

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072215.D
 Acq On : 27 Apr 2022 14:53
 Operator : JC\MD
 Sample : N2575-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31799

Quant Time: Apr 28 06:03:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

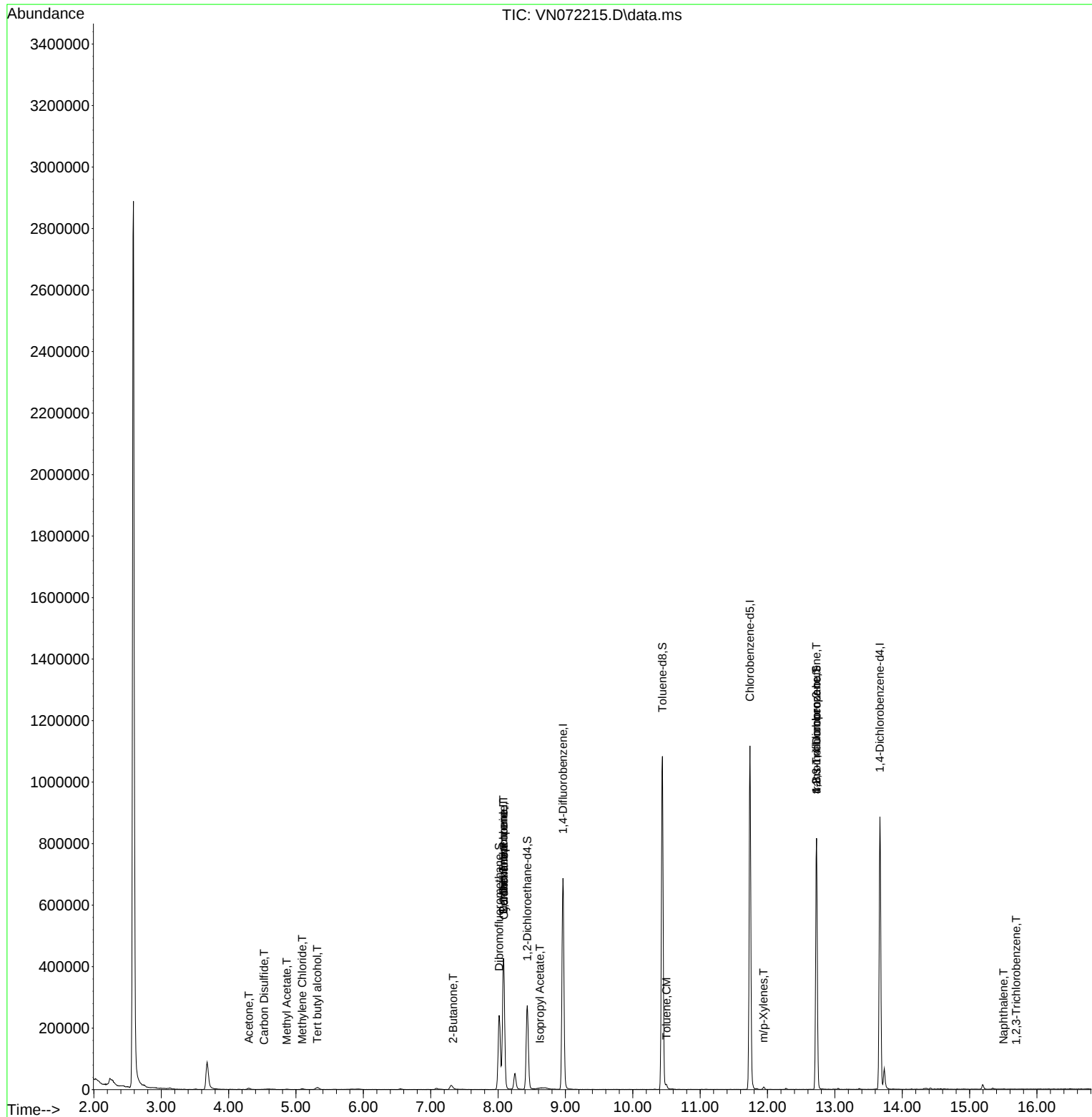
Internal Standards						
1) Pentafluorobenzene	8.081	168	312720	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	582716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	617583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	230150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238331	49.642	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.280%		
35) Dibromofluoromethane	8.016	113	176809	47.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.820%		
50) Toluene-d8	10.439	98	744567	50.805	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.727	95	288827	59.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.760%		
Target Compounds						
						Qvalue
3) Chloromethane	2.310	50	1649	Below Cal	#	43
5) Bromomethane	2.852	94	60	Below Cal	#	2
6) Chloroethane	2.952	64	660	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	6955	8.815	ug/l #	72
16) Acetone	4.298	43	5621	2.716	ug/l #	80
17) Carbon Disulfide	4.528	76	650	0.455	ug/l #	75
18) Methyl Acetate	4.863	43	2894	0.461	ug/l #	57
20) Methylene Chloride	5.093	84	1130	0.285	ug/l #	84
25) 2-Butanone	7.334	43	4749	1.441	ug/l	99
31) Cyclohexane	8.086	56	7734	1.206	ug/l #	29
36) 1,1-Dichloropropene	8.081	75	26244	4.834	ug/l #	48
38) Carbon Tetrachloride	8.081	117	33003	5.676	ug/l #	16
43) Isopropyl Acetate	8.622	43	5545	1.283	ug/l #	53
52) Toluene	10.498	92	4557	0.453	ug/l	92
68) m/p-Xylenes	11.939	106	2104	0.260	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.733	83	186	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	159443	30.837	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	159443	80.103	ug/l #	10
95) Naphthalene	15.504	128	1438	4.410	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.692	180	61	2.690	ug/l #	1

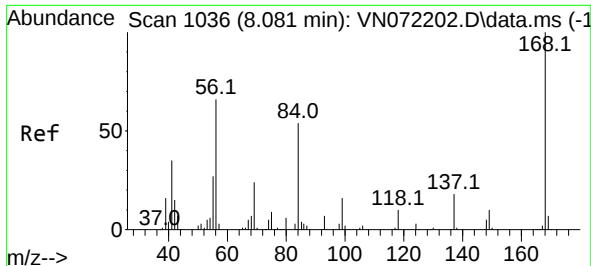
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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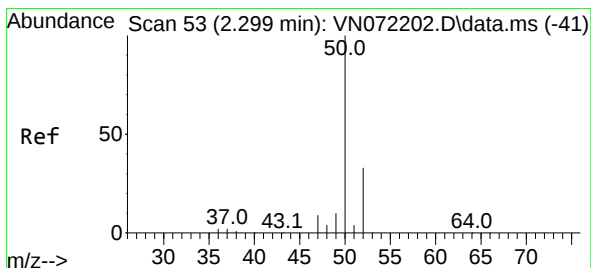
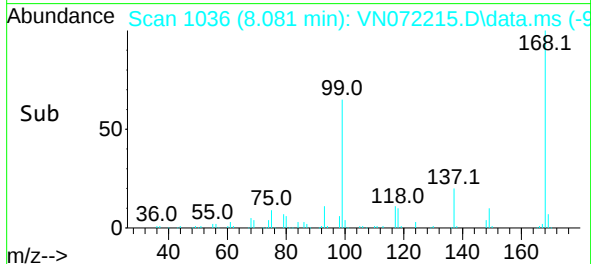
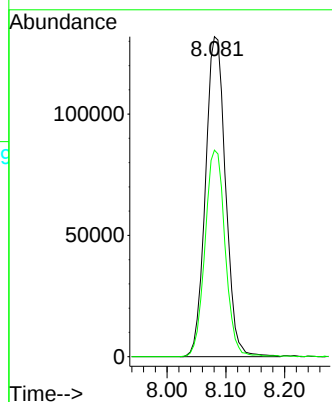
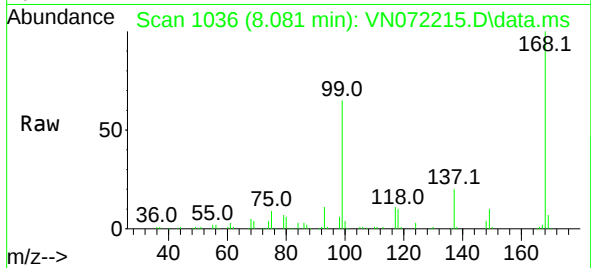




