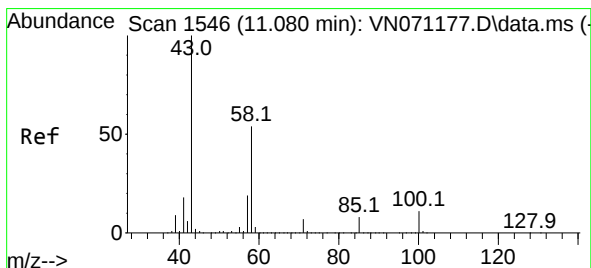
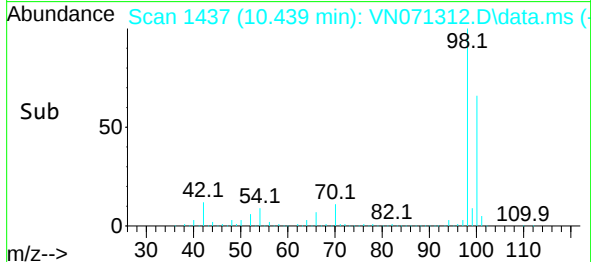
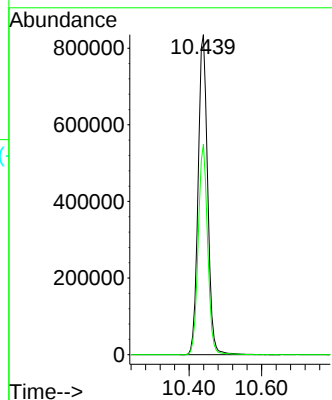
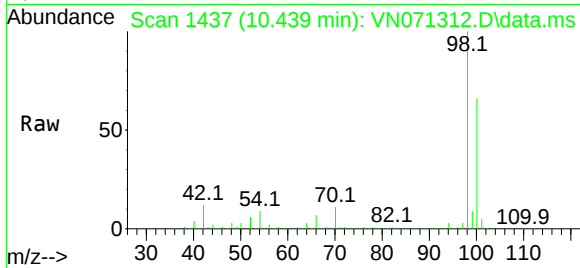




#50
Toluene-d8
Concen: 48.186 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

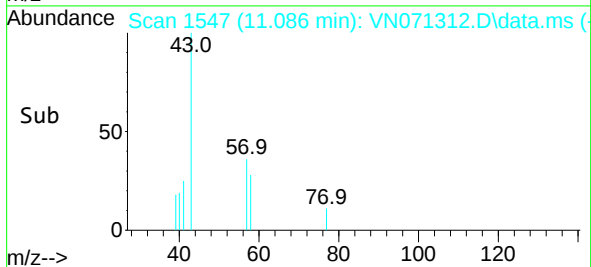
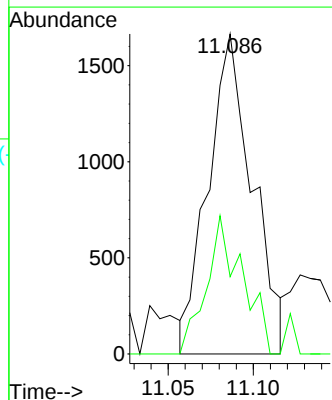
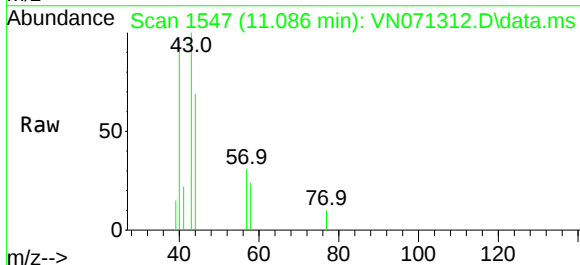
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

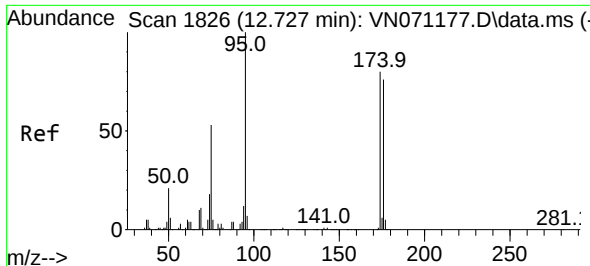
Tgt Ion: 98 Resp: 1518055
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6



