

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072005.D
 Acq On : 15 Apr 2022 16:26
 Operator : JC\MD
 Sample : VN0415WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBL02

Quant Time: Apr 16 00:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

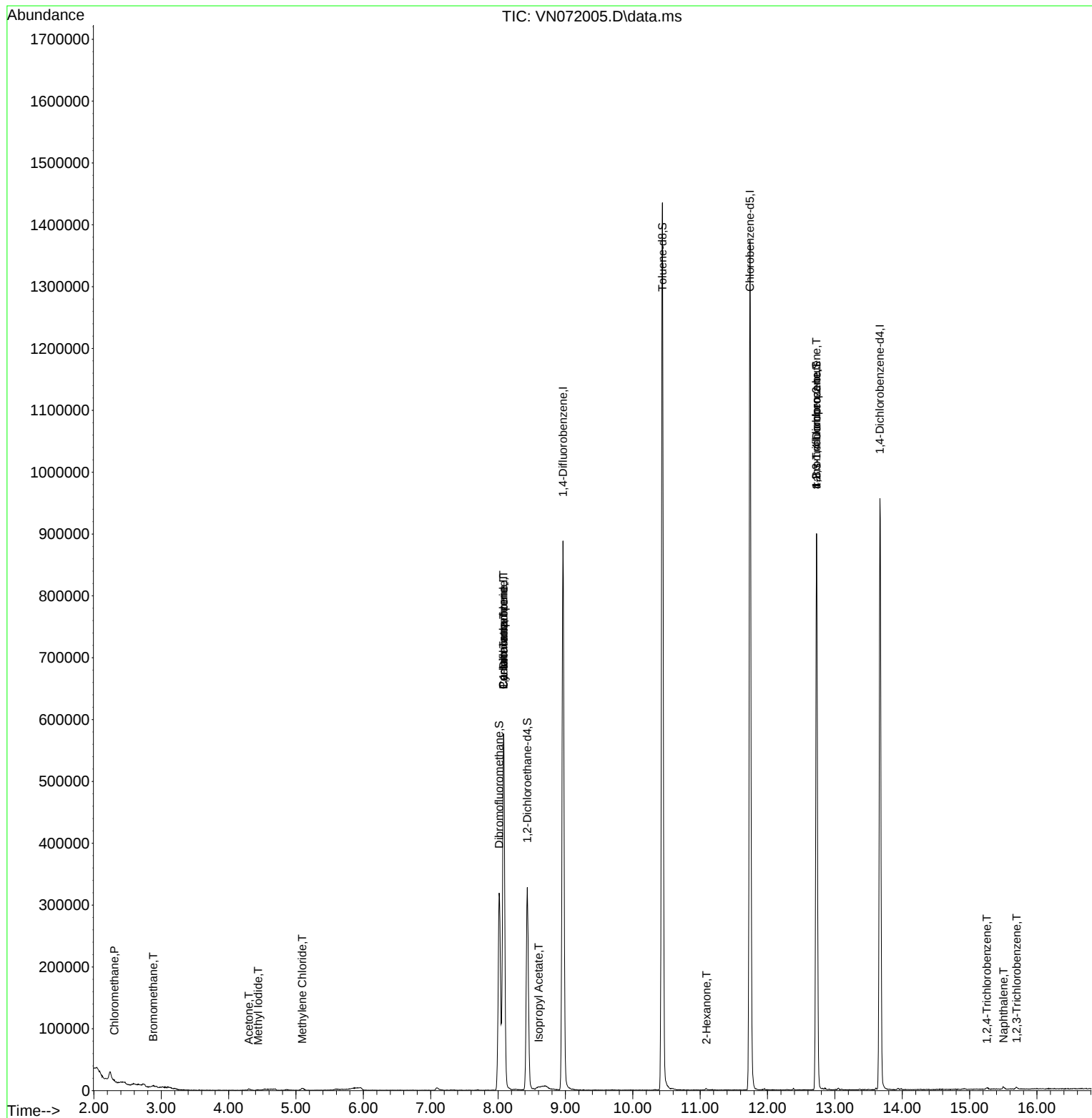
Internal Standards						
1) Pentafluorobenzene	8.081	168	492394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	829421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	859340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	291839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	269816	47.999	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.000%		
35) Dibromofluoromethane	8.016	113	241037	49.386	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.780%		
50) Toluene-d8	10.439	98	1057957	52.989	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.980%		
62) 4-Bromofluorobenzene	12.727	95	325869	50.466	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.940%		
Target Compounds					Qvalue	
3) Chloromethane	2.304	50	1250	0.252	ug/l #	84
5) Bromomethane	2.881	94	2081	0.588	ug/l	99
10) Methyl Iodide	4.440	142	1450	0.243	ug/l #	48
16) Acetone	4.298	43	1354	0.564	ug/l #	63
18) Methyl Acetate	4.851	43	1255	Below Cal		98
20) Methylene Chloride	5.092	84	3232	0.638	ug/l #	71
31) Cyclohexane	8.081	56	7737	1.012	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	31734	4.656	ug/l #	49
38) Carbon Tetrachloride	8.081	117	43359	6.491	ug/l #	17
43) Isopropyl Acetate	8.604	43	6171	0.497	ug/l #	53
59) 2-Hexanone	11.092	43	2464	0.491	ug/l	80
76) 1,2,3-Trichloropropane	12.727	75	156220	23.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	156220	71.608	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.257	180	1431	2.381	ug/l #	83
95) Naphthalene	15.504	128	4280	4.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	1643	2.762	ug/l	90

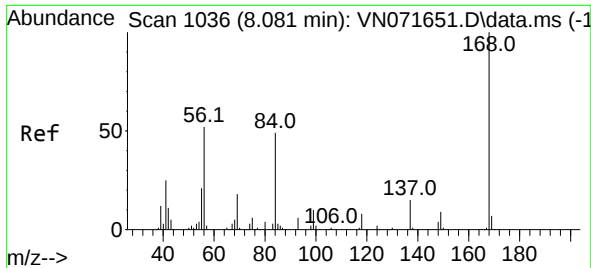
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 16 00:06:54 2022
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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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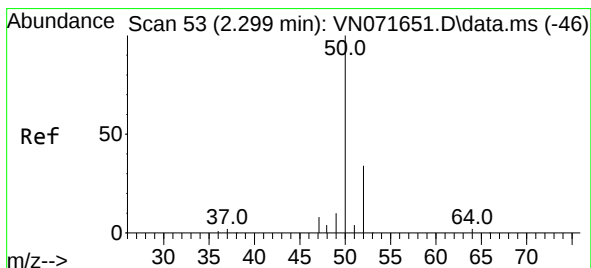
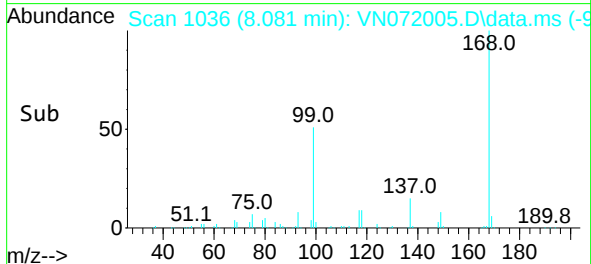
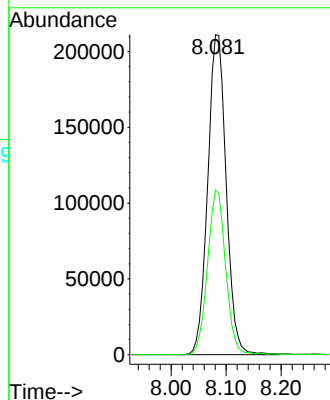
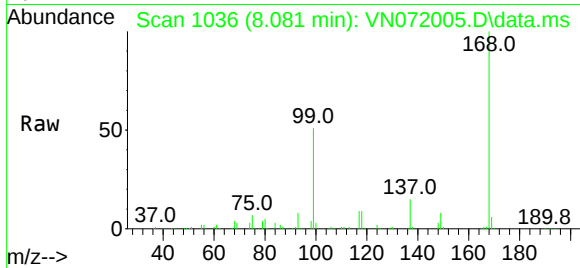