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

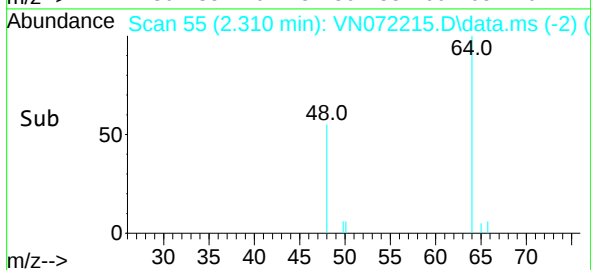
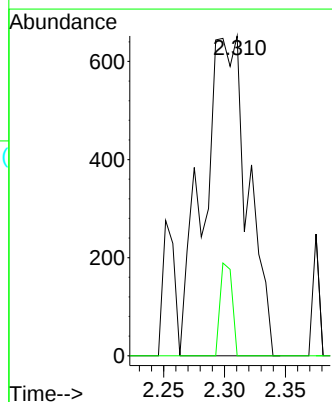
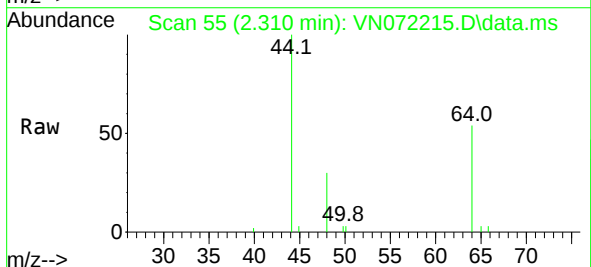
Instrument :
MSVOA_N
ClientSampleId :
31799

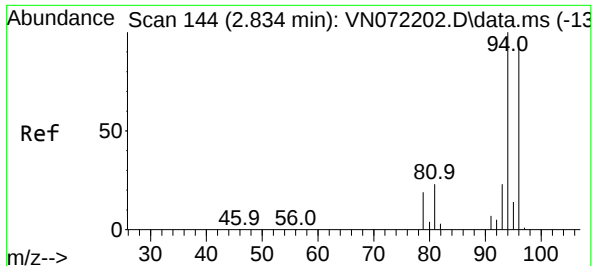
Tgt Ion:168 Resp: 312720
Ion Ratio Lower Upper
168 100
99 64.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.310 min Scan# 55
Delta R.T. 0.011 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 50 Resp: 1649
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.852 min Scan# 14

Delta R.T. 0.018 min

Lab File: VN072215.D

Acq: 27 Apr 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

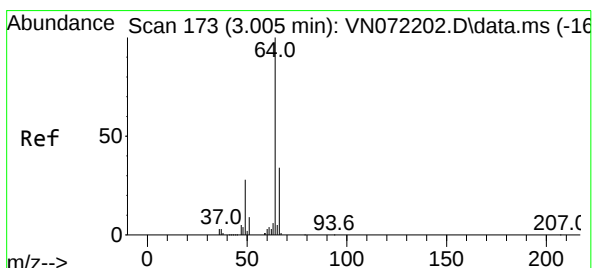
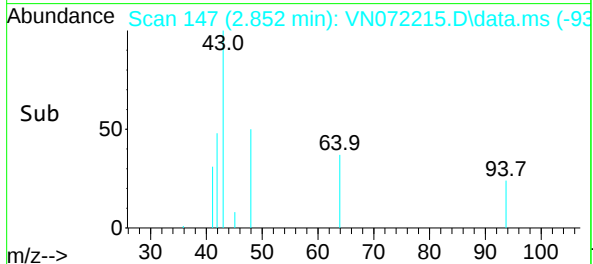
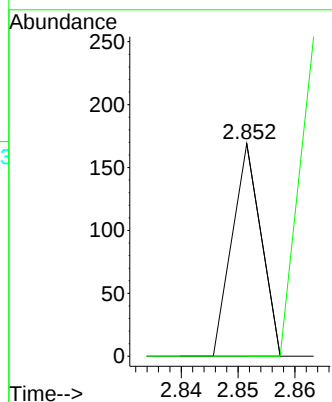
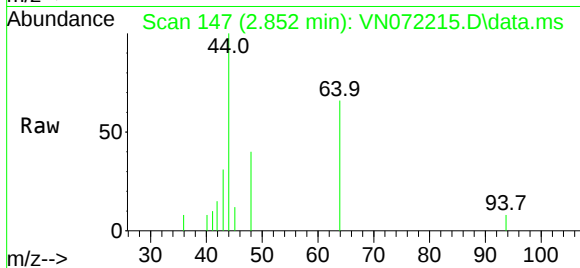
31799

Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.952 min Scan# 164

Delta R.T. -0.053 min

Lab File: VN072215.D

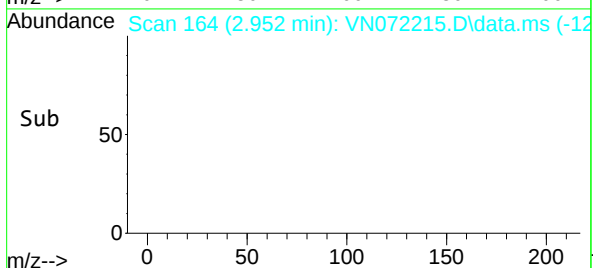
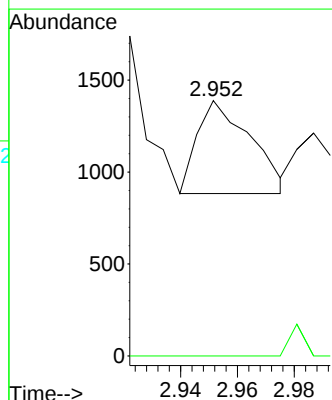
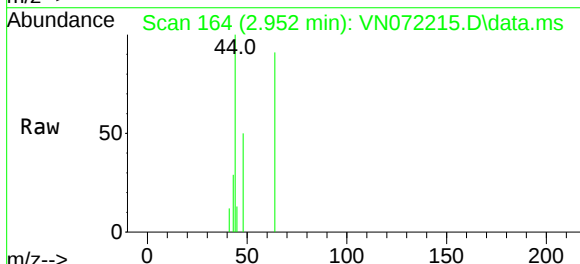
Acq: 27 Apr 2022 14:53

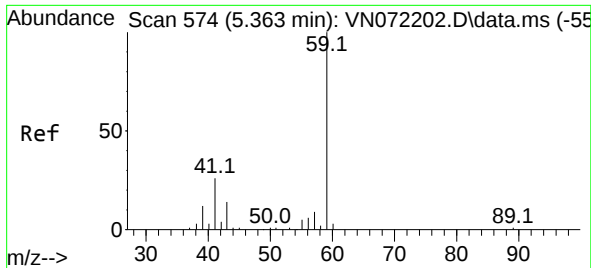
Tgt Ion: 64 Resp: 660

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

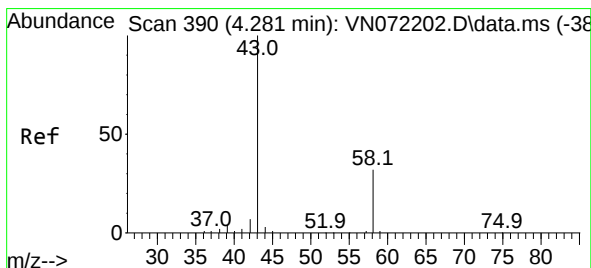
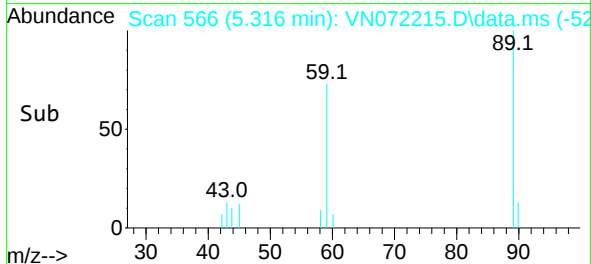
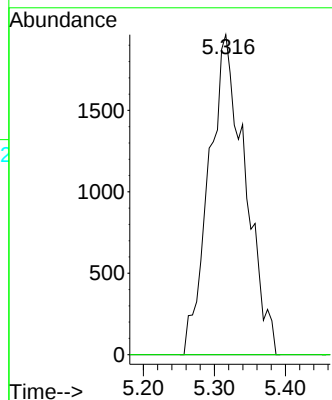
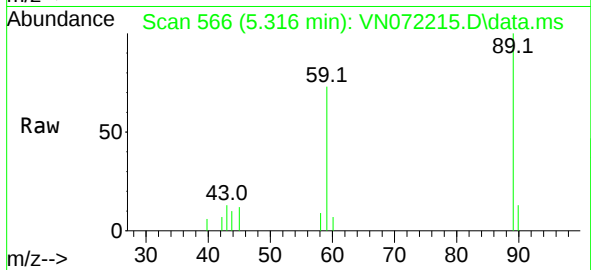