#59
2-Hexanone
Concen: 0.276 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
58 35.0 26.9 80.7

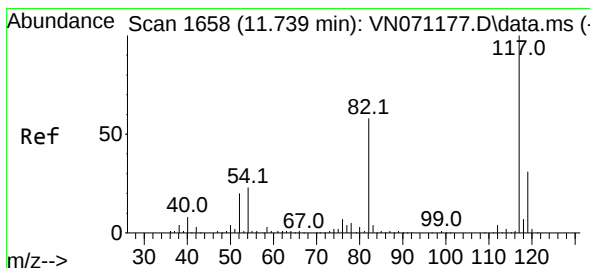
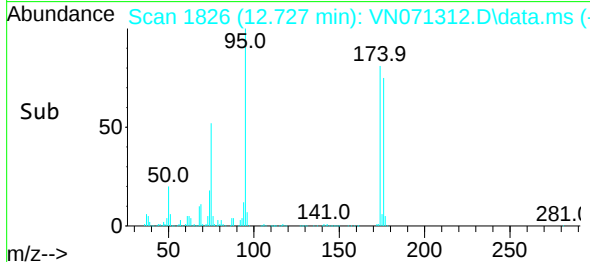
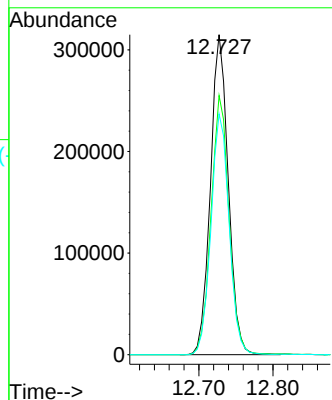
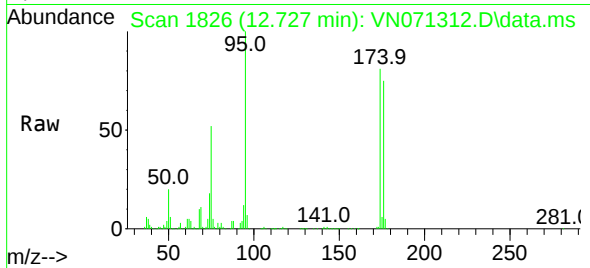




#62
4-Bromofluorobenzene
Concen: 49.368 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

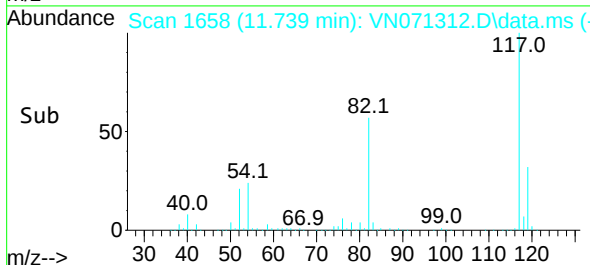
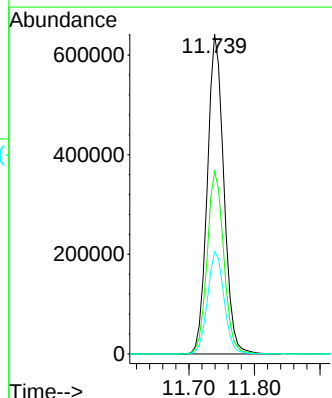
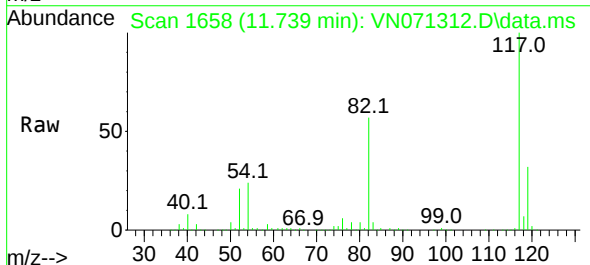
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

