

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072229.D
 Acq On : 27 Apr 2022 20:30
 Operator : JC\MD
 Sample : N2575-09 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31797

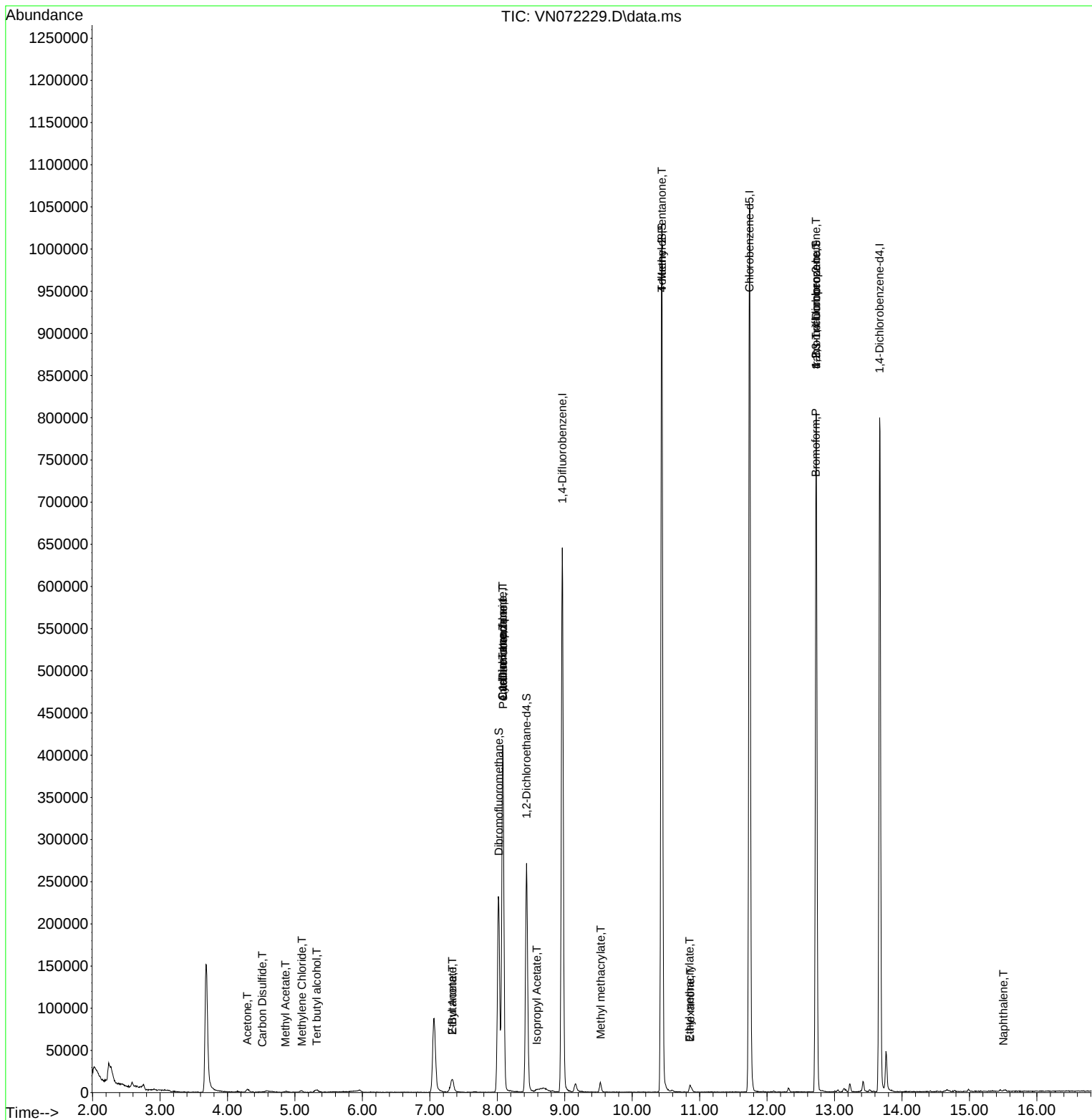
Quant Time: Apr 28 06:07:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

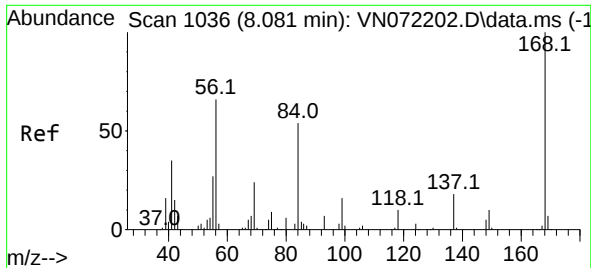
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	293763	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	538487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	583239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	214612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	229289	50.841	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.680%	
35) Dibromofluoromethane	8.022	113	168185	48.797	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.600%	
50) Toluene-d8	10.439	98	694555	51.285	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.727	95	272456	60.610	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 121.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	1578	Below Cal	#	43
5) Bromomethane	2.851	94	59	Below Cal	#	2
6) Chloroethane	3.099	64	825	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	3323	4.484	ug/l	# 72
16) Acetone	4.293	43	4884	2.512	ug/l	# 89
17) Carbon Disulfide	4.516	76	61	0.372	ug/l	# 75
18) Methyl Acetate	4.857	43	1341	0.207	ug/l	# 89
20) Methylene Chloride	5.104	84	1180	0.317	ug/l	# 64
25) 2-Butanone	7.334	43	24724	7.984	ug/l	# 94
31) Cyclohexane	8.081	56	6910	1.147	ug/l	# 28
36) 1,1-Dichloropropene	8.081	75	26622	5.307	ug/l	# 48
37) Ethyl Acetate	7.334	43	24724	3.711	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	32228	5.998	ug/l	# 17
43) Isopropyl Acetate	8.586	43	2650	1.050	ug/l	# 53
48) Methyl methacrylate	9.533	41	3876	0.881	ug/l	# 34
51) 4-Methyl-2-Pentanone	10.439	43	3812	0.606	ug/l	# 1
56) Ethyl methacrylate	10.851	69	195	2.392	ug/l	# 1
59) 2-Hexanone	10.863	43	1605	0.362	ug/l	# 26
71) Bromoform	12.721	173	661	0.200	ug/l	# 28
75) 1,1,2,2-Tetrachloroethane	12.733	83	111	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	148136	30.726	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	148136	79.811	ug/l	# 10
95) Naphthalene	15.504	128	293	4.324	ug/l	# 69

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

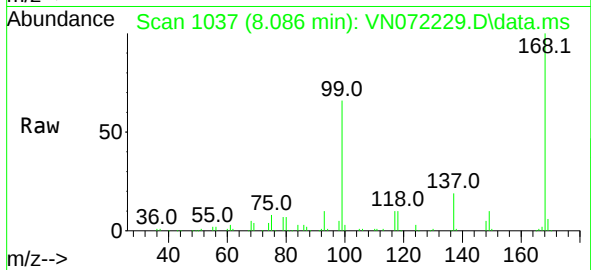
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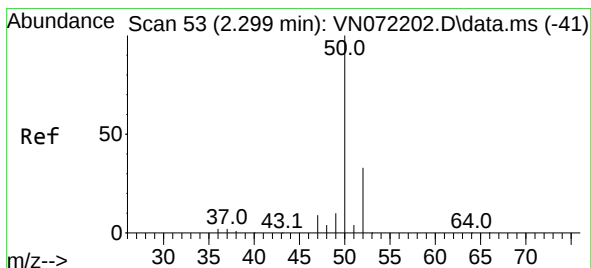
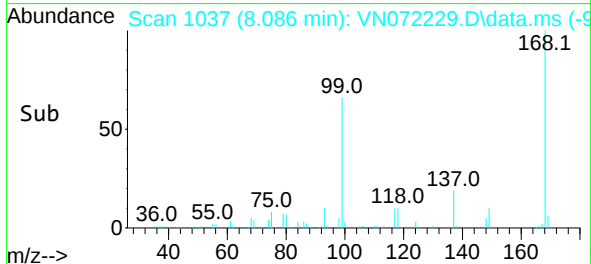
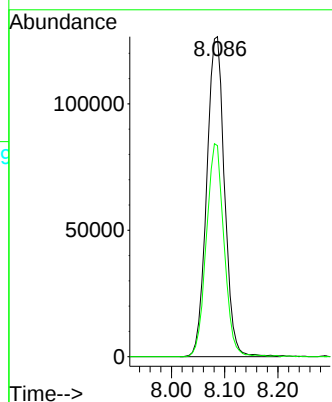