#11
Tert butyl alcohol
Concen: 8.815 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

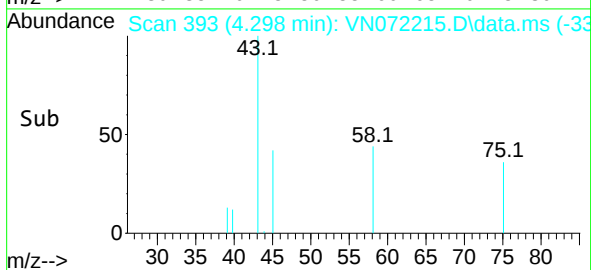
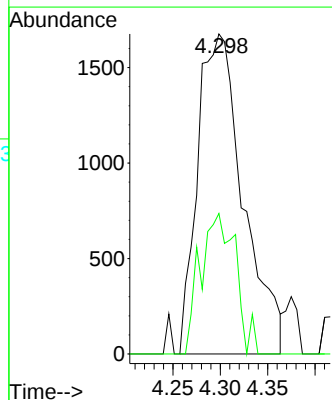
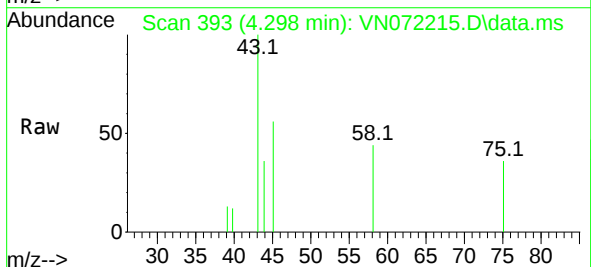
Instrument :
MSVOA_N
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31799

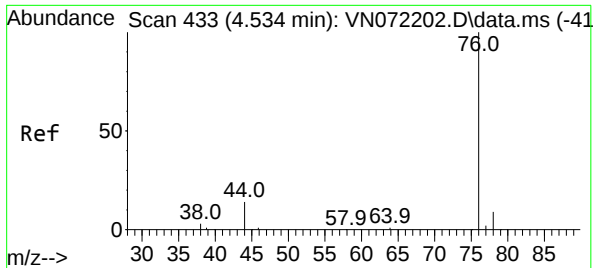
Tgt Ion: 59 Resp: 6955
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.716 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 43 Resp: 5621
Ion Ratio Lower Upper
43 100
58 43.9 26.0 39.0#

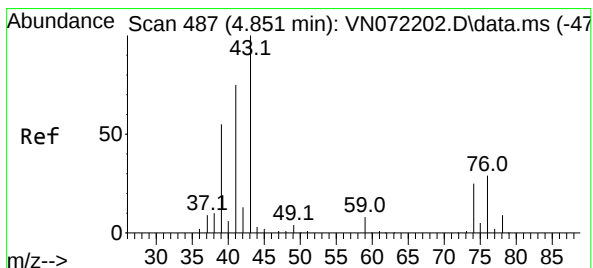
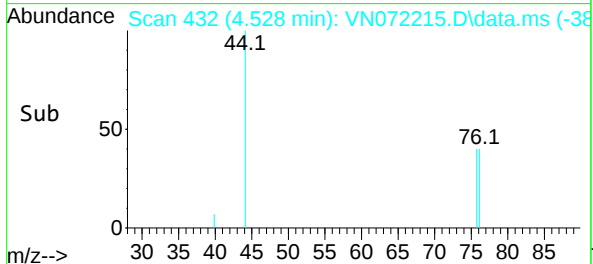
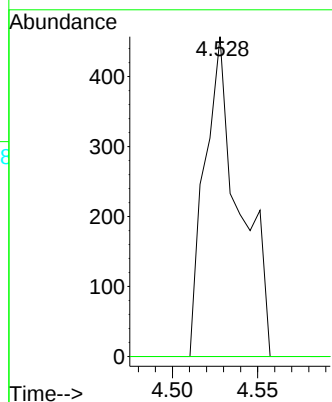
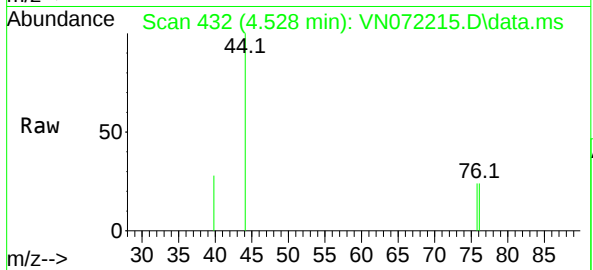




#17
Carbon Disulfide
Concen: 0.455 ug/l
RT: 4.528 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

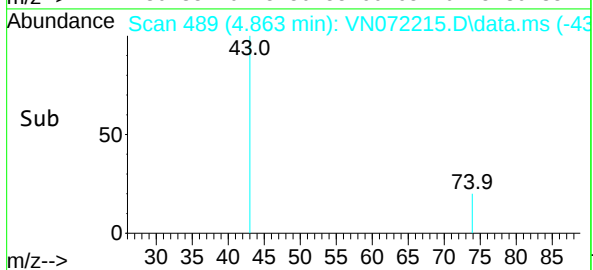
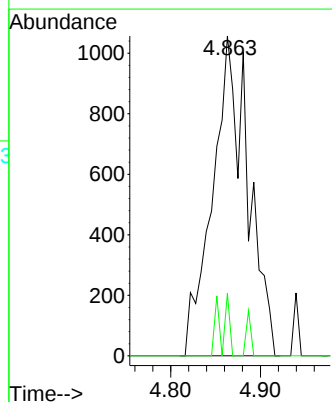
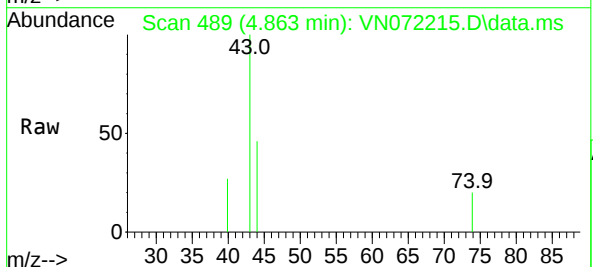
Instrument :
MSVOA_N
ClientSampleId :
31799

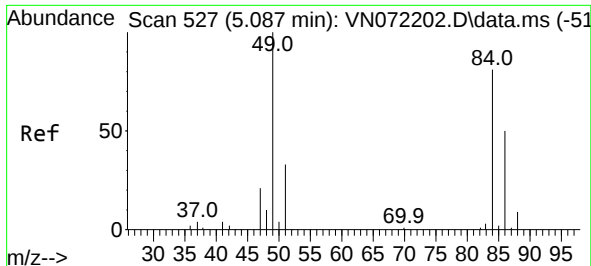
Tgt Ion: 76 Resp: 650
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.461 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

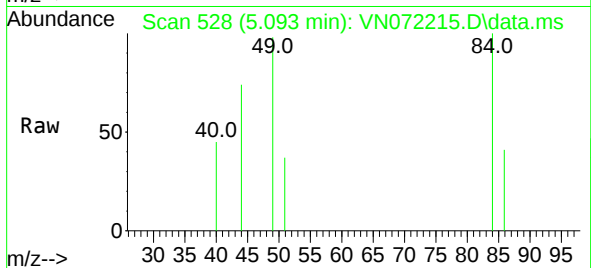
Tgt Ion: 43 Resp: 2894
Ion Ratio Lower Upper
43 100
74 4.9 21.6 32.4#