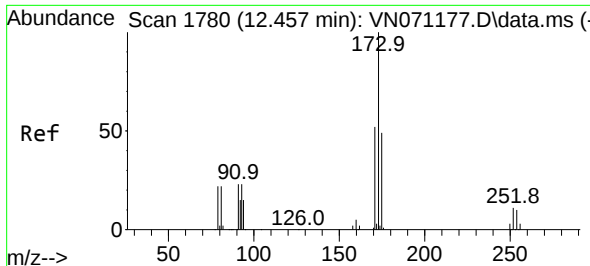
Tgt Ion: 95 Resp: 526667
Ion Ratio Lower Upper
95 100
174 81.5 0.0 187.2
176 76.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion: 117 Resp: 1122625
Ion Ratio Lower Upper
117 100
82 57.1 42.4 63.6
119 32.0 25.4 38.2

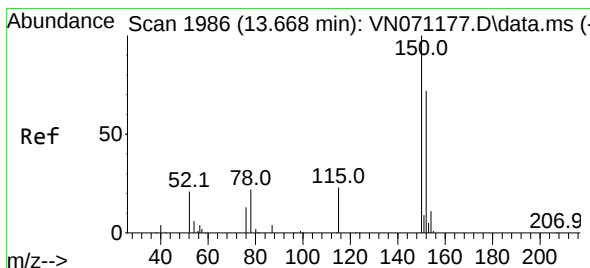
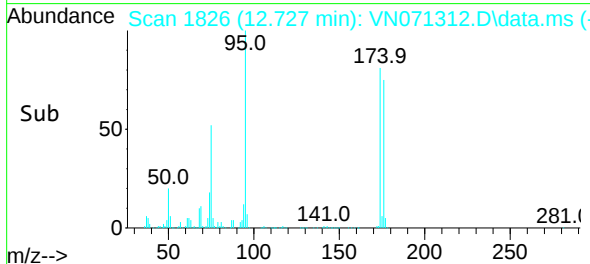
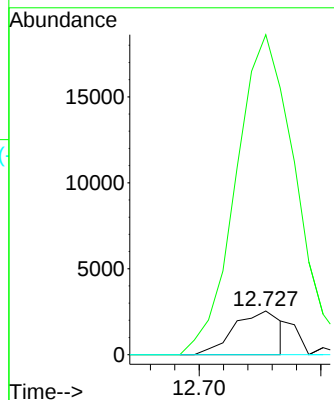
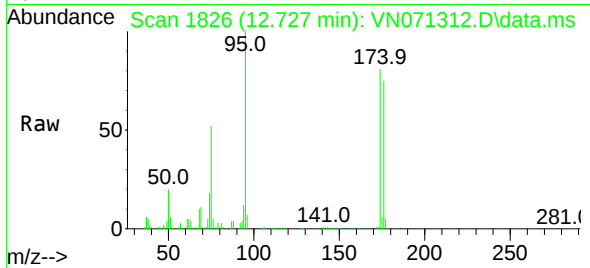




#71
Bromoform
Concen: 0.506 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

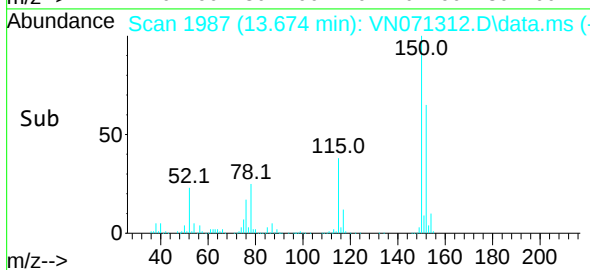
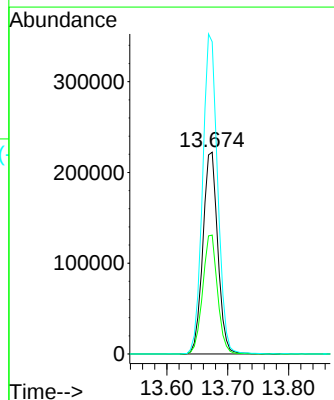
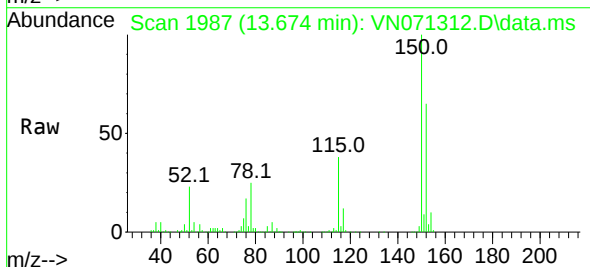
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