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
31797

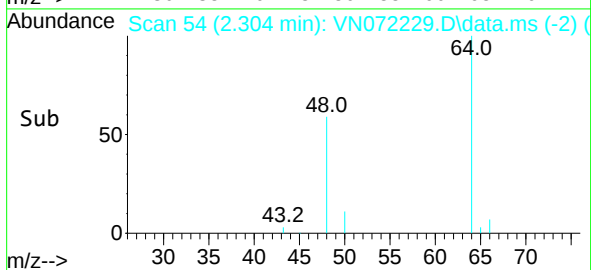
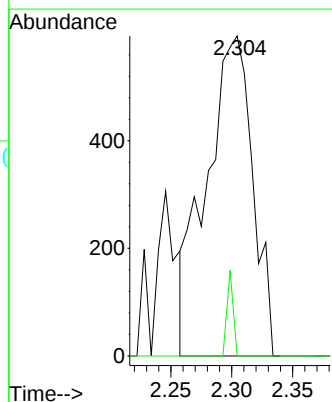
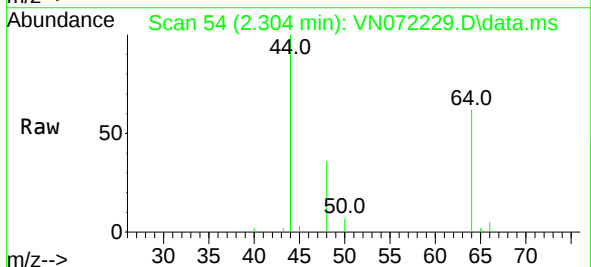


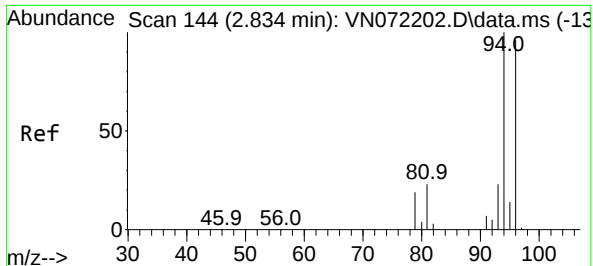
Tgt Ion:168 Resp: 293763
Ion Ratio Lower Upper
168 100
99 66.0 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 50 Resp: 1578
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.851 min Scan# 14

Delta R.T. 0.017 min

Lab File: VN072229.D

Acq: 27 Apr 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

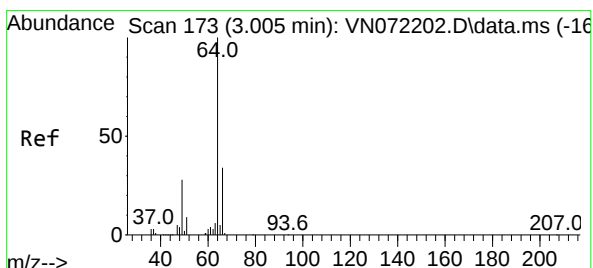
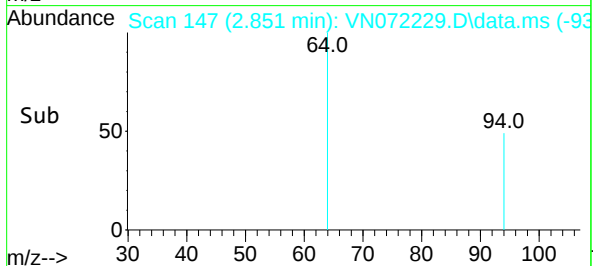
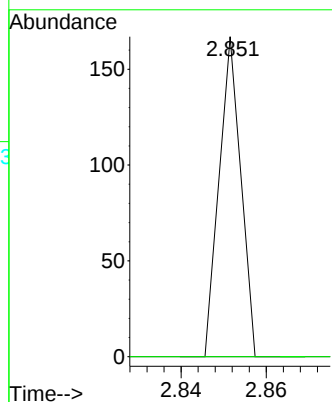
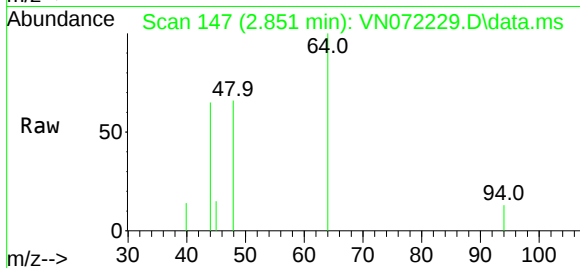
31797

Tgt Ion: 94 Resp: 59

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.099 min Scan# 189

Delta R.T. 0.094 min

Lab File: VN072229.D

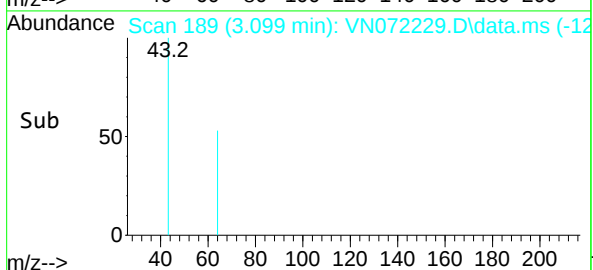
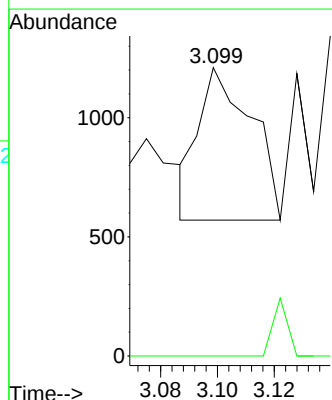
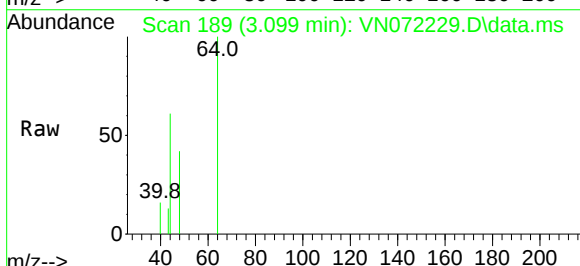
Acq: 27 Apr 2022 20:30

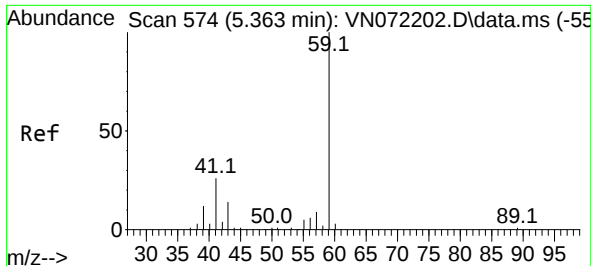
Tgt Ion: 64 Resp: 825

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

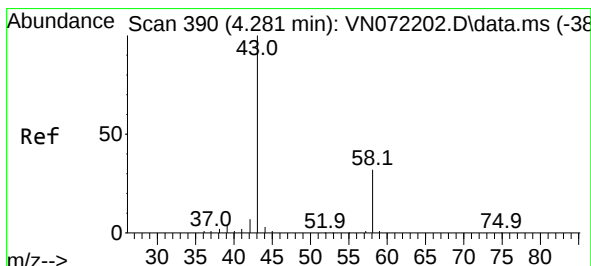
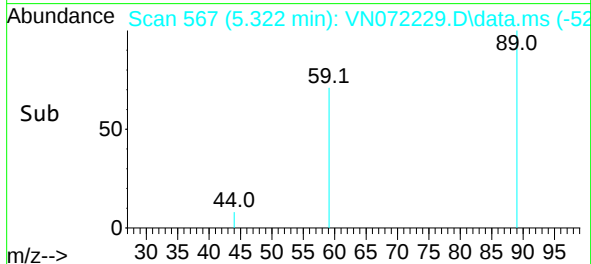
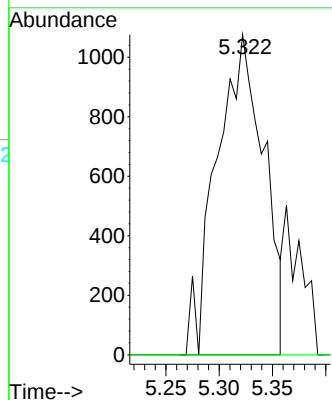
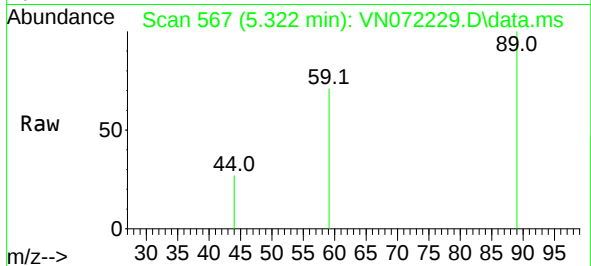




#11
Tert butyl alcohol
Concen: 4.484 ug/l
RT: 5.322 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