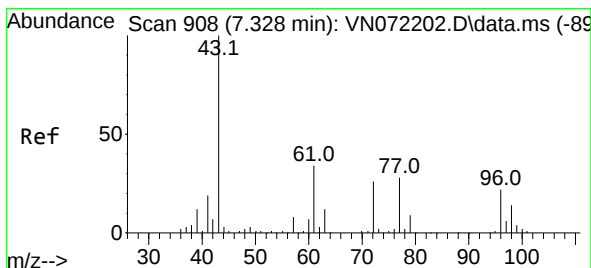
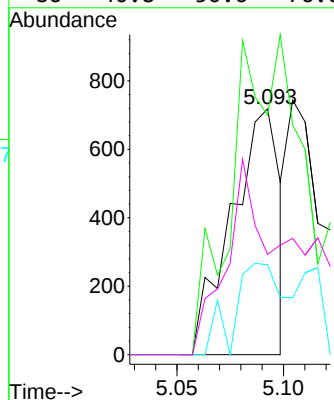


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
31799

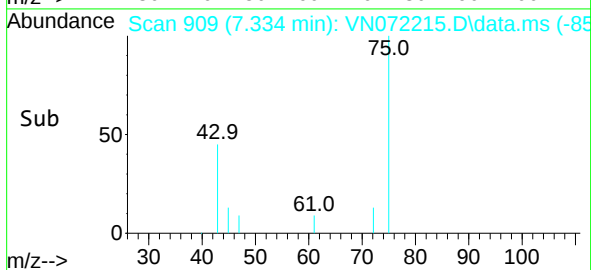
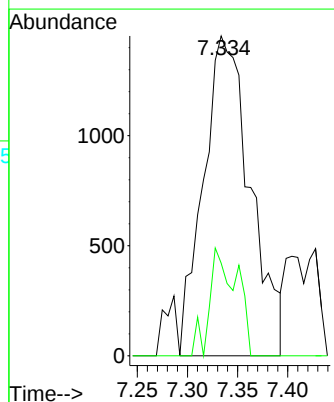
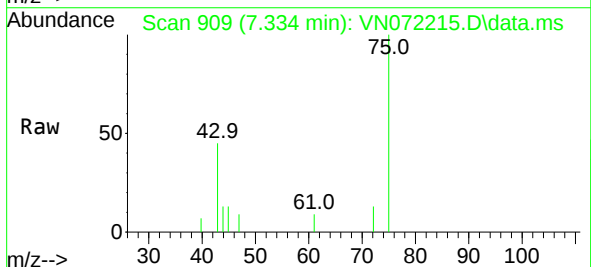


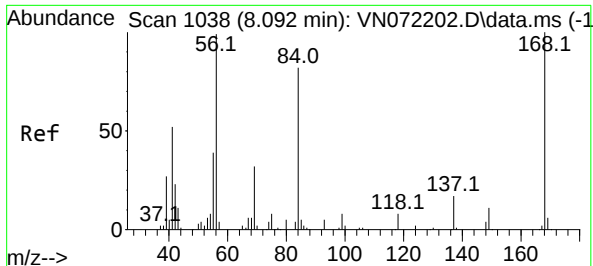
Tgt Ion: 84 Resp: 1130
Ion Ratio Lower Upper
84 100
49 97.6 88.3 132.5
51 36.6 28.2 42.2
86 40.8 50.6 76.0#



#25
2-Butanone
Concen: 1.441 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

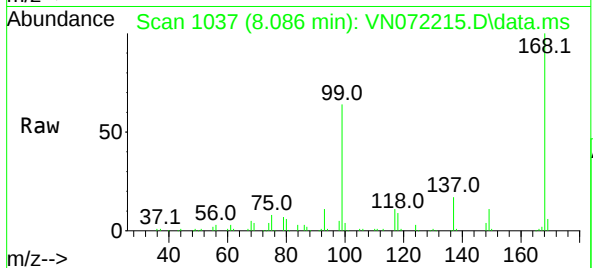
Tgt Ion: 43 Resp: 4749
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5



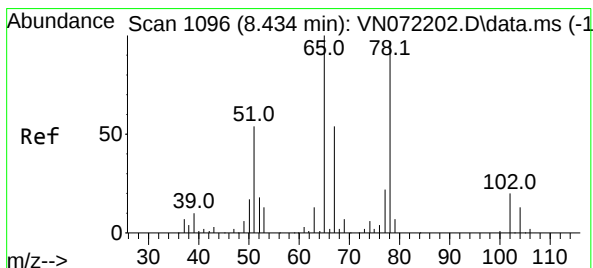
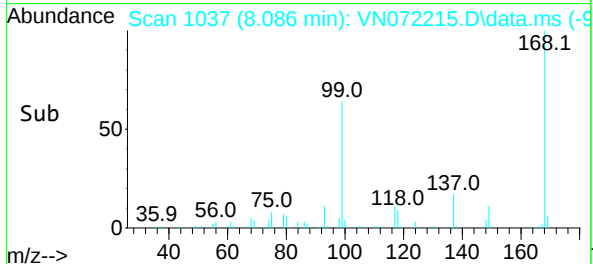
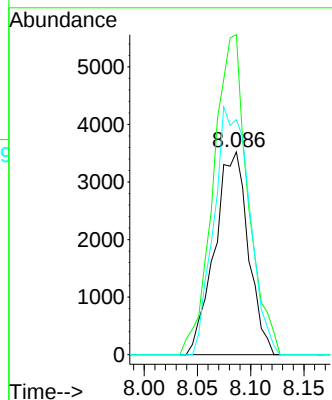


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

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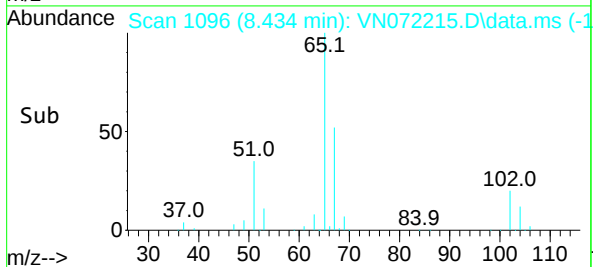
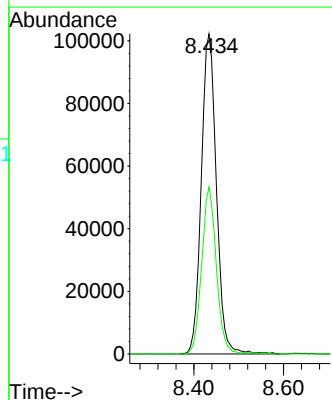
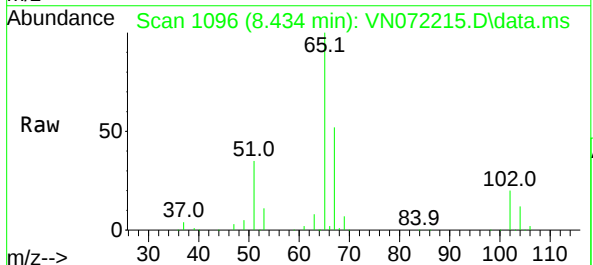


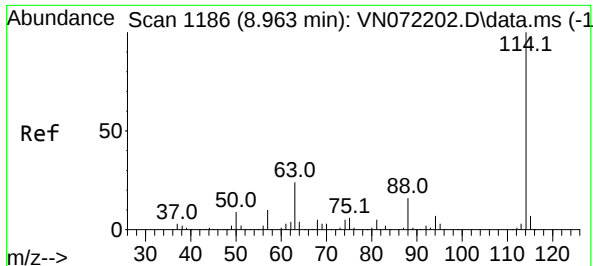
Tgt Ion: 56 Resp: 7734
Ion Ratio Lower Upper
56 100
69 157.9 27.8 41.8#
84 115.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.642 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 65 Resp: 238331
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8