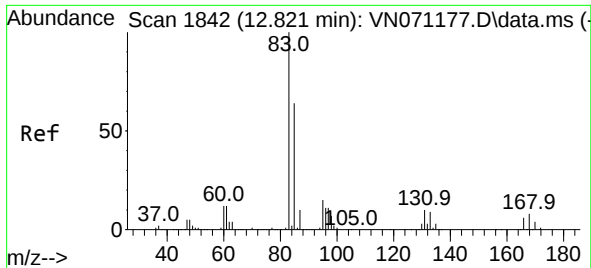
Tgt Ion:173 Resp: 3398
Ion Ratio Lower Upper
173 100
175 719.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion:152 Resp: 378595
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 159.6 0.0 344.4

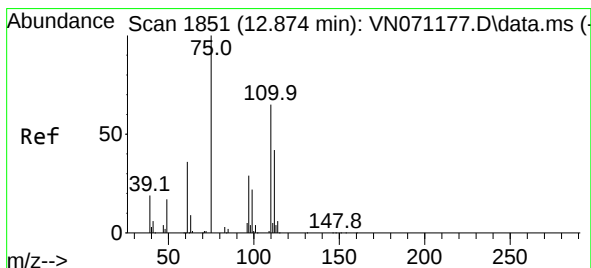
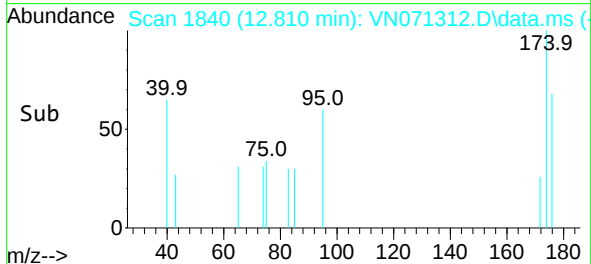
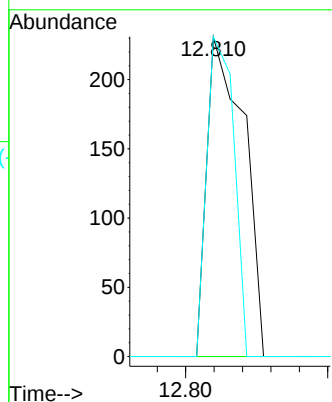
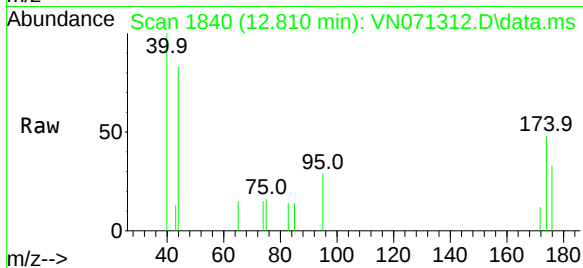




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.810 min Scan# 1842
 Delta R.T. -0.011 min
 Lab File: VN071312.D
 Acq: 16 Mar 2022 11:29

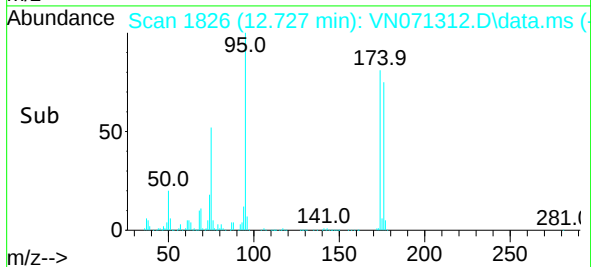
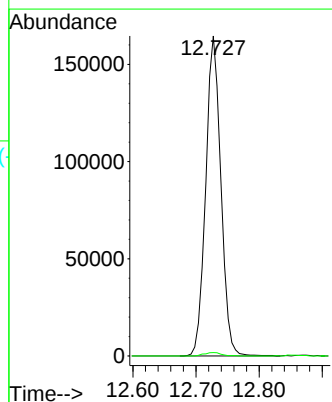
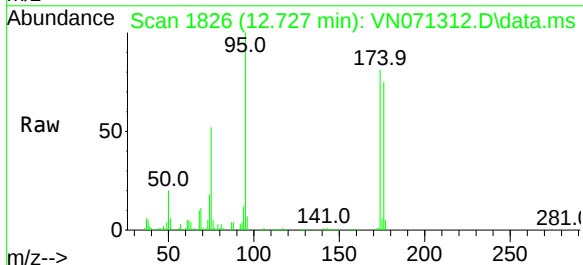
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBL01