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

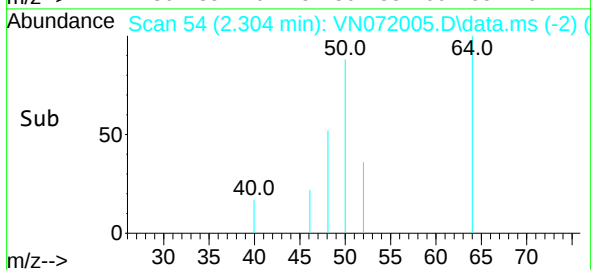
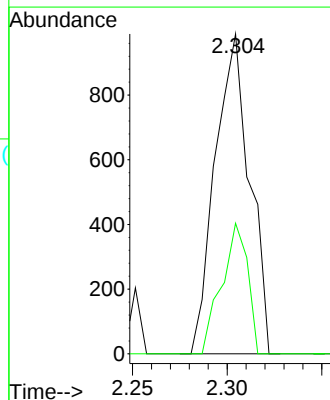
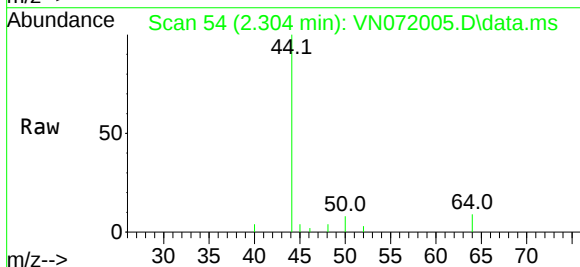
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

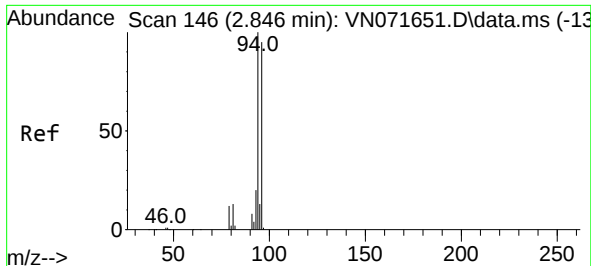
Tgt Ion:168 Resp: 492394
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 50 Resp: 1250
Ion Ratio Lower Upper
50 100
52 40.8 25.7 38.5#

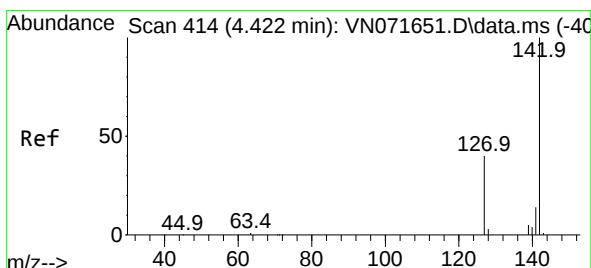
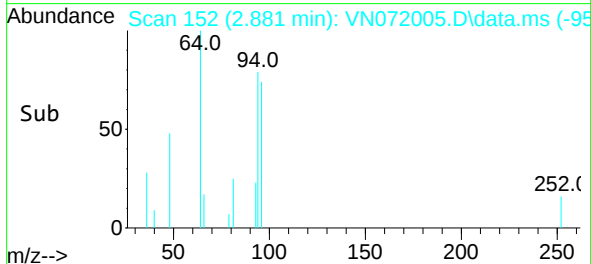
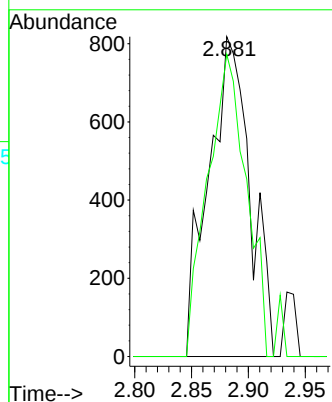
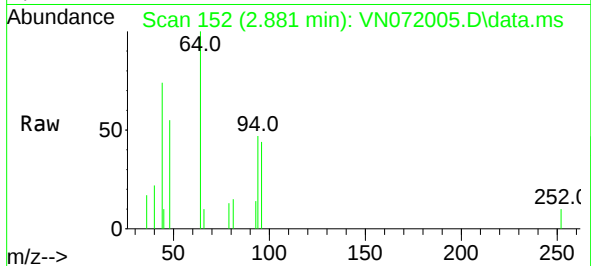




#5
Bromomethane
Concen: 0.588 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

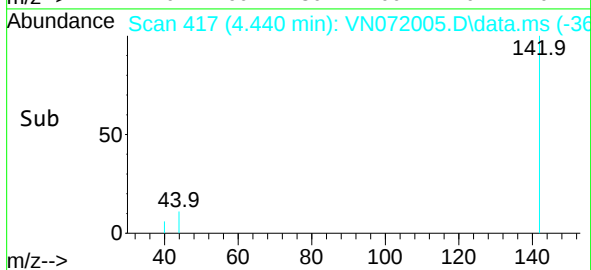
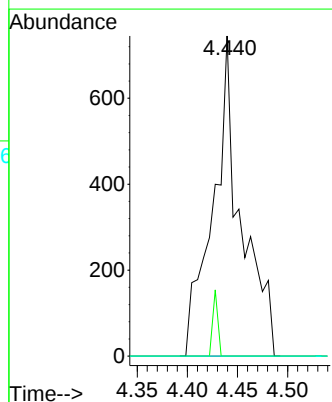
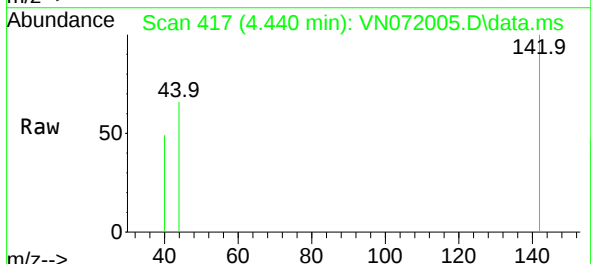
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