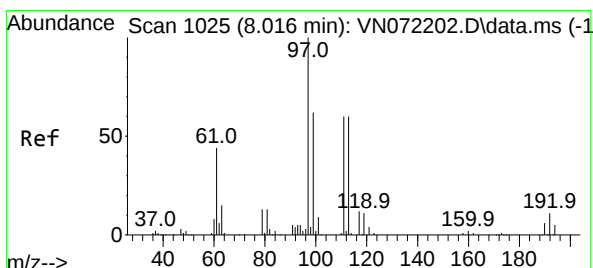
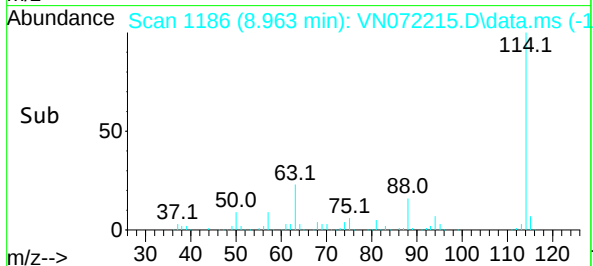
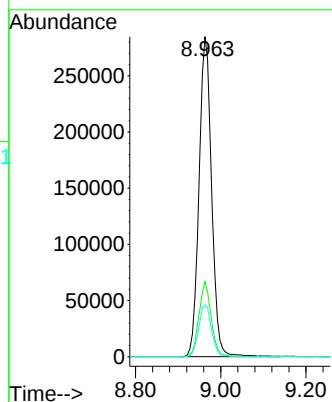
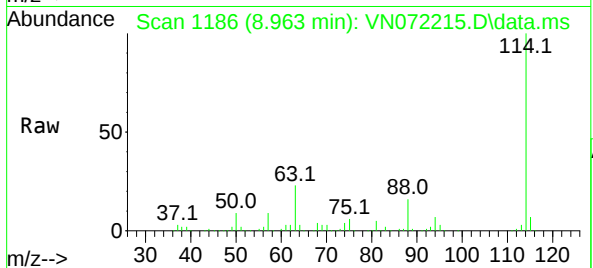




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

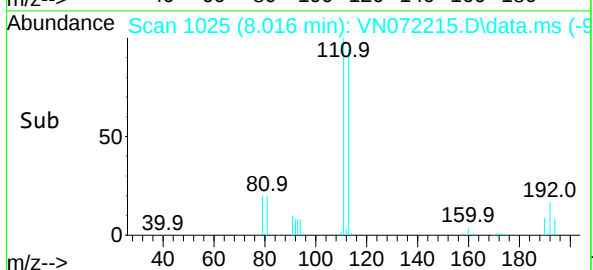
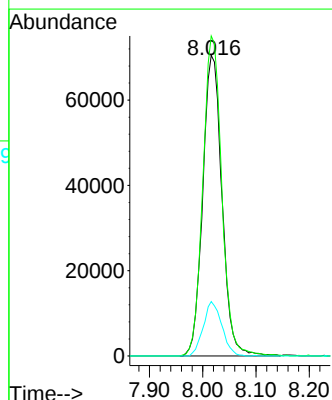
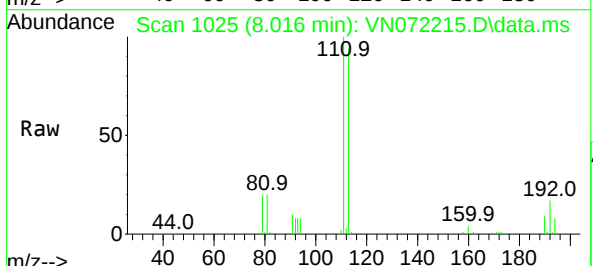
Instrument :
MSVOA_N
ClientSampleId :
31799

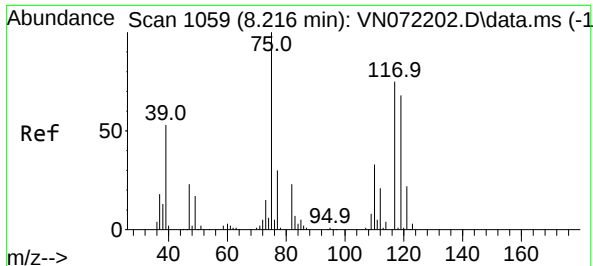
Tgt Ion:114 Resp: 582716
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.0
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.406 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion:113 Resp: 176809
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 17.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.834 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072215.D

Acq: 27 Apr 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

31799

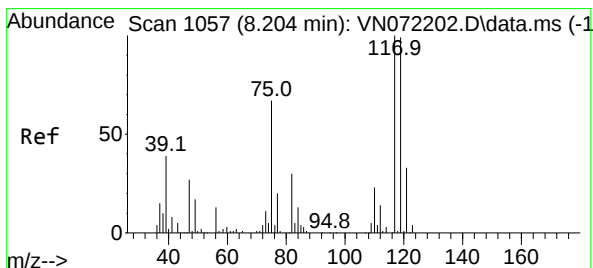
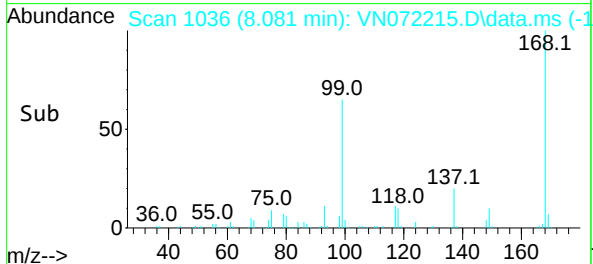
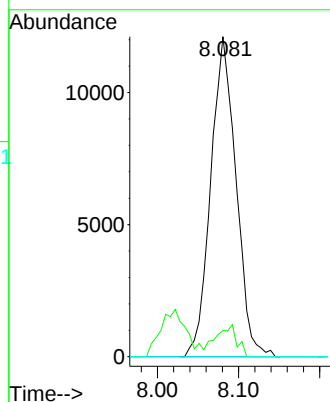
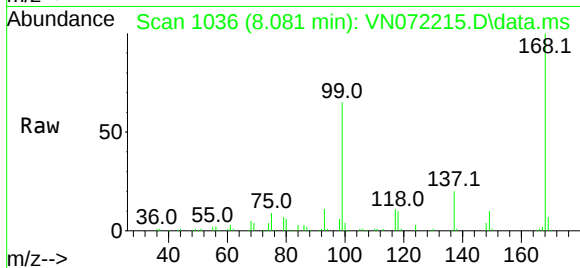
Tgt Ion: 75 Resp: 26244

Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.676 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072215.D

Acq: 27 Apr 2022 14:53

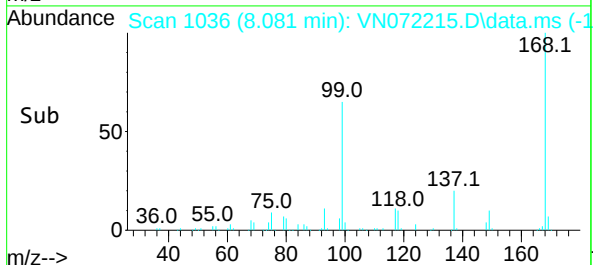
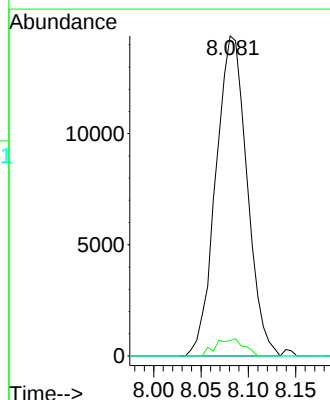
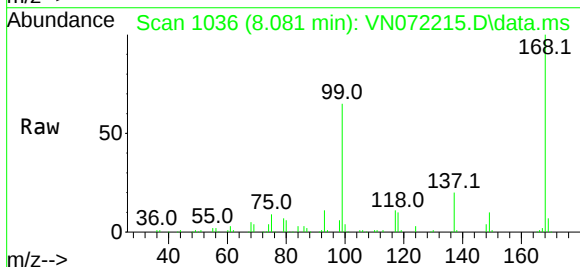
Tgt Ion: 117 Resp: 33003

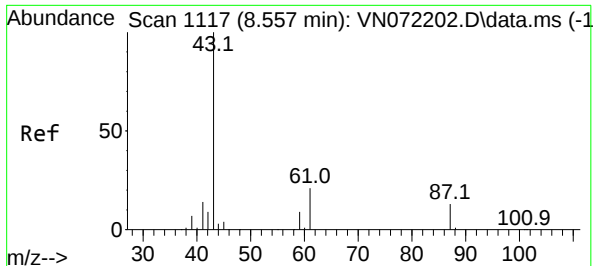
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