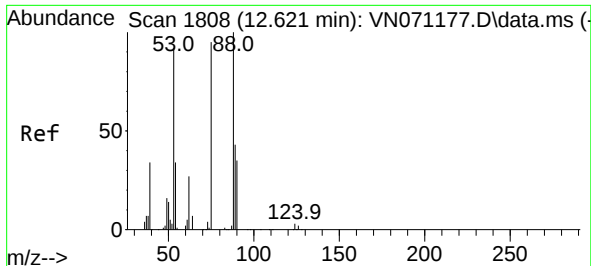
Tgt Ion: 83 Resp: 209
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 73.7 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 28.676 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071312.D
 Acq: 16 Mar 2022 11:29

Tgt Ion: 75 Resp: 274175
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

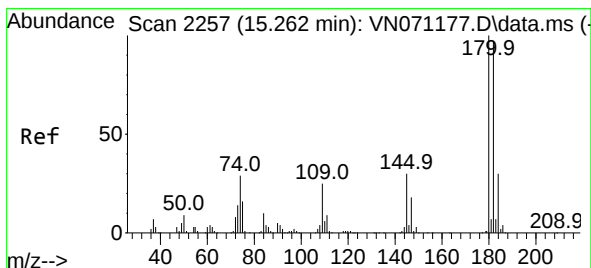
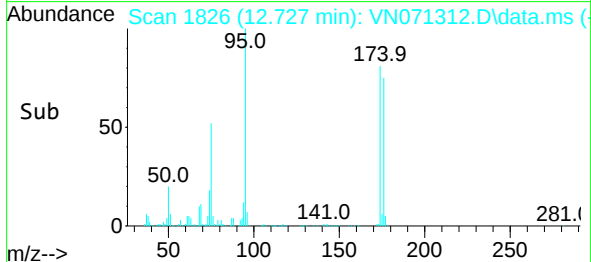
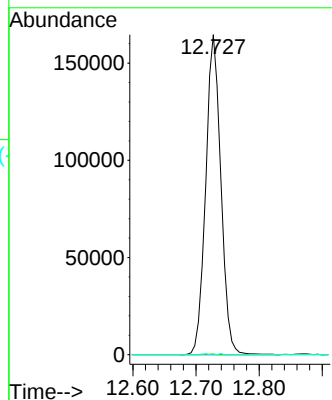
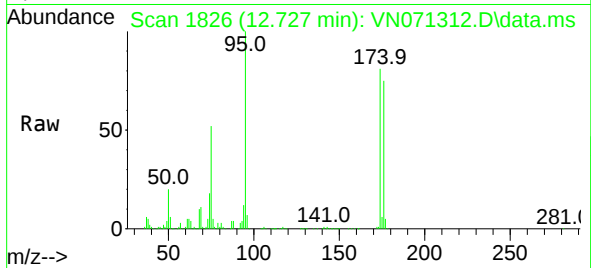




#81
trans-1,4-Dichloro-2-butene
Concen: 78.285 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

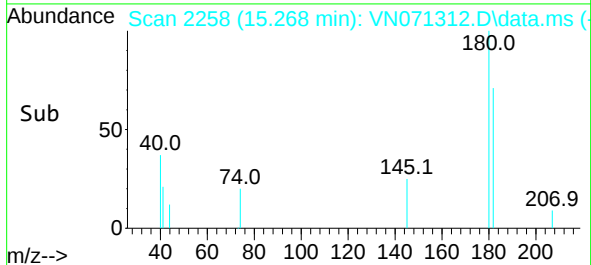
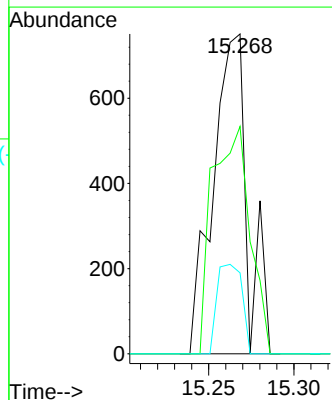
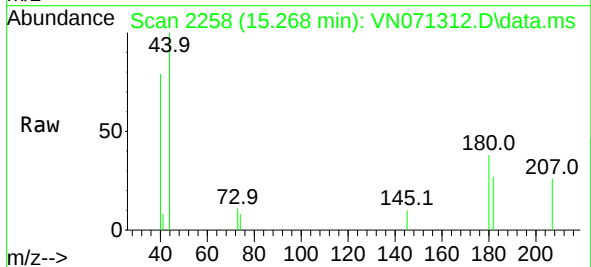
Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