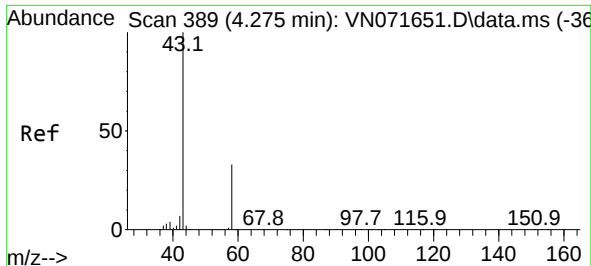
Tgt Ion: 94 Resp: 2081
Ion Ratio Lower Upper
94 100
96 94.5 76.0 114.0



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 4.440 min Scan# 417
Delta R.T. 0.018 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 142 Resp: 1450
Ion Ratio Lower Upper
142 100
127 3.7 31.3 46.9#
141 0.0 11.2 16.8#

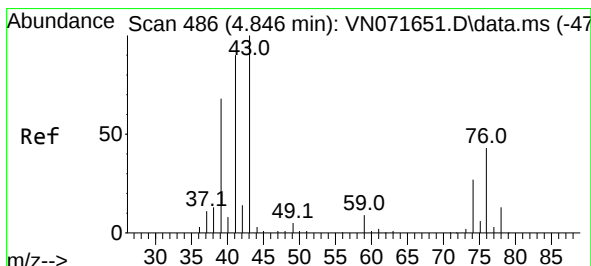
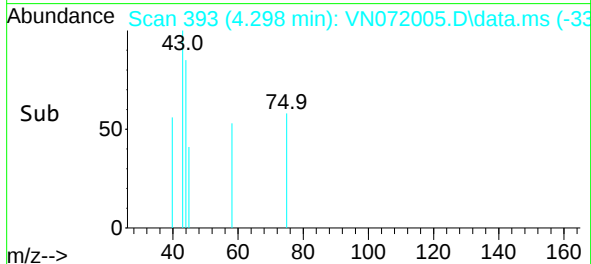
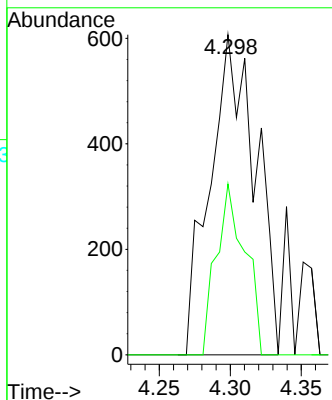
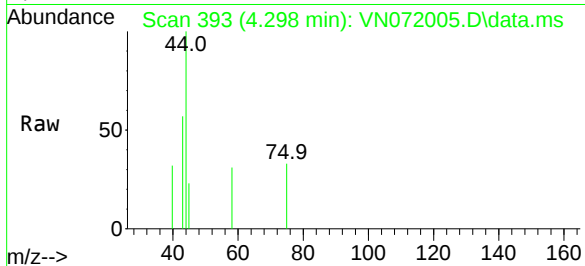




#16
Acetone
Concen: 0.564 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

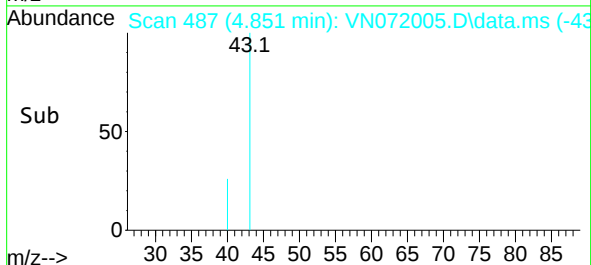
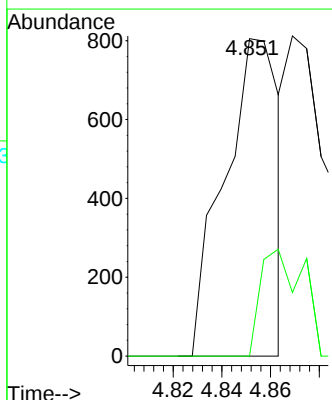
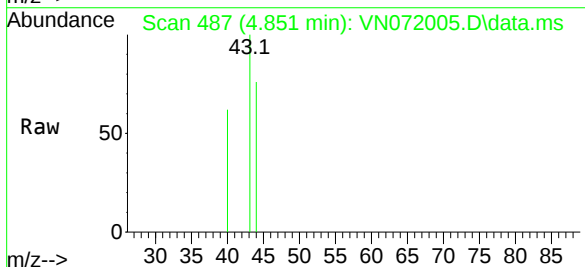
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

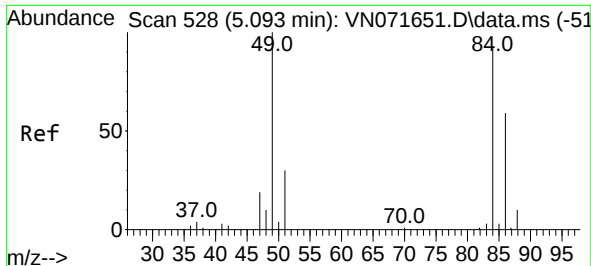
Tgt Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
58 53.4 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
74 26.0 21.6 32.4

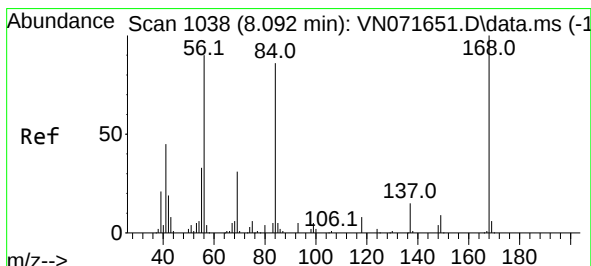
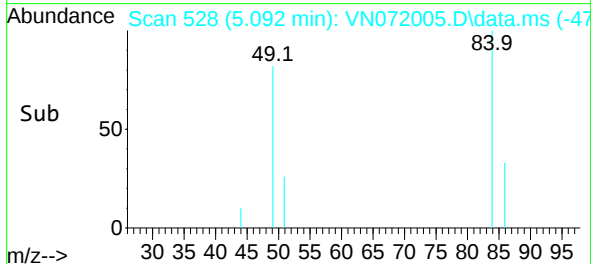
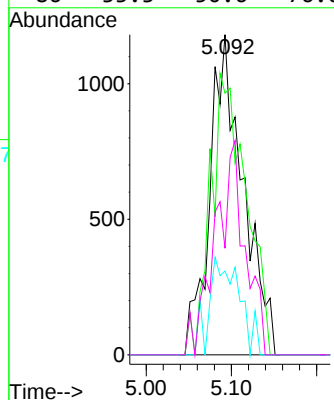
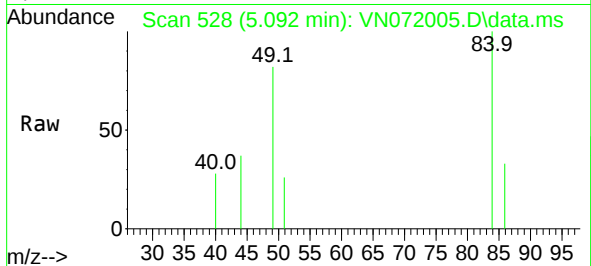