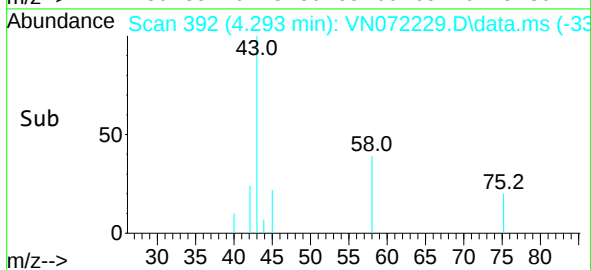
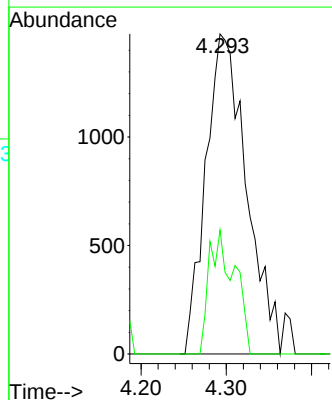
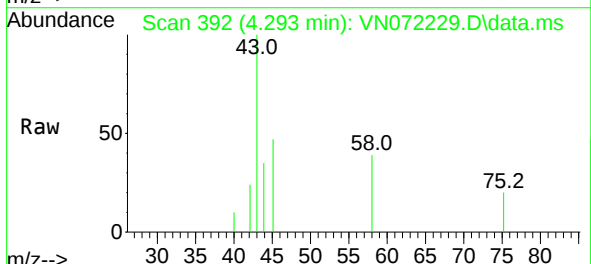
Instrument :
MSVOA_N
ClientSampleId :
31797

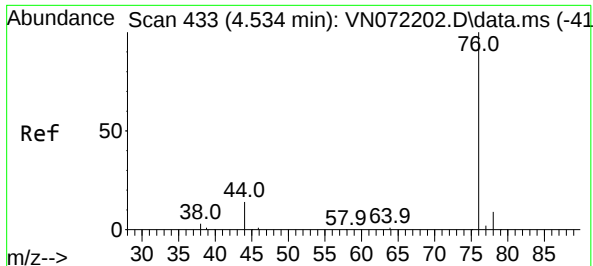
Tgt Ion: 59 Resp: 3323
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.512 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 38.7 26.0 39.0

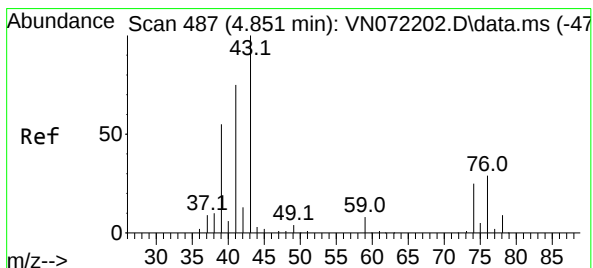
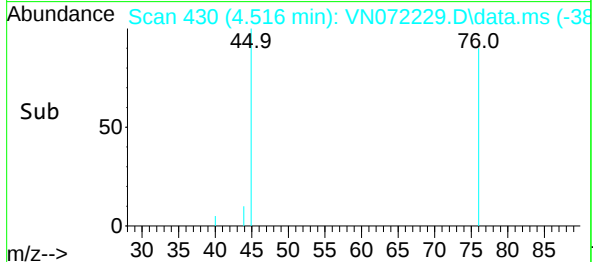
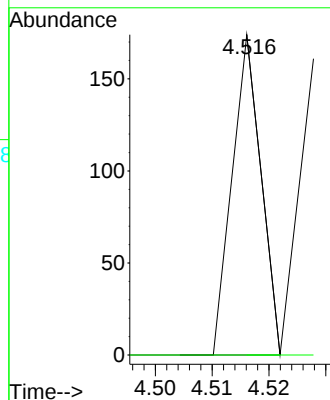
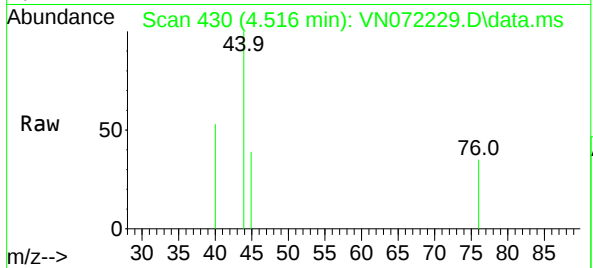




#17
Carbon Disulfide
Concen: 0.372 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

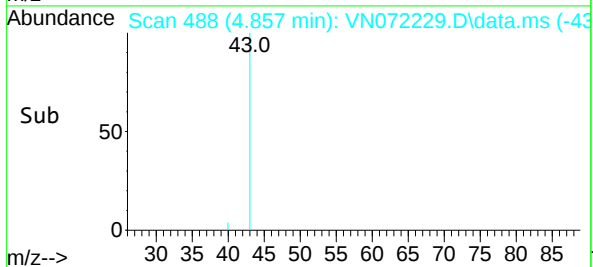
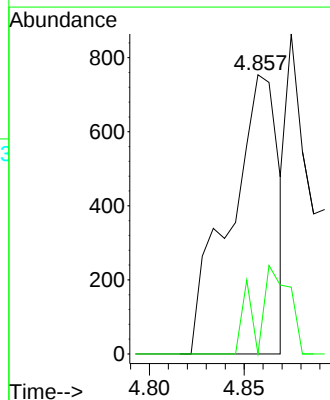
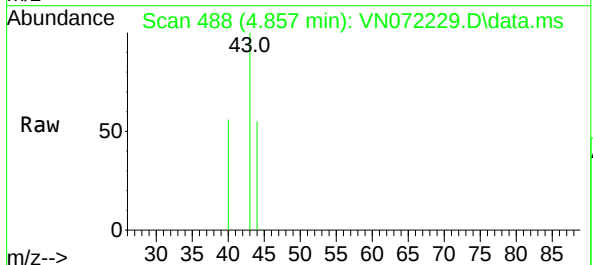
Instrument :
MSVOA_N
ClientSampleId :
31797

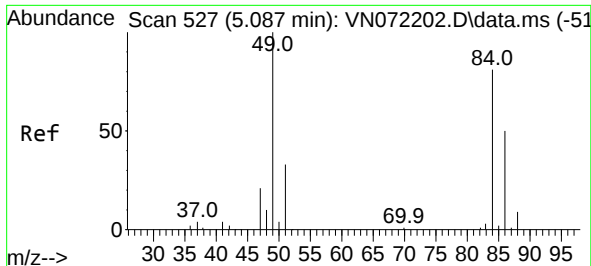
Tgt Ion: 76 Resp: 61
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#

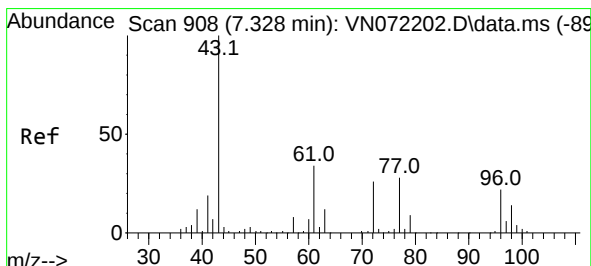
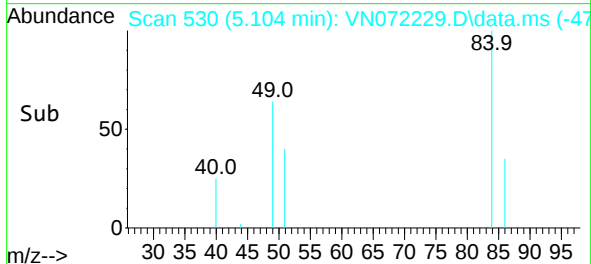
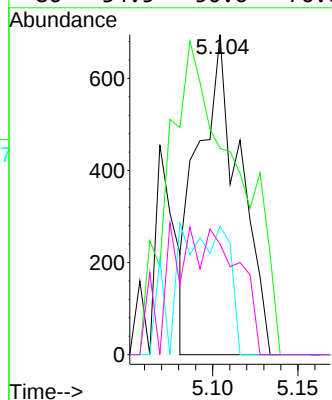
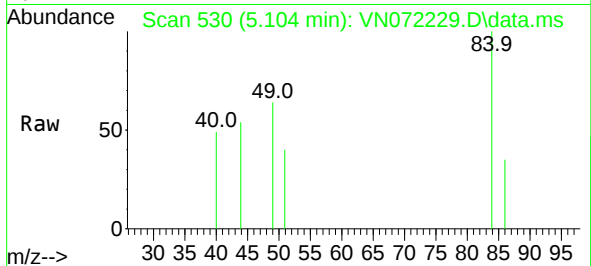