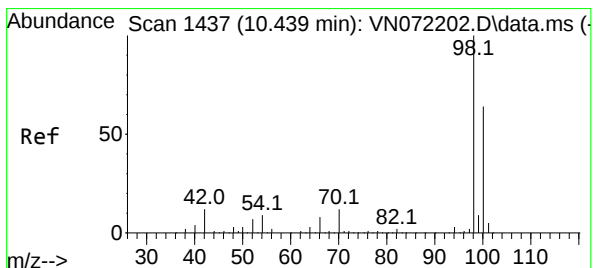
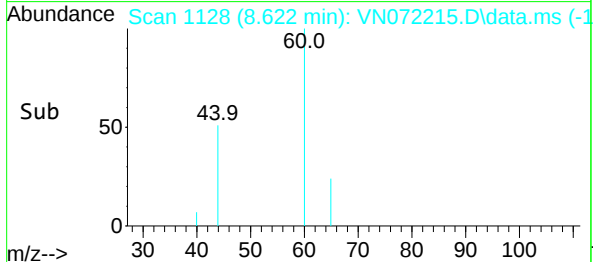
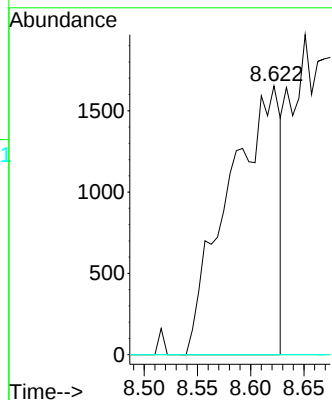
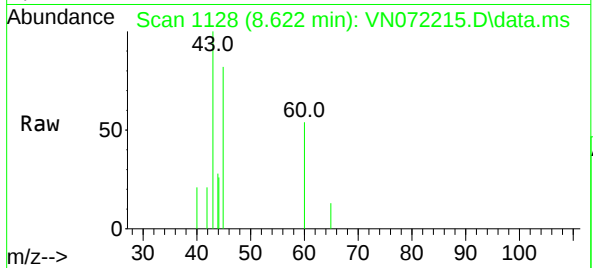




#43
Isopropyl Acetate
Concen: 1.283 ug/l
RT: 8.622 min Scan# 1117
Delta R.T. 0.065 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

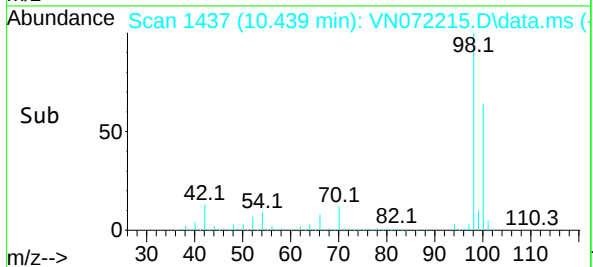
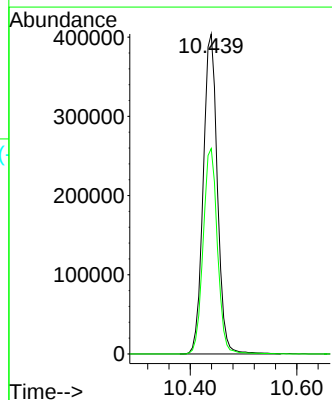
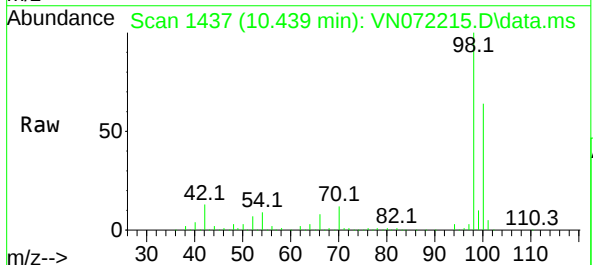
Instrument :
MSVOA_N
ClientSampleId :
31799

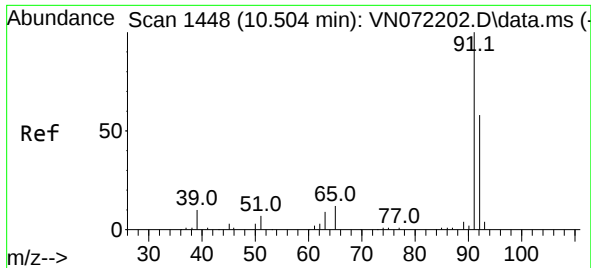
Tgt Ion: 43 Resp: 5545
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 98 Resp: 744567
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

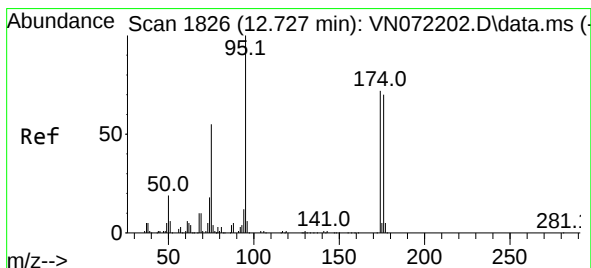
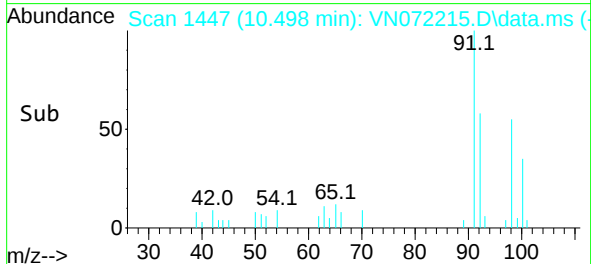
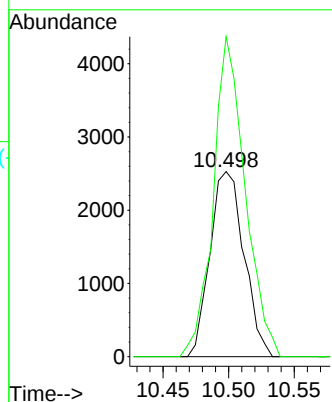
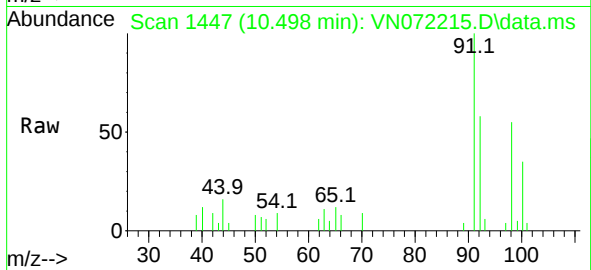




#52
Toluene
Concen: 0.453 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

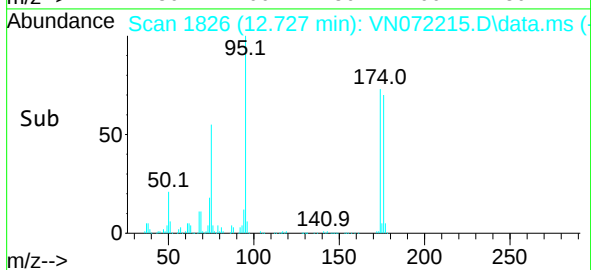
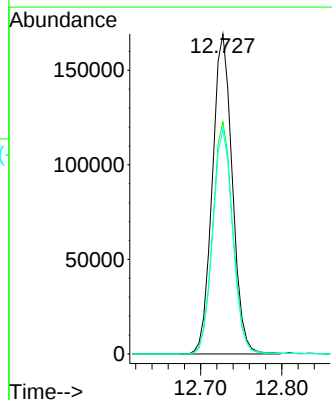
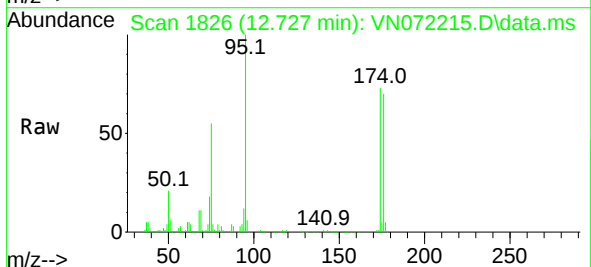
Instrument :
MSVOA_N
ClientSampleId :
31799