#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

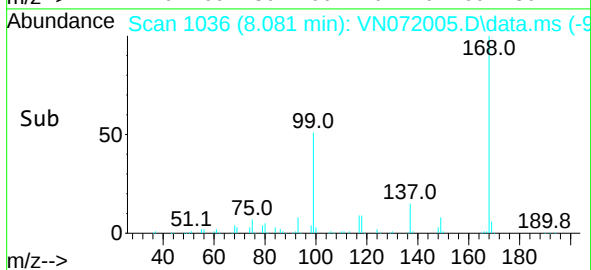
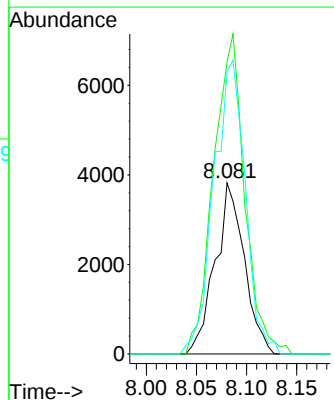
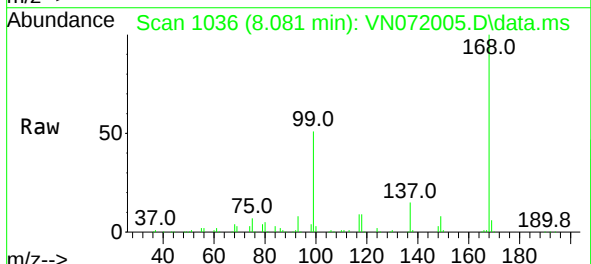
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

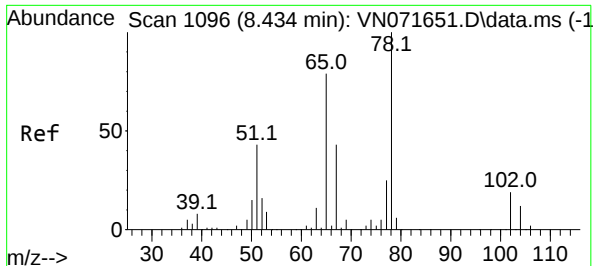
Tgt Ion: 84	Resp: 3232
Ion Ratio	Lower Upper
84 100	
49 81.7	88.3 132.5#
51 26.2	28.2 42.2#
86 33.3	50.6 76.0#



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 56	Resp: 7737		
Ion Ratio	Lower	Upper	
56 100			
69 170.8	27.8	41.8#	
84 165.5	76.9	115.3#	





#33

1,2-Dichloroethane-d4

Concen: 47.999 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072005.D

Acq: 15 Apr 2022 16:26

Instrument :

MSVOA_N

ClientSampleId :

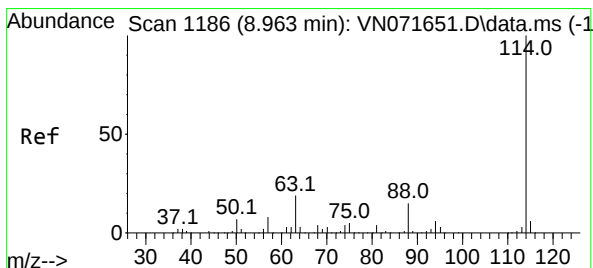
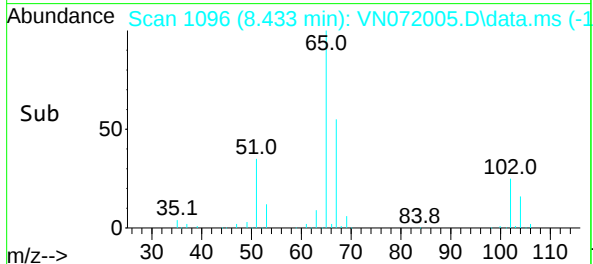
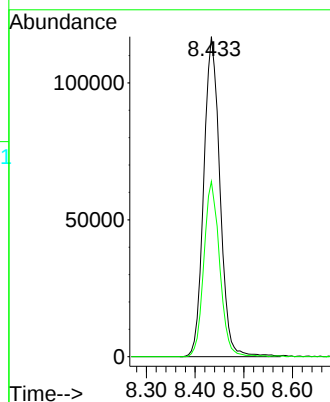
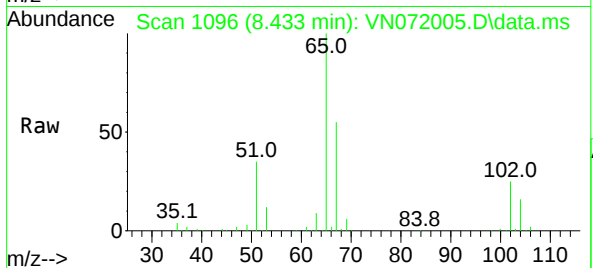
VN0415WBL02

Tgt Ion: 65 Resp: 269816

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072005.D

Acq: 15 Apr 2022 16:26

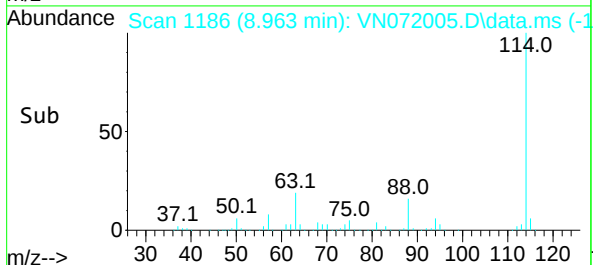
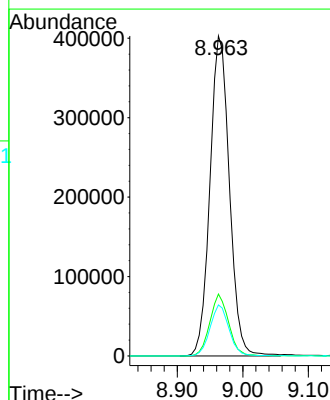
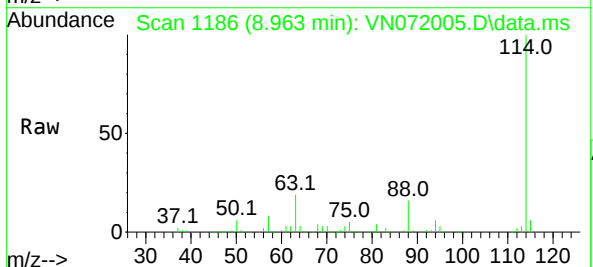
Tgt Ion: 114 Resp: 829421

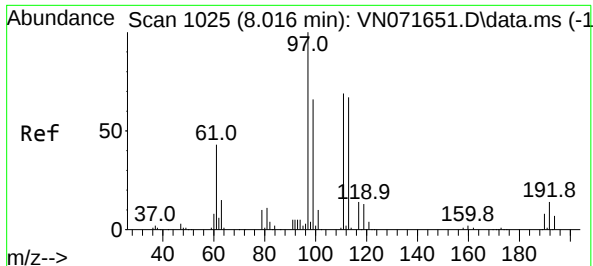
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 16.0 0.0 32.6