#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

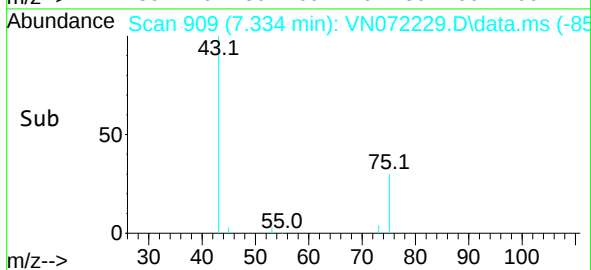
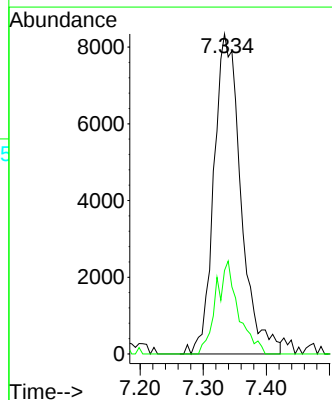
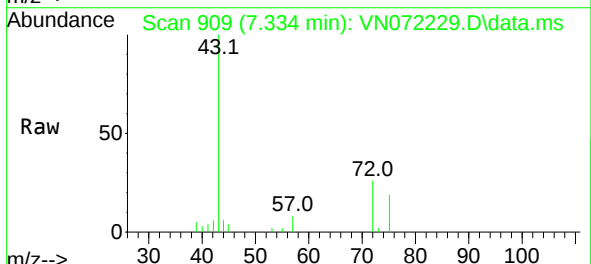
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MSVOA_N
ClientSampleId :
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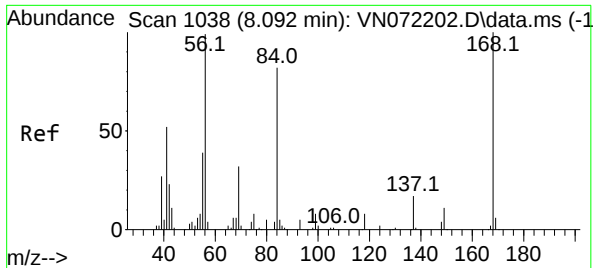
Tgt Ion: 84 Resp: 1180
Ion Ratio Lower Upper
84 100
49 64.5 88.3 132.5#
51 40.1 28.2 42.2
86 34.5 50.6 76.0#



#25
2-Butanone
Concen: 7.984 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

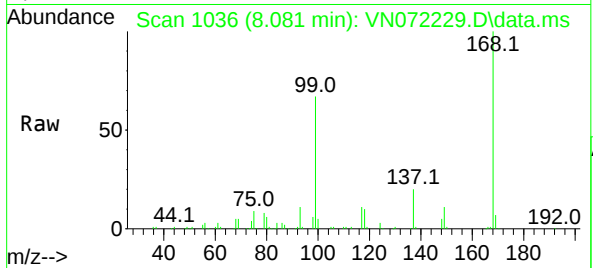
Tgt Ion: 43 Resp: 24724
Ion Ratio Lower Upper
43 100
72 26.1 23.7 35.5



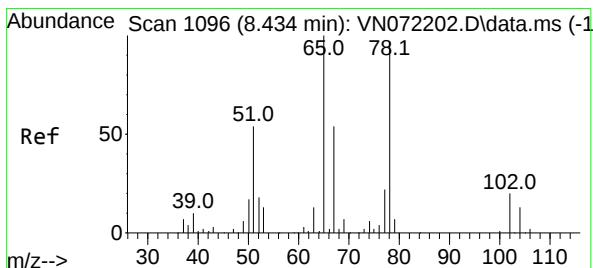
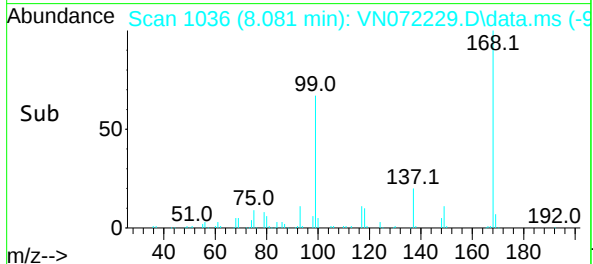
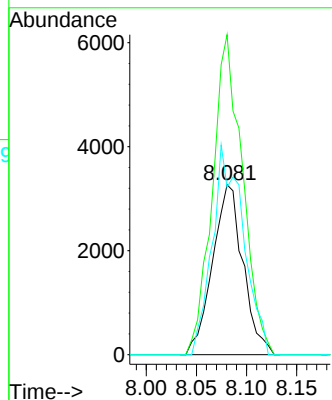


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
31797

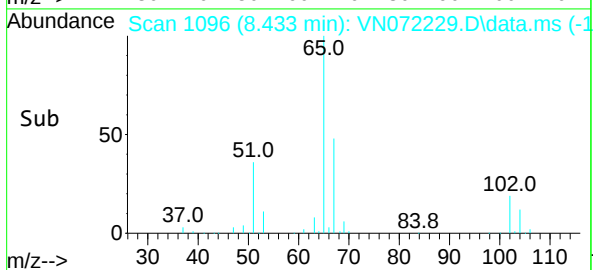
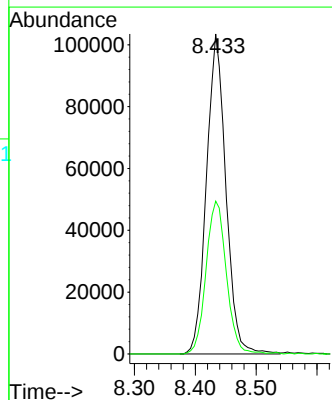
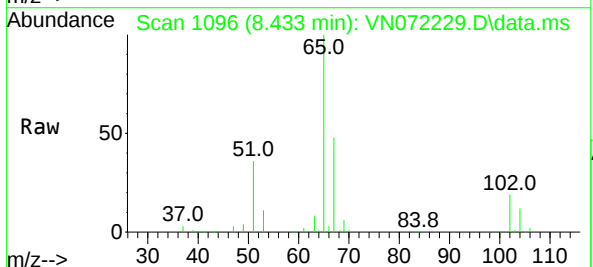


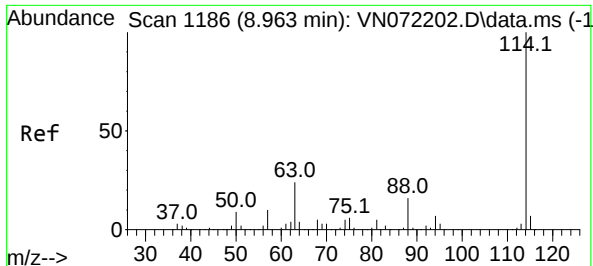
Tgt Ion: 56 Resp: 6910
Ion Ratio Lower Upper
56 100
69 188.3 27.8 41.8#
84 98.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.841 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 65 Resp: 229289
Ion Ratio Lower Upper
65 100
67 49.9 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: VN072229.D

Acq: 27 Apr 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

31797

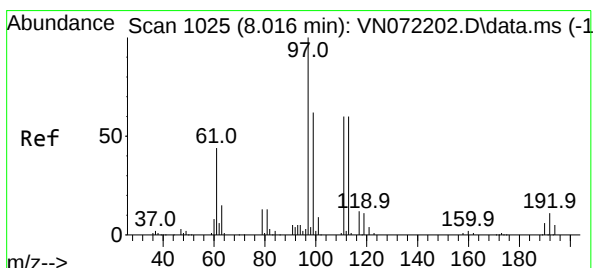
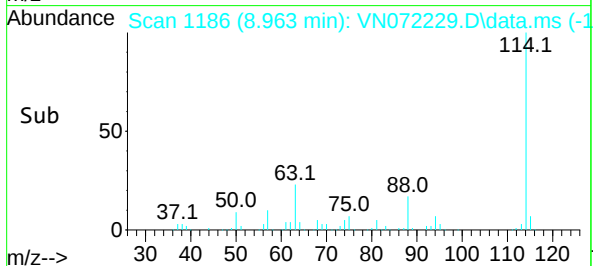
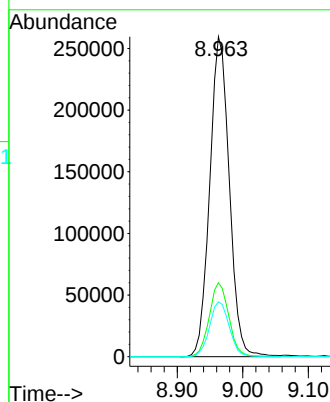
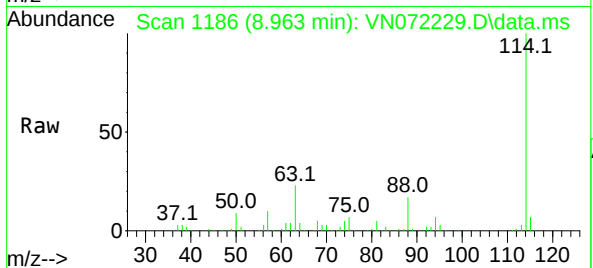
Tgt Ion:114 Resp: 538487

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.797 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072229.D