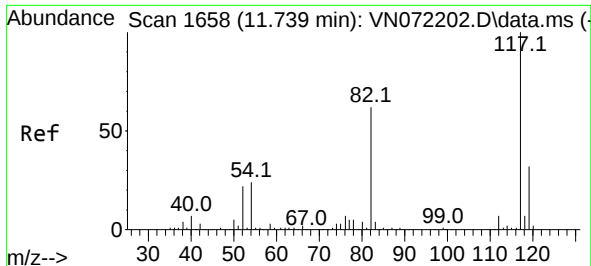
Tgt Ion: 92 Resp: 4557
Ion Ratio Lower Upper
92 100
91 161.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 59.375 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 95 Resp: 288827
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 70.4 0.0 163.4

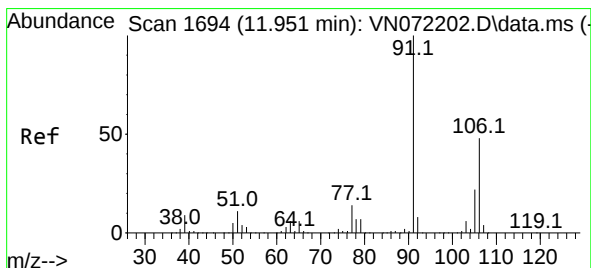
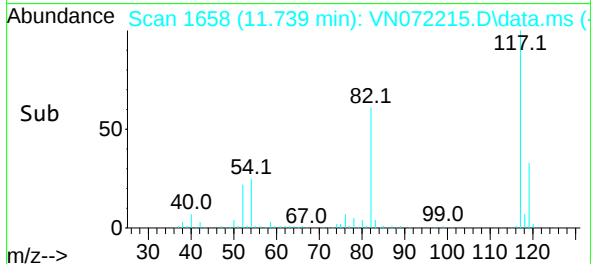
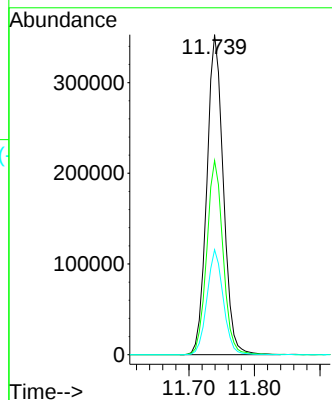
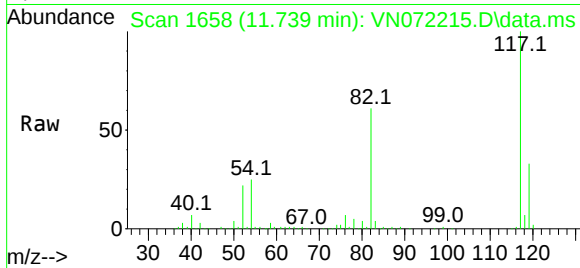




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 11799
Delta R.T. 0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

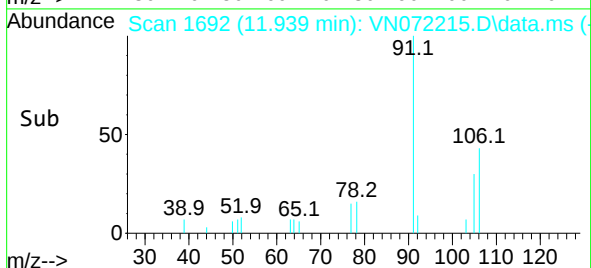
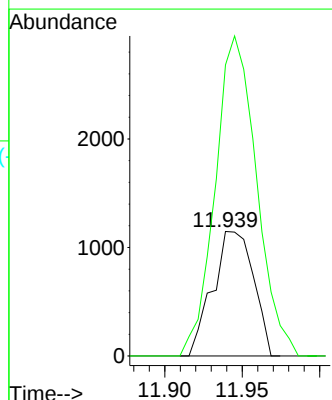
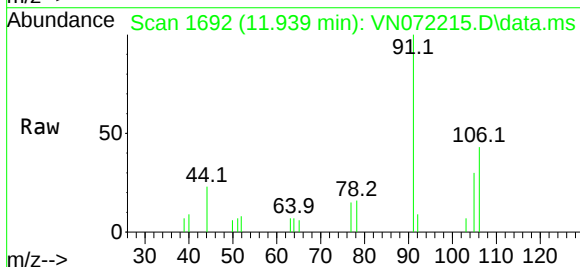
Instrument :
MSVOA_N
ClientSampleId :
31799

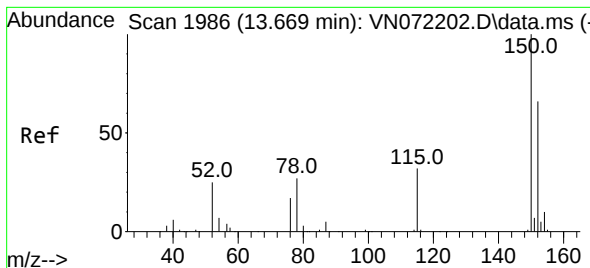
Tgt Ion:117 Resp: 617583
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 0.260 ug/l
RT: 11.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion:106 Resp: 2104
Ion Ratio Lower Upper
106 100
91 260.2 158.9 238.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072215.D

Acq: 27 Apr 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

31799

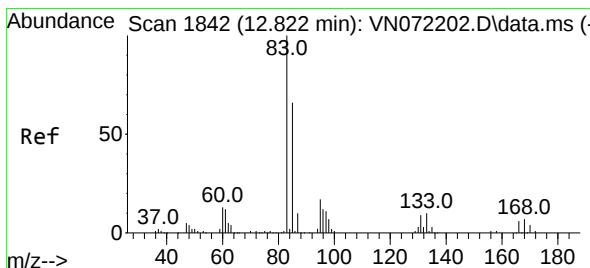
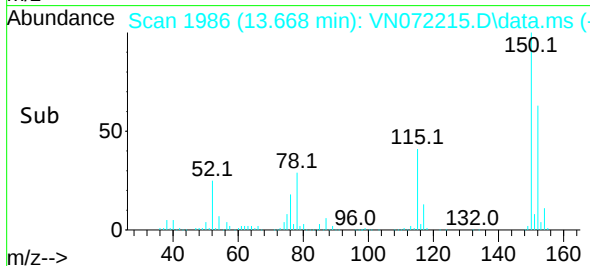
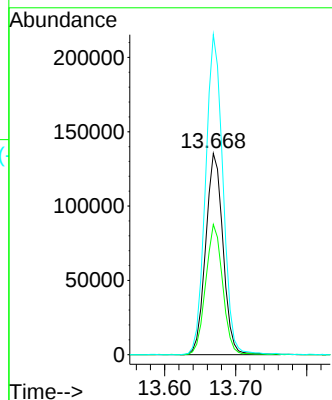
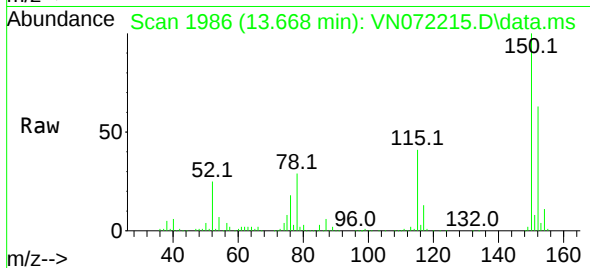
Tgt Ion:152 Resp: 230150

Ion Ratio Lower Upper

152 100

115 63.5 28.9 86.7

150 159.2 0.0 356.2



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.733 min Scan# 1827

Delta R.T. -0.089 min

Lab File: VN072215.D

Acq: 27 Apr 2022 14:53

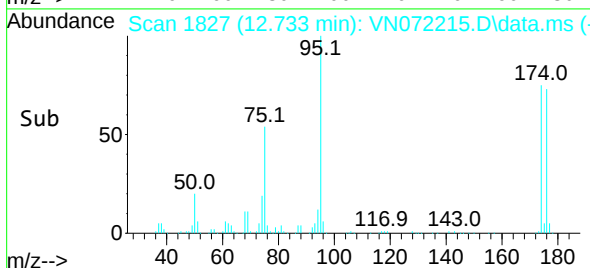
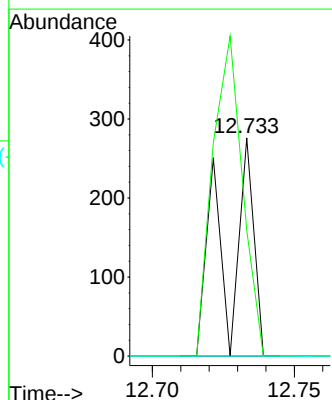
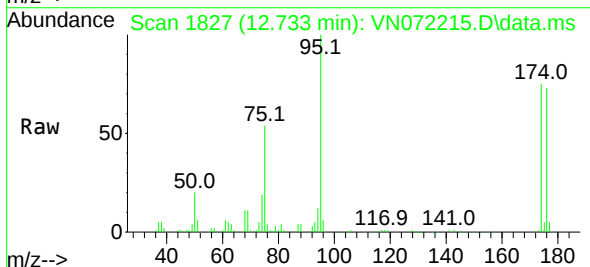
Tgt Ion: 83 Resp: 186