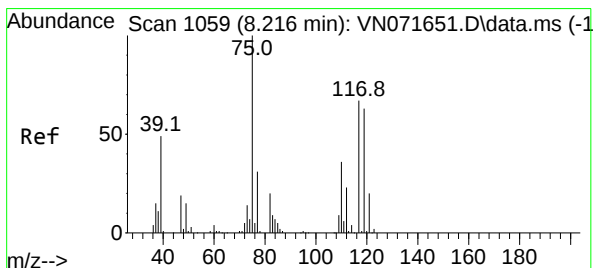
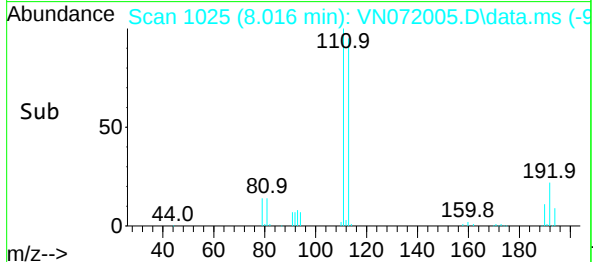
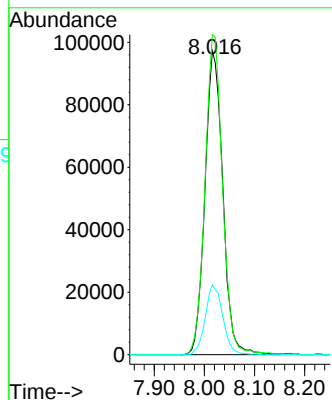
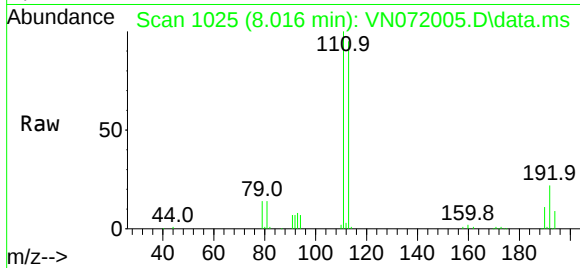




#35
Dibromofluoromethane
Concen: 49.386 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

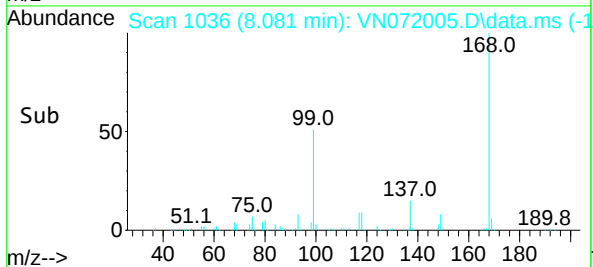
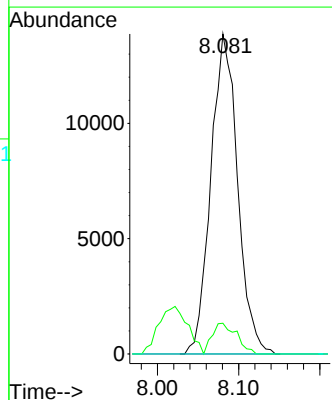
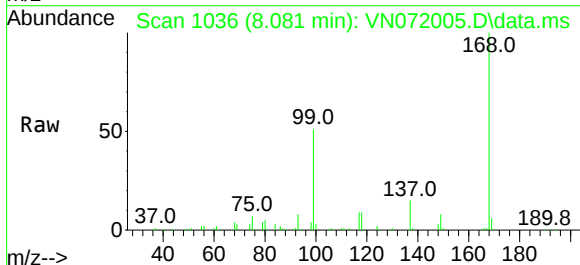
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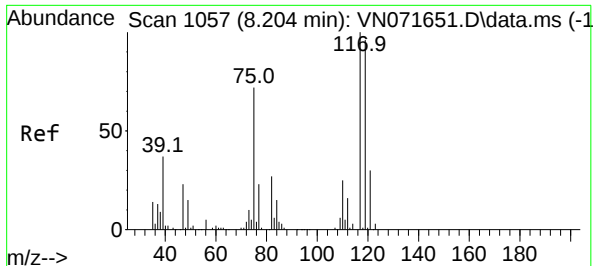
Tgt Ion:113 Resp: 241037
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 22.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 75 Resp: 31734
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#

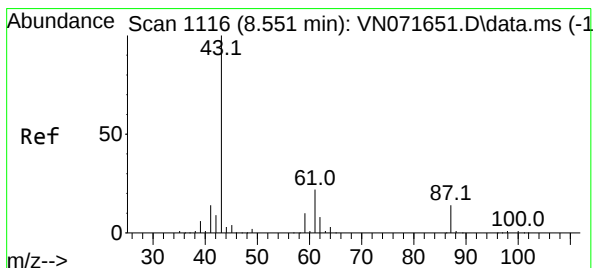
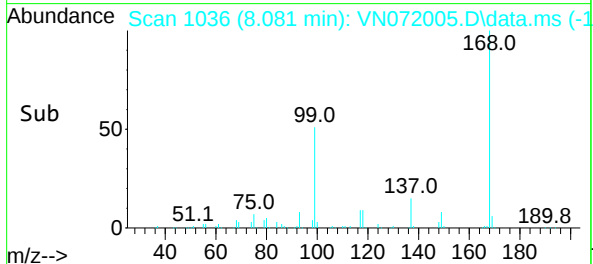
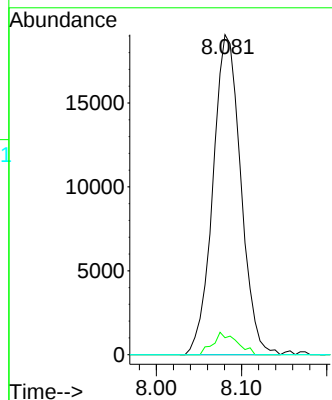
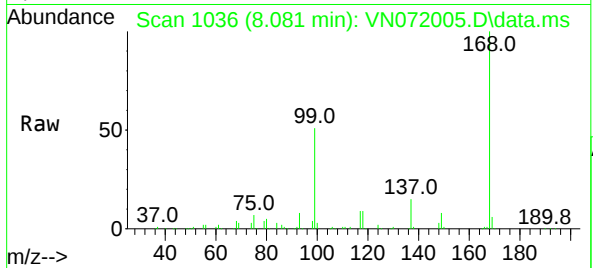




#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 8.081 min Scan# 1105
Delta R.T. -0.123 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