Acq: 27 Apr 2022 20:30

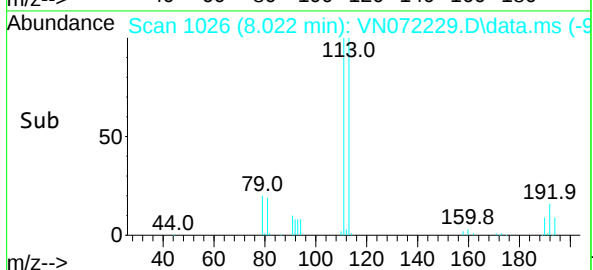
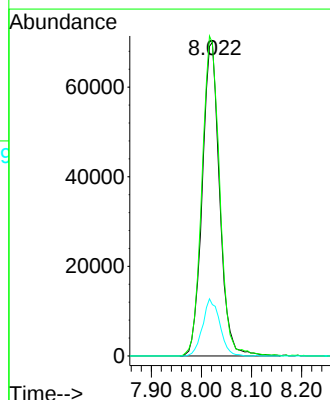
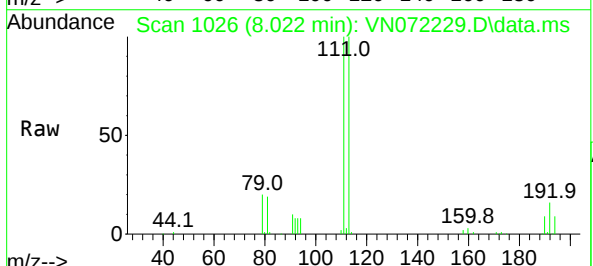
Tgt Ion:113 Resp: 168185

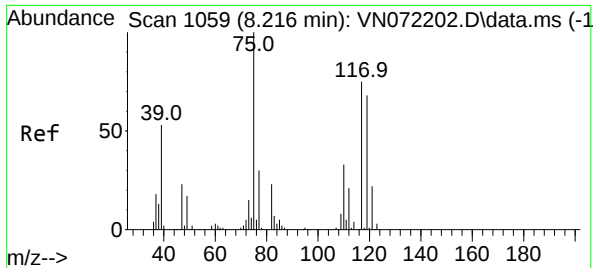
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 18.0 17.0 25.6

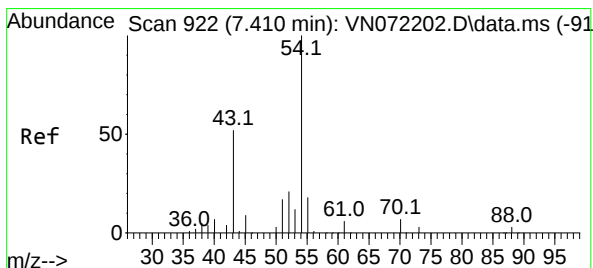
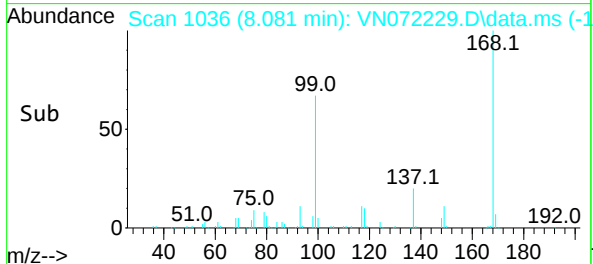
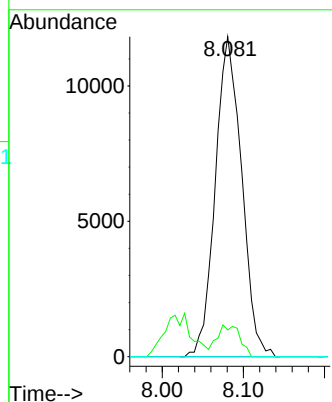
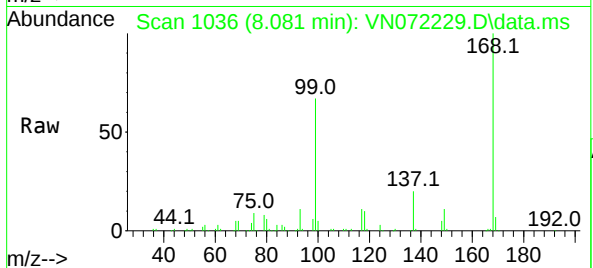




#36
1,1-Dichloropropene
Concen: 5.307 ug/l
RT: 8.081 min Scan# 1059
Delta R.T. -0.135 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

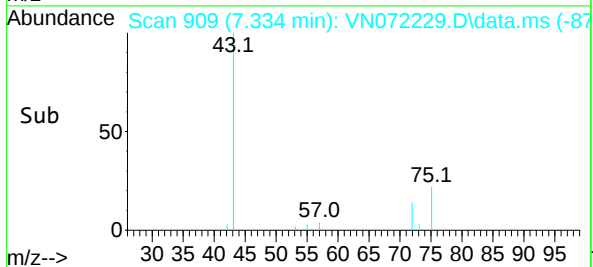
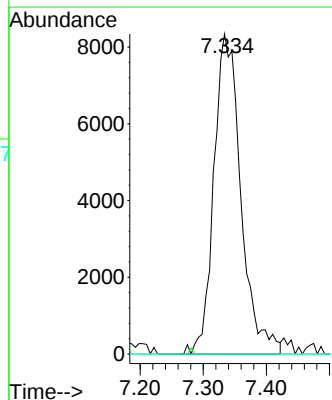
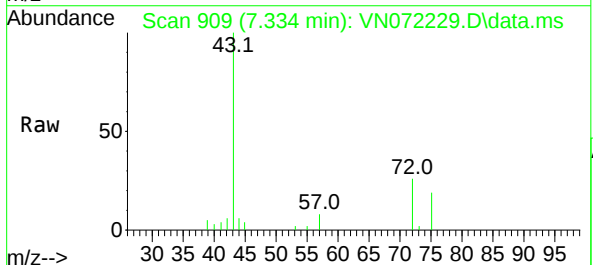
Instrument :
MSVOA_N
ClientSampleId :
31797

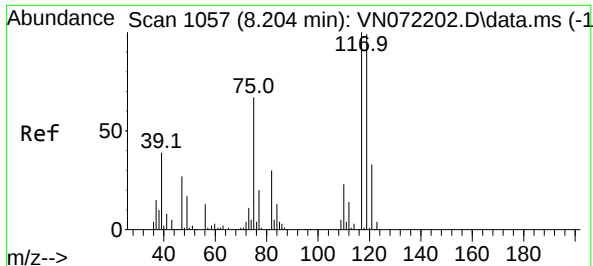
Tgt Ion: 75 Resp: 26622
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.711 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.076 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 43 Resp: 24724
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

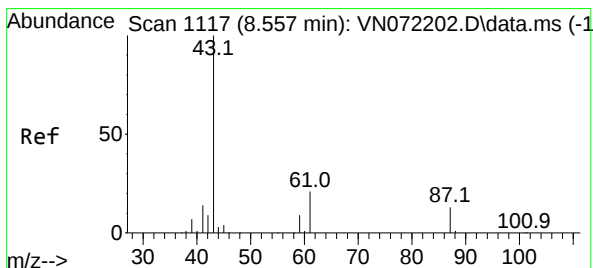
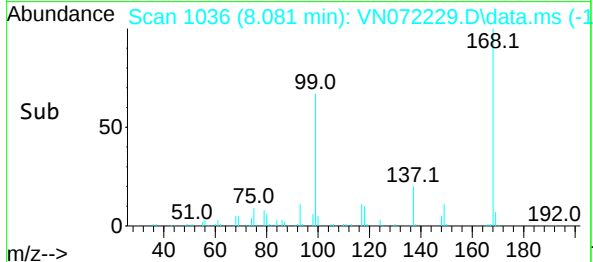
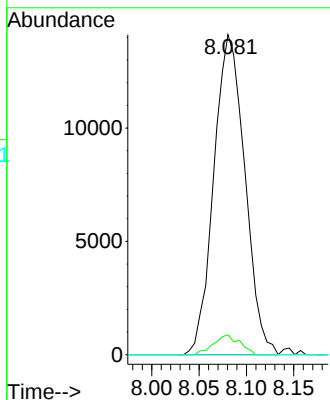
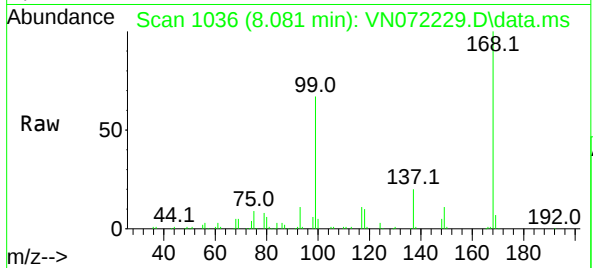




#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.123 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