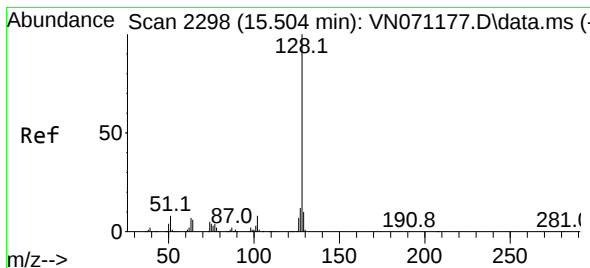
Tgt Ion: 75 Resp: 274175
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.1 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.149 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.006 min
Lab File: VN071312.D
Acq: 16 Mar 2022 11:29

Tgt Ion:180 Resp: 1052
Ion Ratio Lower Upper
180 100
182 77.9 48.3 144.9
145 20.2 14.5 43.5





#95

Naphthalene

Concen: 5.209 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBL01

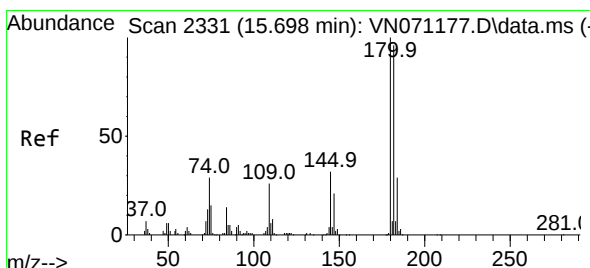
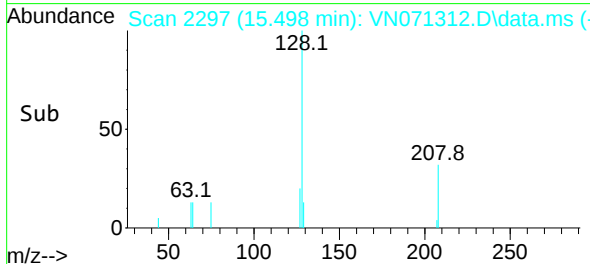
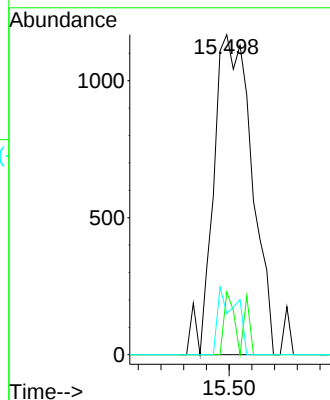
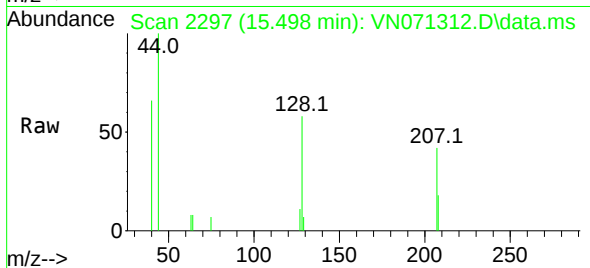
Tgt Ion:128 Resp: 2740

Ion Ratio Lower Upper

128 100

127 5.0 10.5 15.7#

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.893 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN071312.D

Acq: 16 Mar 2022 11:29

Tgt Ion:180 Resp: 1014

Ion Ratio Lower Upper

180 100

182 85.1 47.4 142.2

145 5.3 15.0 45.1#