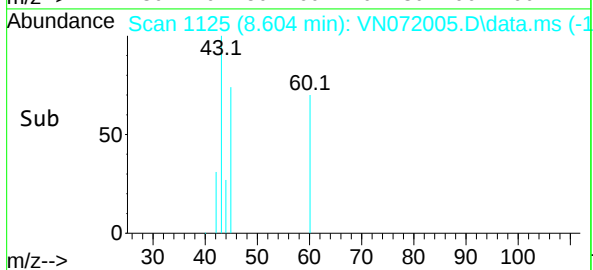
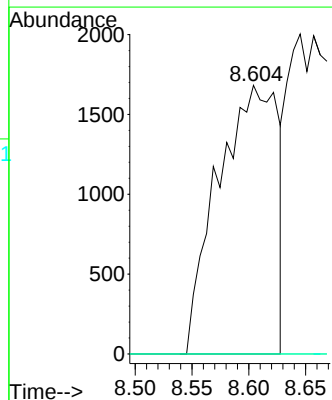
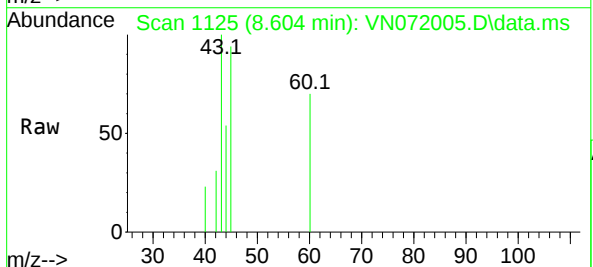
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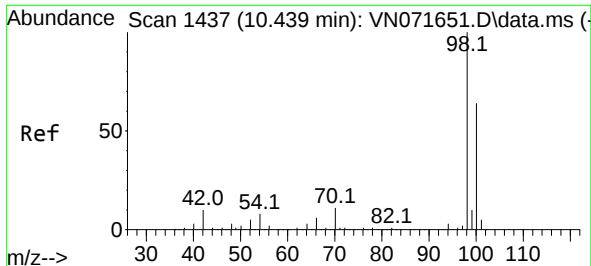
Tgt Ion:117 Resp: 43359
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.497 ug/l
RT: 8.604 min Scan# 1125
Delta R.T. 0.053 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

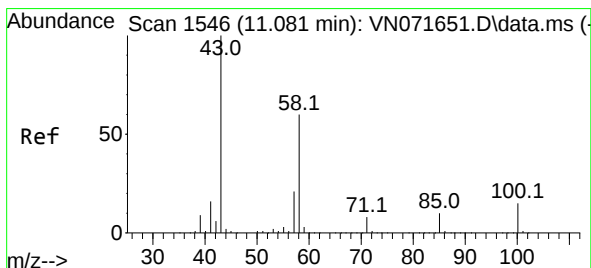
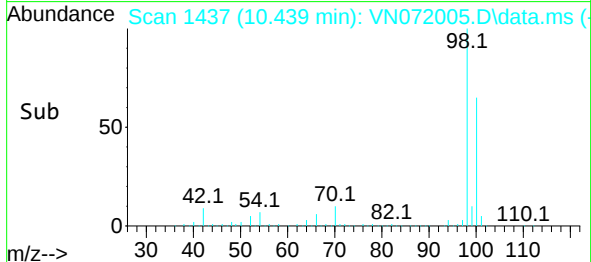
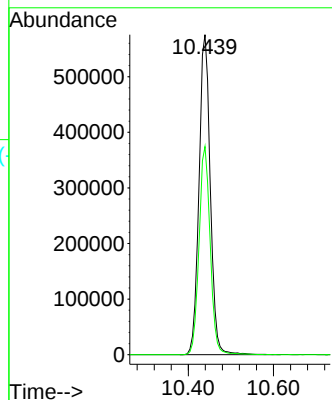
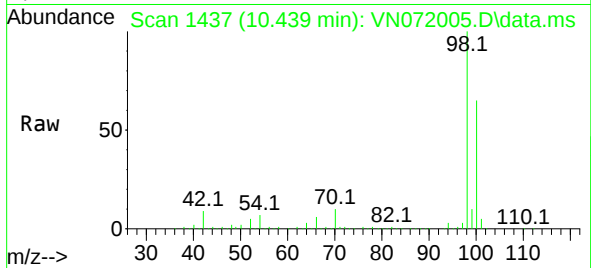




#50
Toluene-d8
Concen: 52.989 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

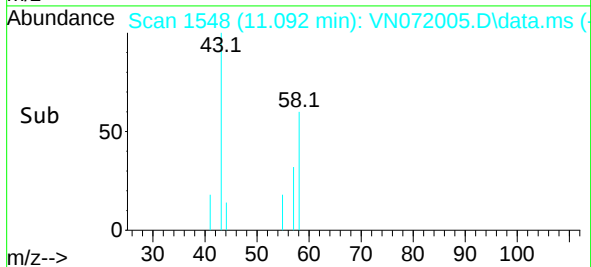
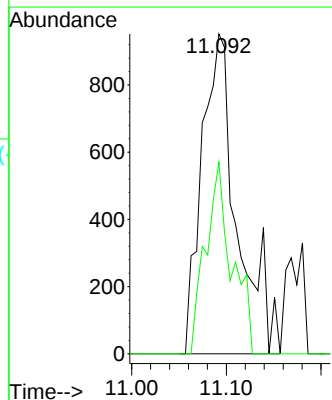
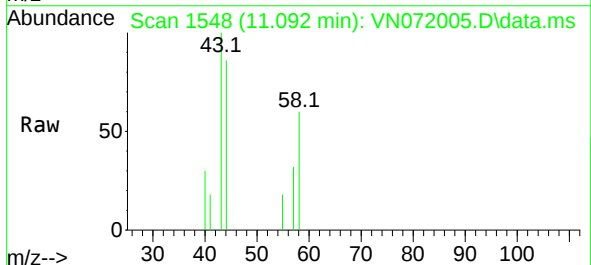
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

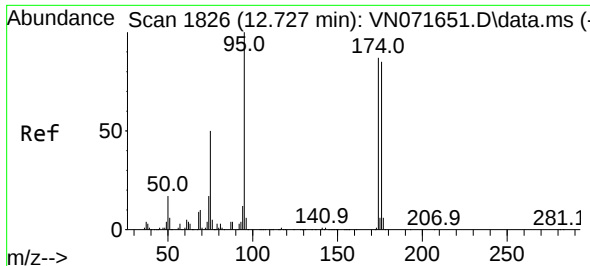
Tgt Ion: 98 Resp: 1057957
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#59
2-Hexanone
Concen: 0.491 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 44.6 29.7 89.1

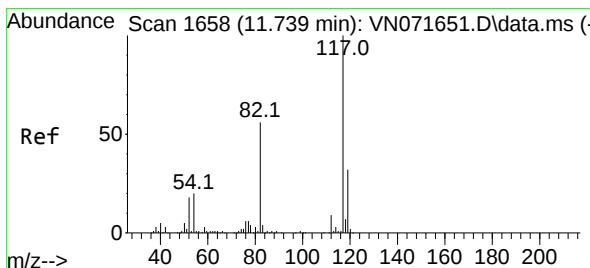
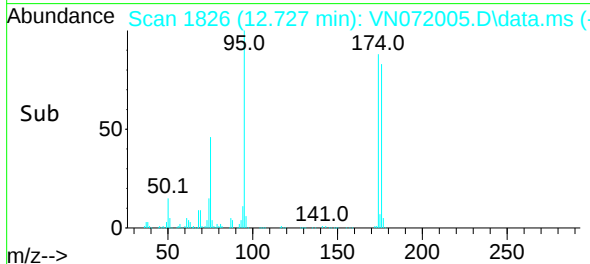
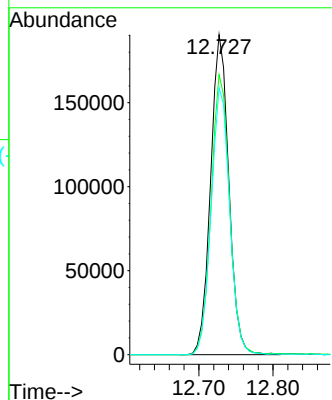
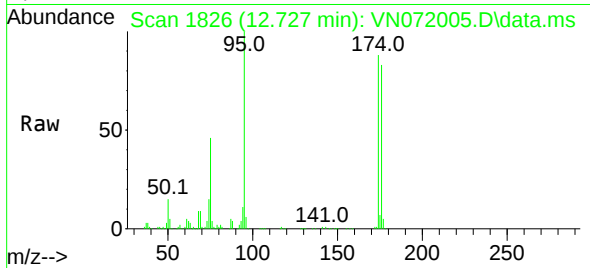