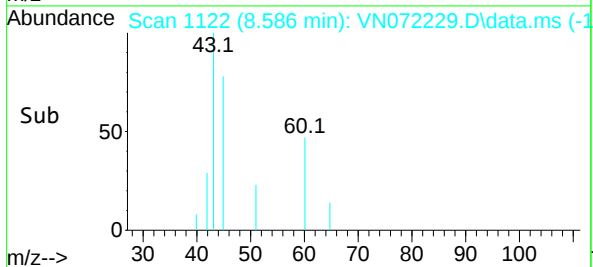
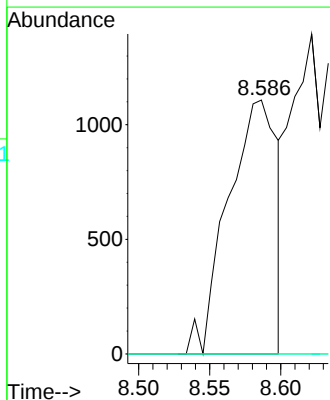
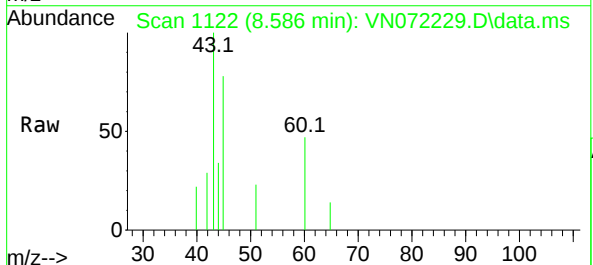
Instrument :
MSVOA_N
ClientSampleId :
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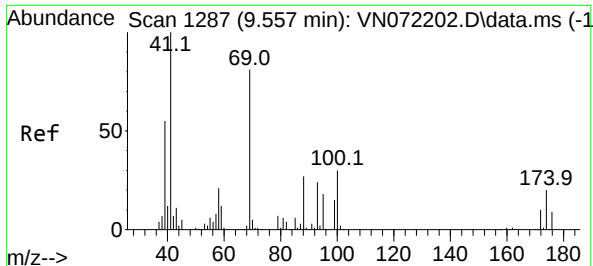
Tgt Ion:117 Resp: 32228
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.050 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.029 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

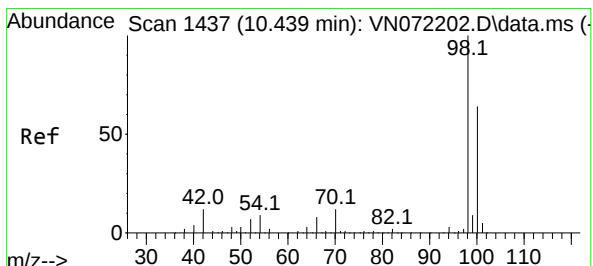
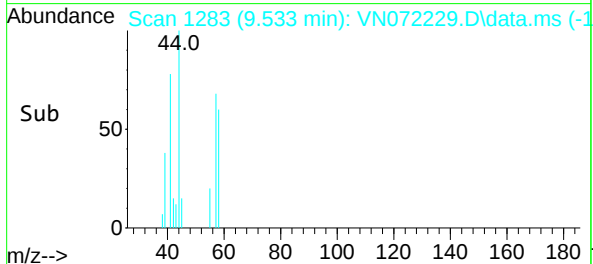
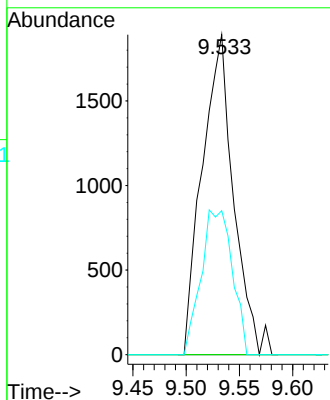
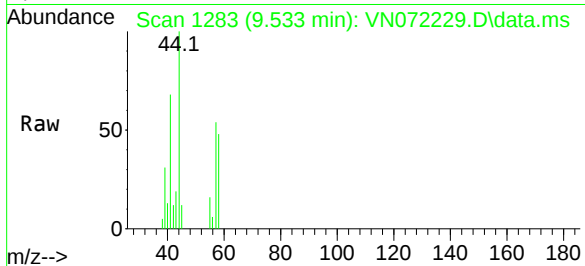




#48
Methyl methacrylate
Concen: 0.881 ug/l
RT: 9.533 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

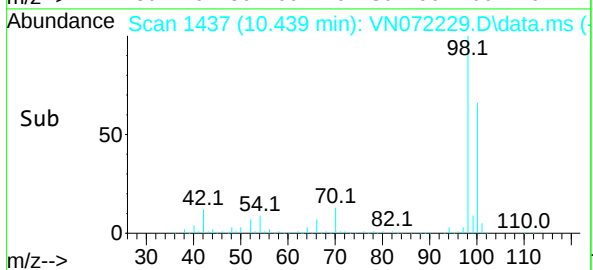
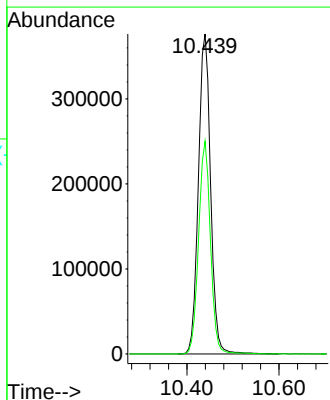
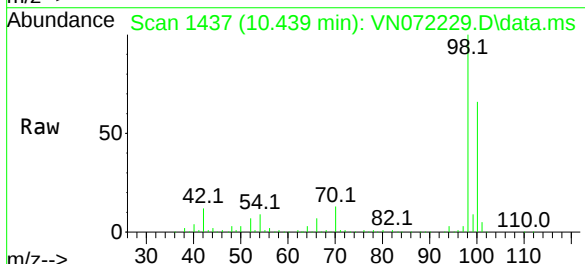
Instrument :
MSVOA_N
ClientSampleId :
31797

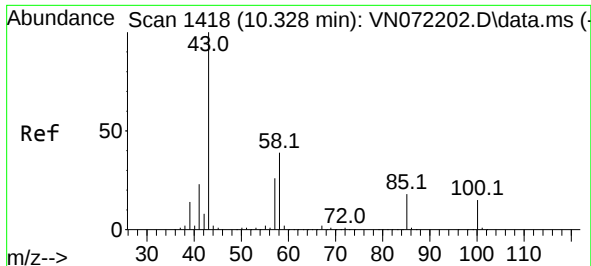
Tgt Ion: 41 Resp: 3876
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 45.0 45.6 68.4#



#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 98 Resp: 694555
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

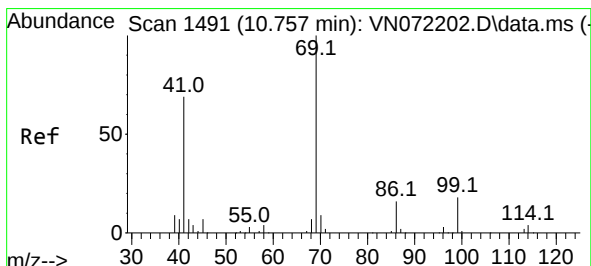
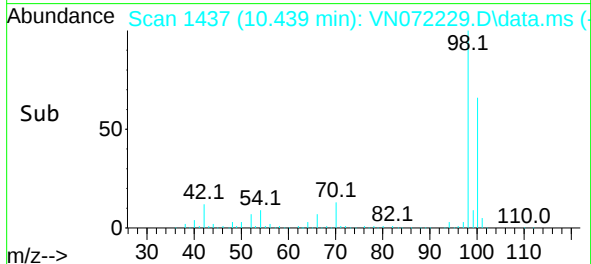
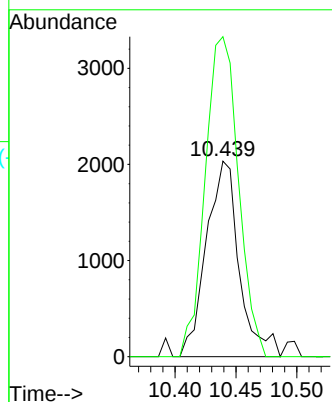
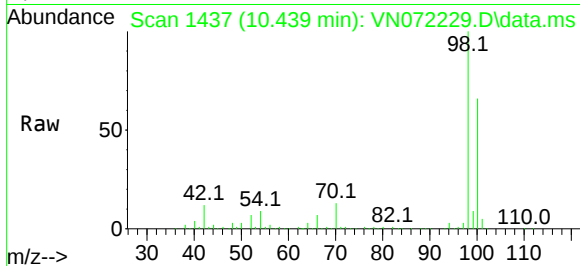




#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.111 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