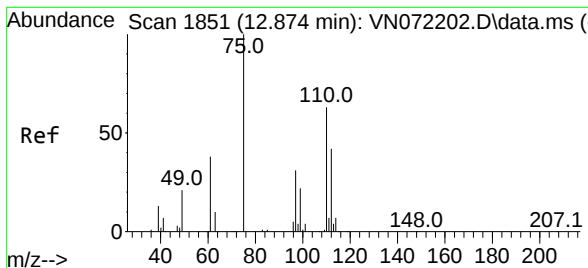
Ion Ratio Lower Upper

83 100

131 158.1 5.3 15.9#

85 0.0 32.3 96.9#

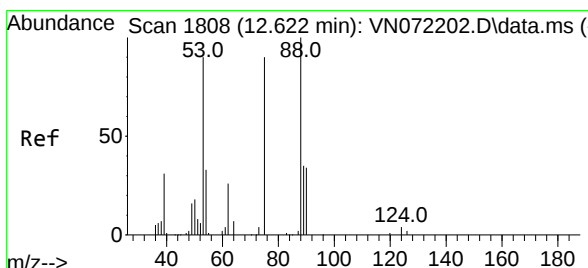
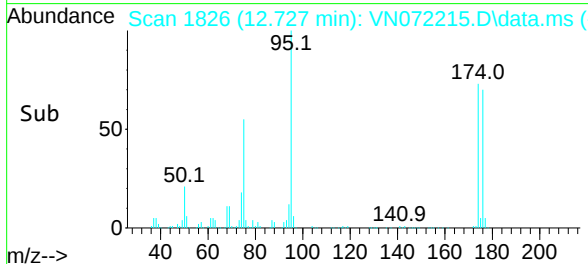
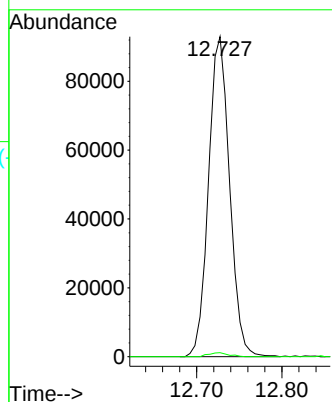
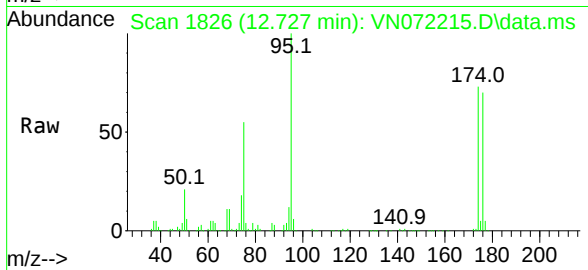




#76
 1,2,3-Trichloropropane
 Concen: 30.837 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072215.D
 Acq: 27 Apr 2022 14:53

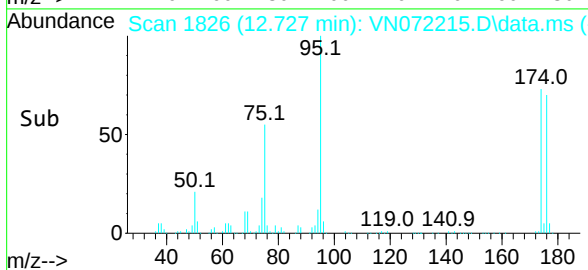
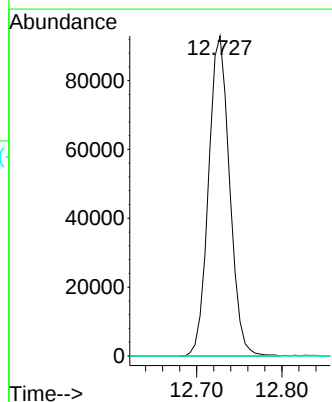
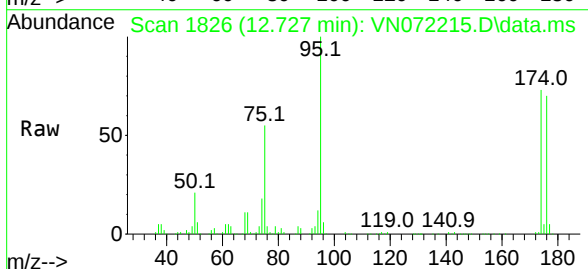
Instrument :
 MSVOA_N
 ClientSampleId :
 31799

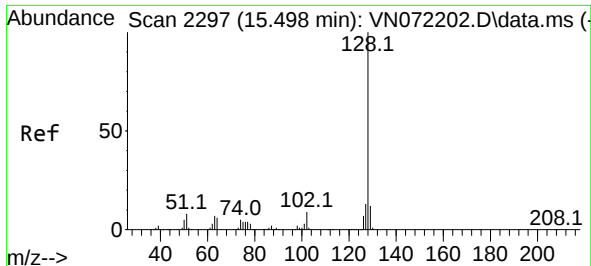
Tgt Ion: 75 Resp: 159443
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.103 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072215.D
 Acq: 27 Apr 2022 14:53

Tgt Ion: 75 Resp: 159443
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

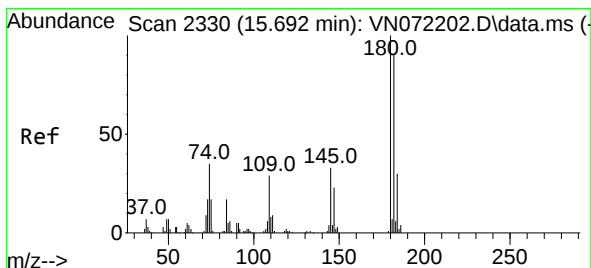
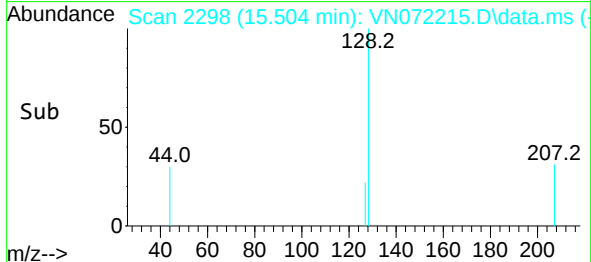
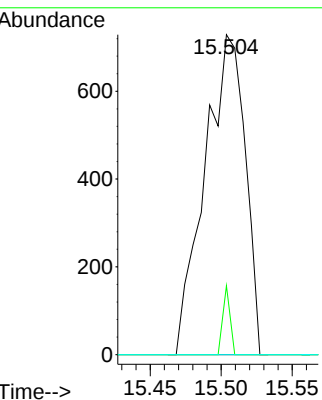
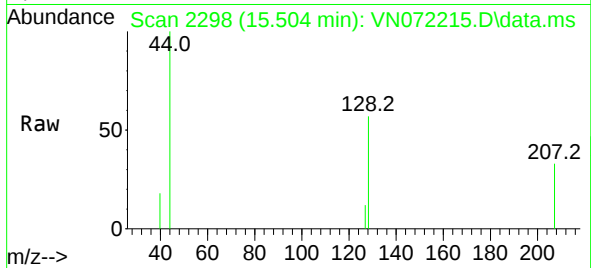




#95
Naphthalene
Concen: 4.410 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
31799

Tgt Ion:128 Resp: 1438
Ion Ratio Lower Upper
128 100
127 3.8 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.690 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072215.D
Acq: 27 Apr 2022 14:53

Tgt Ion:180 Resp: 61
Ion Ratio Lower Upper
180 100
182 204.9 47.8 143.3#
145 0.0 15.5 46.5#