#62
4-Bromofluorobenzene
Concen: 50.466 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

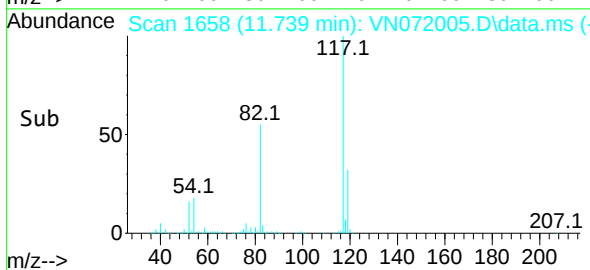
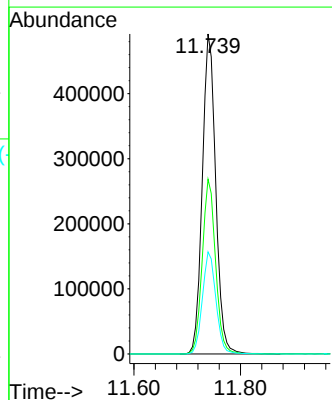
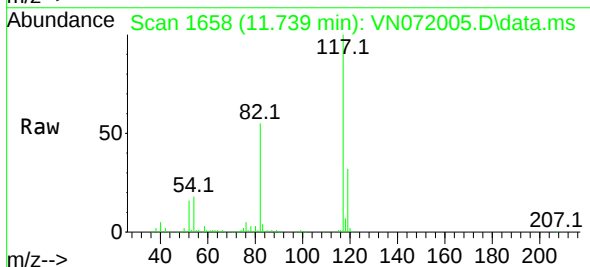
Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

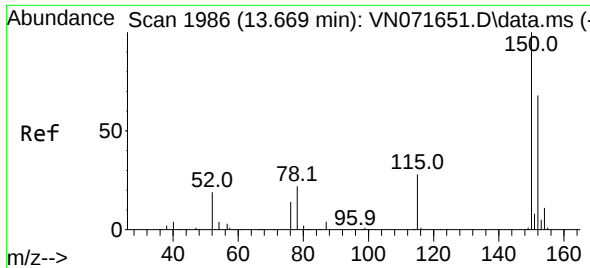
Tgt Ion: 95 Resp: 325869
Ion Ratio Lower Upper
95 100
174 88.8 0.0 167.6
176 84.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion: 117 Resp: 859340
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.9 25.4 38.0

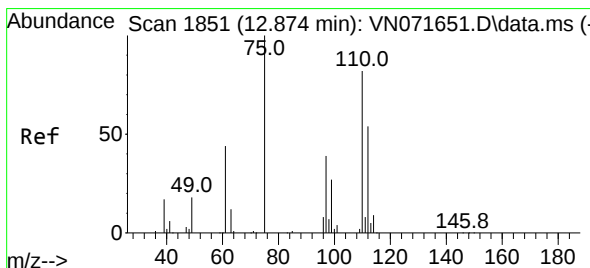
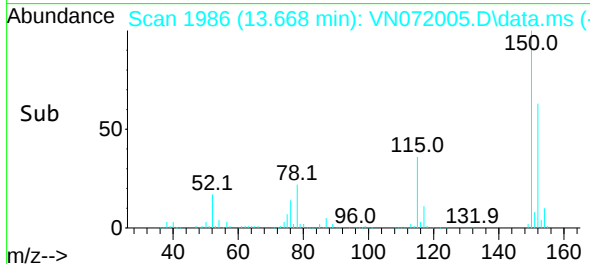
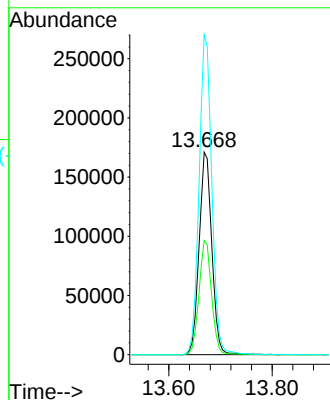
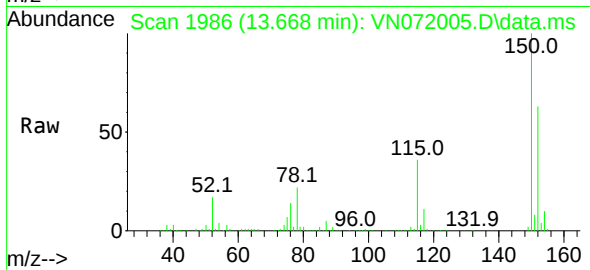




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072005.D
 Acq: 15 Apr 2022 16:26

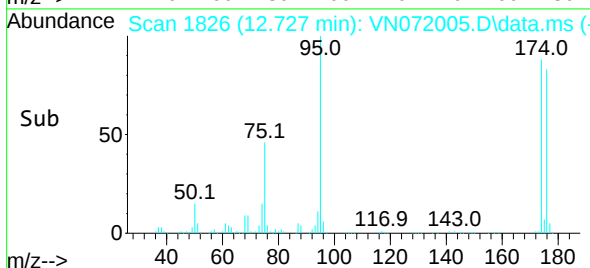
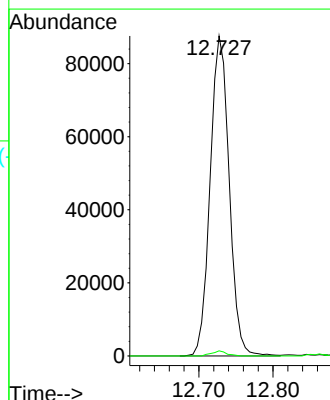
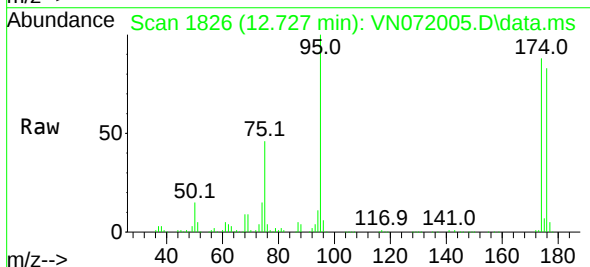
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBL02

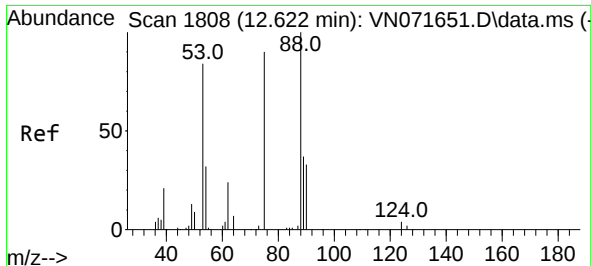
Tgt Ion:152 Resp: 291839
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.107 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072005.D
 Acq: 15 Apr 2022 16:26