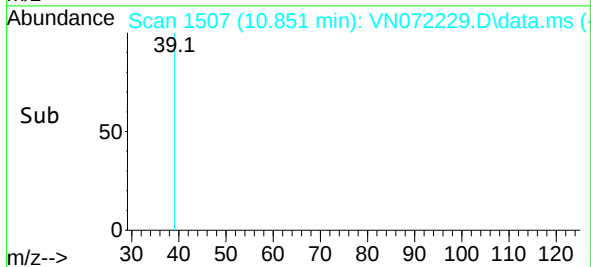
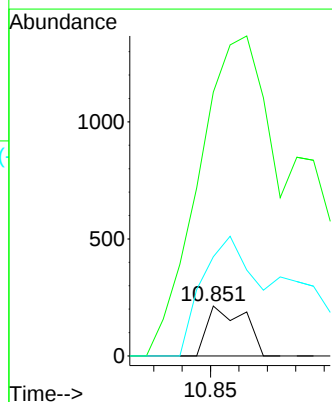
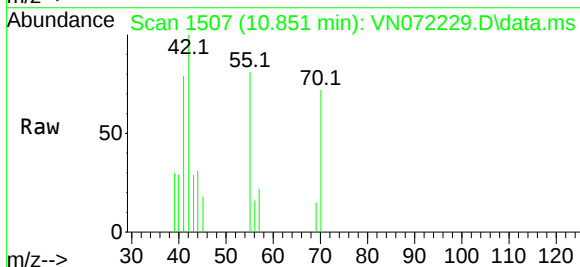
Instrument :
MSVOA_N
ClientSampleId :
31797

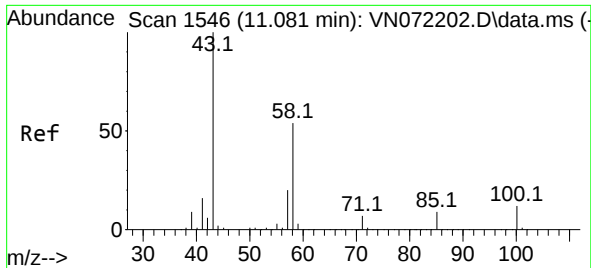
Tgt Ion: 43 Resp: 3812
Ion Ratio Lower Upper
43 100
58 166.0 34.1 51.1#



#56
Ethyl methacrylate
Concen: 2.392 ug/l
RT: 10.851 min Scan# 1507
Delta R.T. 0.094 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 69 Resp: 195
Ion Ratio Lower Upper
69 100
41 1769.2 47.8 71.6#
39 337.9 27.3 40.9#

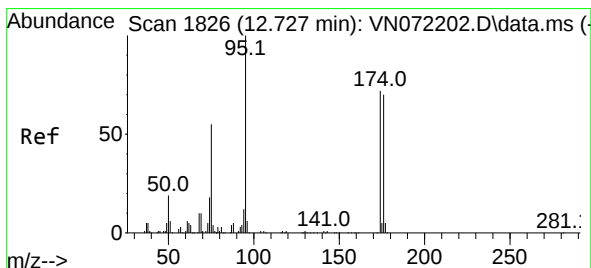
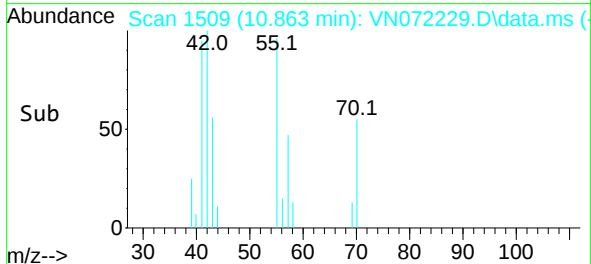
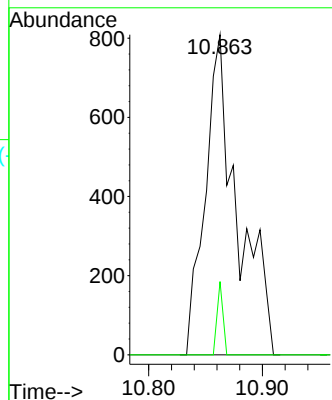
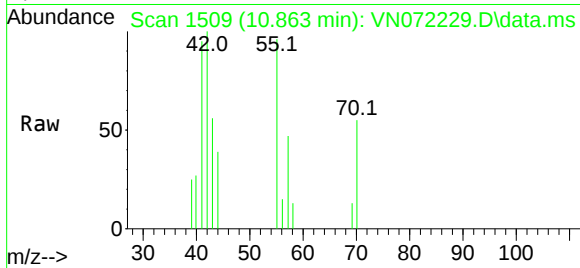




#59
2-Hexanone
Concen: 0.362 ug/l
RT: 10.863 min Scan# 11
Delta R.T. -0.218 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

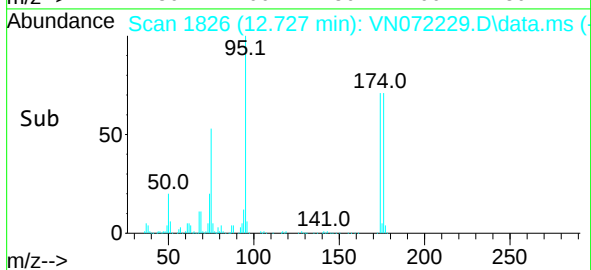
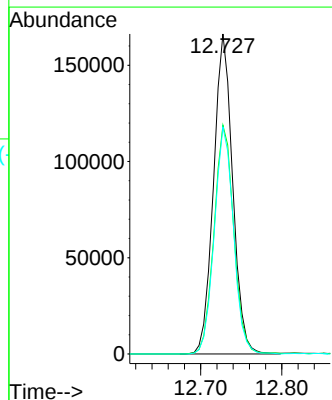
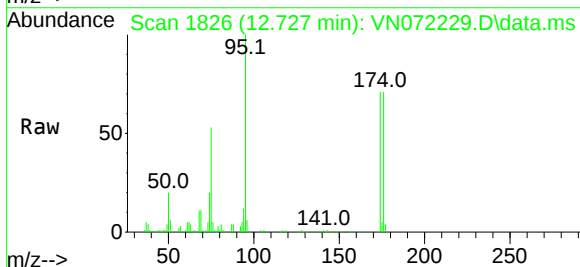
Instrument :
MSVOA_N
ClientSampleId :
31797

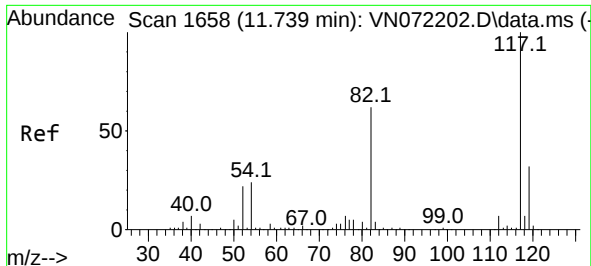
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 4.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 60.610 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 95 Resp: 272456
Ion Ratio Lower Upper
95 100
174 73.6 0.0 167.6
176 71.1 0.0 163.4

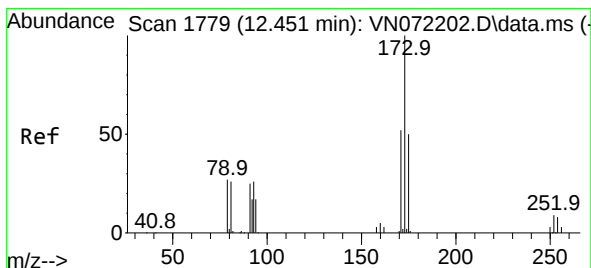
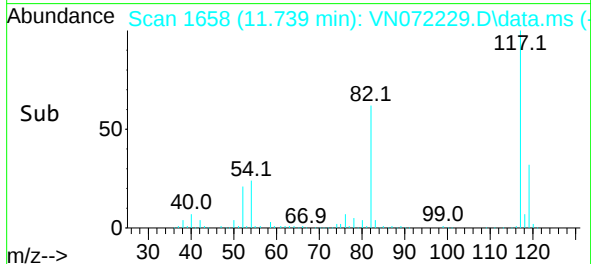
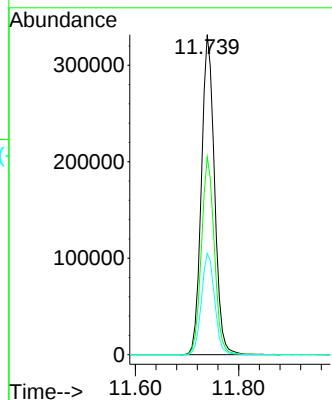
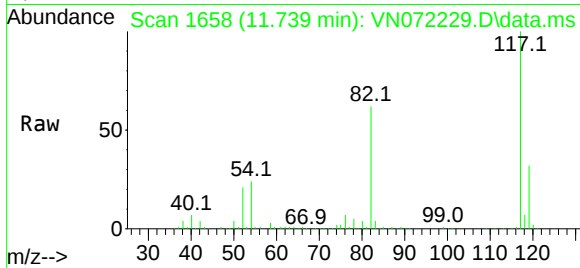