Tgt Ion: 75 Resp: 156220
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

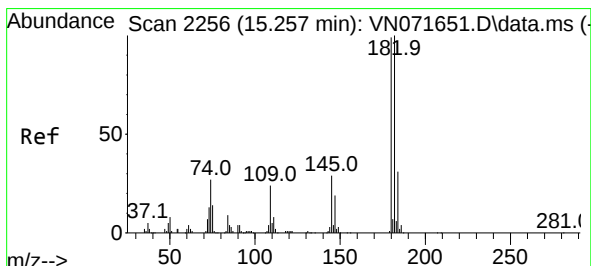
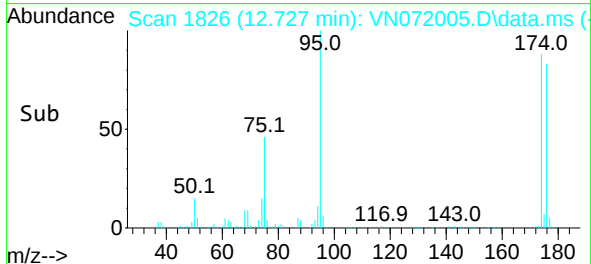
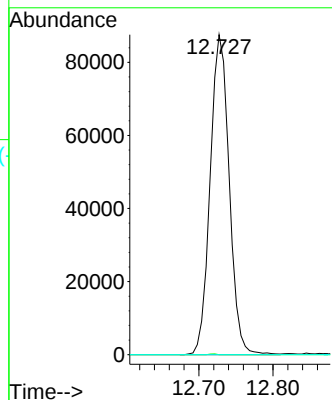
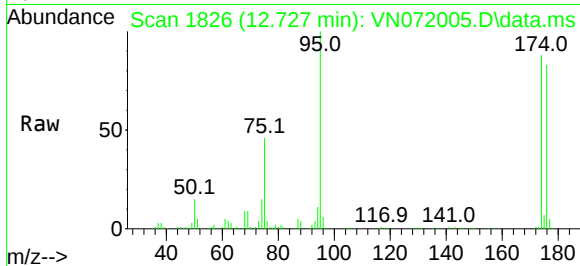




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.608 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN072005.D
 Acq: 15 Apr 2022 16:26

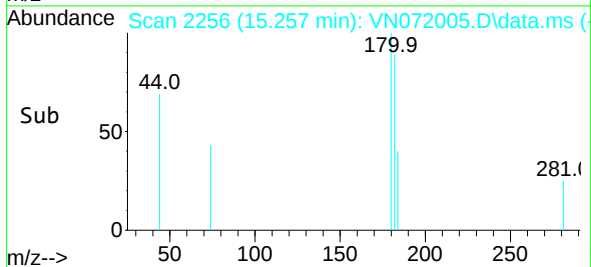
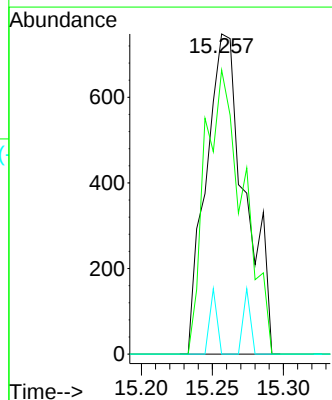
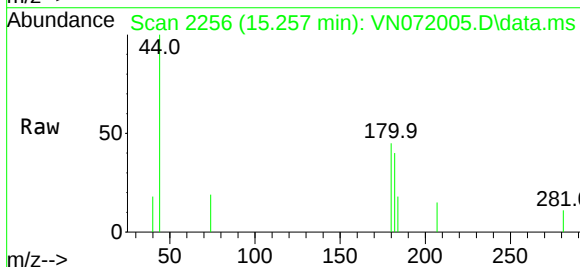
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBL02

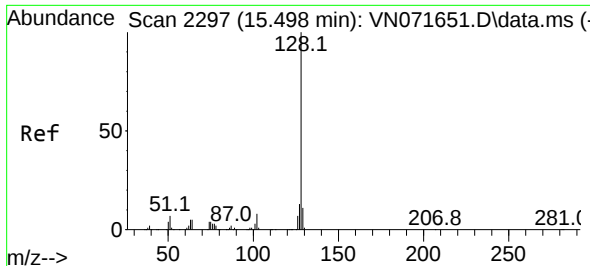
Tgt Ion: 75 Resp: 156220
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.381 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.000 min
 Lab File: VN072005.D
 Acq: 15 Apr 2022 16:26

Tgt Ion:180 Resp: 1431
 Ion Ratio Lower Upper
 180 100
 182 86.9 47.5 142.5
 145 3.8 14.5 43.5#

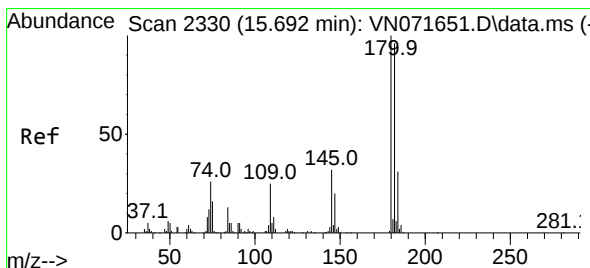
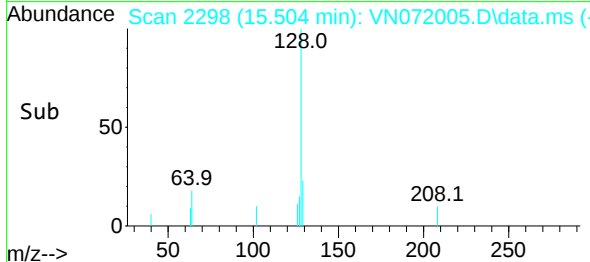
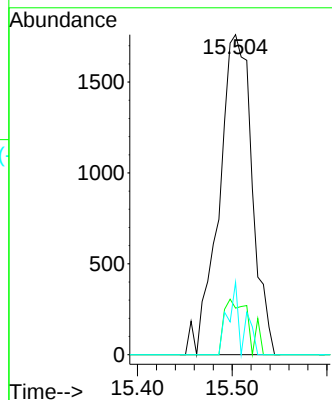
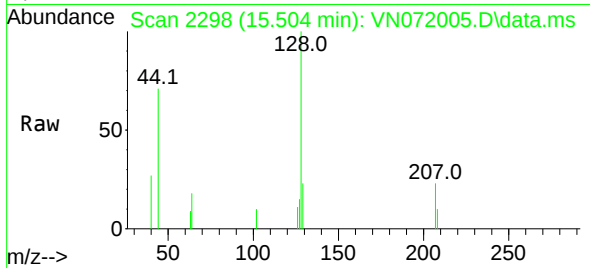




#95
Naphthalene
Concen: 4.100 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBL02

Tgt Ion:128 Resp: 4280
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 9.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.762 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072005.D
Acq: 15 Apr 2022 16:26

Tgt Ion:180 Resp: 1643
Ion Ratio Lower Upper
180 100
182 101.9 47.8 143.3
145 20.8 15.5 46.5