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

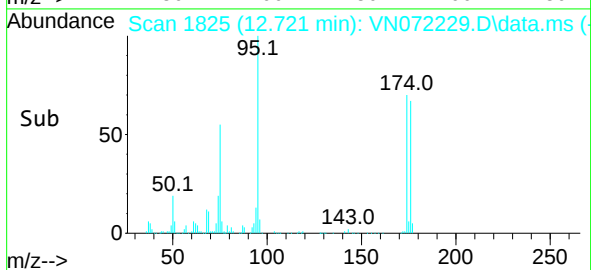
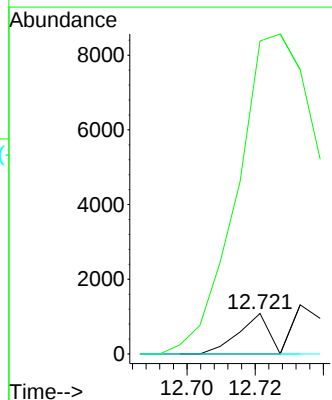
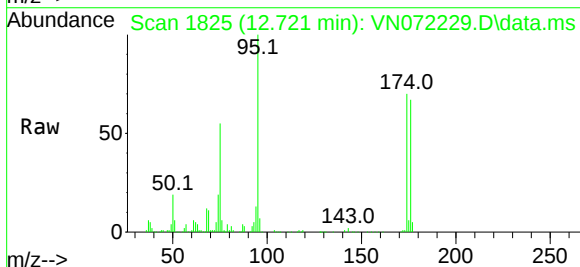
Instrument :
MSVOA_N
ClientSampleId :
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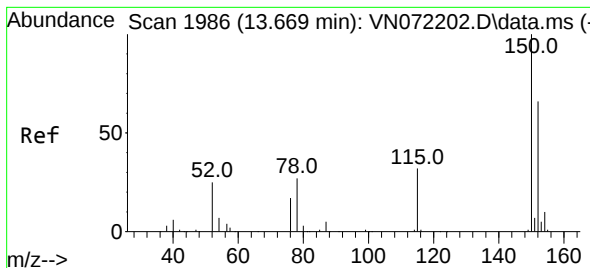
Tgt Ion:117 Resp: 583239
Ion Ratio Lower Upper
117 100
82 61.8 44.2 66.2
119 31.6 25.4 38.0



#71
Bromoform
Concen: 0.200 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion:173 Resp: 661
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

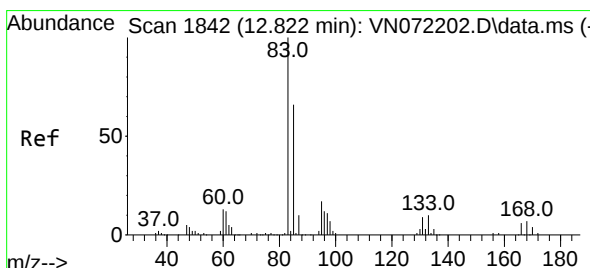
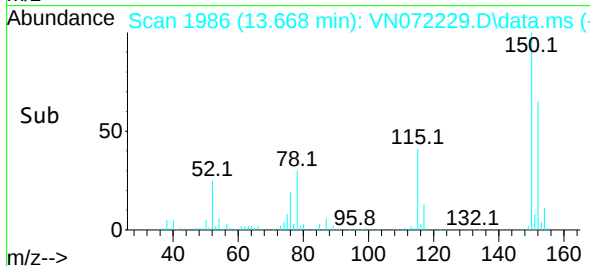
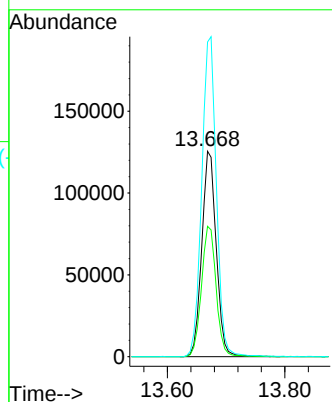
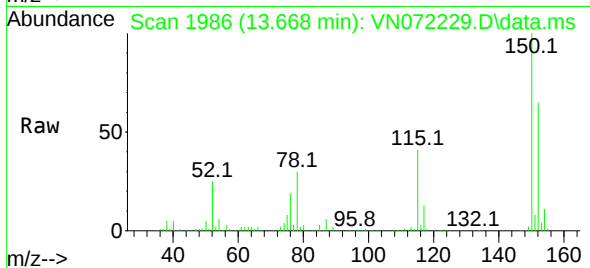




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072229.D
 Acq: 27 Apr 2022 20:30

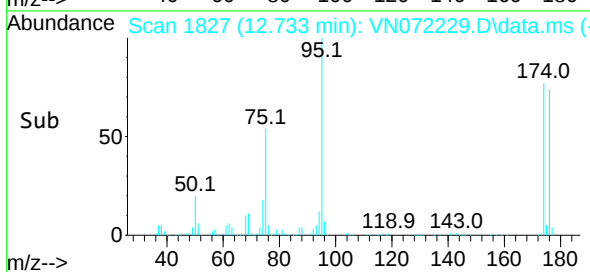
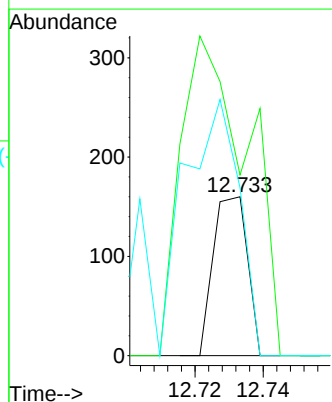
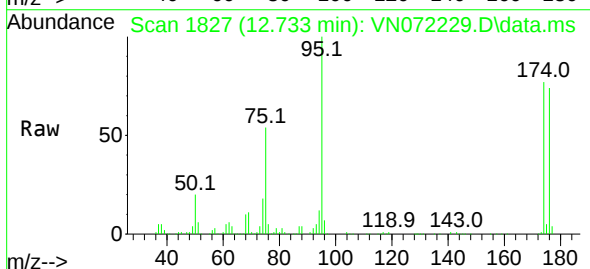
Instrument :
 MSVOA_N
 ClientSampleId :
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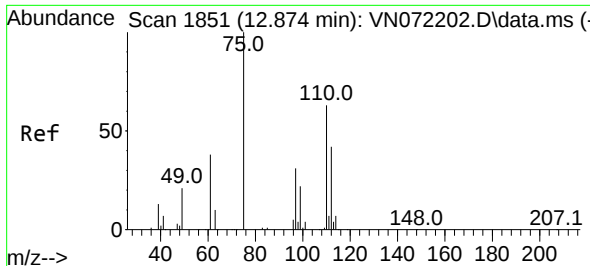
Tgt Ion:152 Resp: 214612
 Ion Ratio Lower Upper
 152 100
 115 64.5 28.9 86.7
 150 157.9 0.0 356.2



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.733 min Scan# 1827
 Delta R.T. -0.089 min
 Lab File: VN072229.D
 Acq: 27 Apr 2022 20:30

Tgt Ion: 83 Resp: 111
 Ion Ratio Lower Upper
 83 100
 131 394.6 5.3 15.9#
 85 307.2 32.3 96.9#

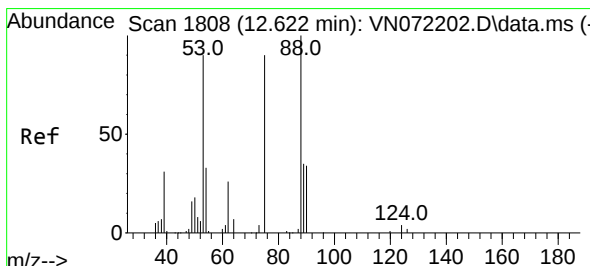
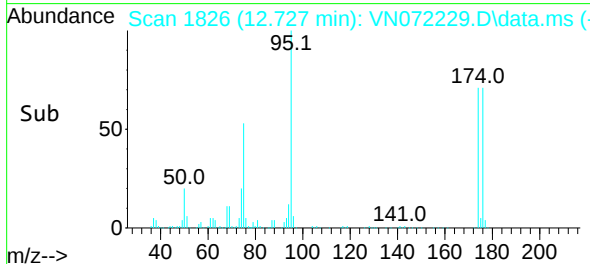
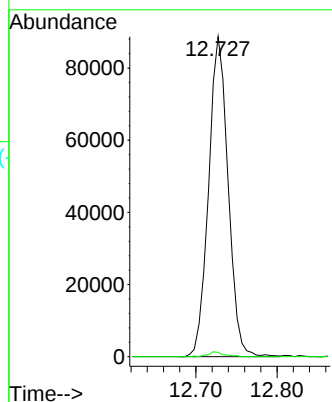
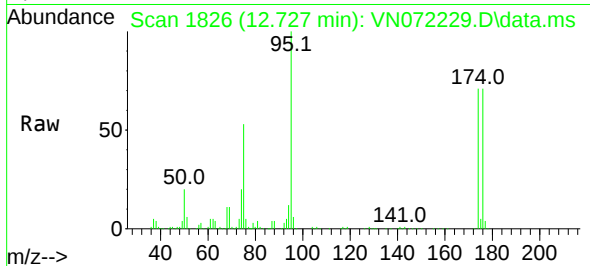




#76
1,2,3-Trichloropropane
Concen: 30.726 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

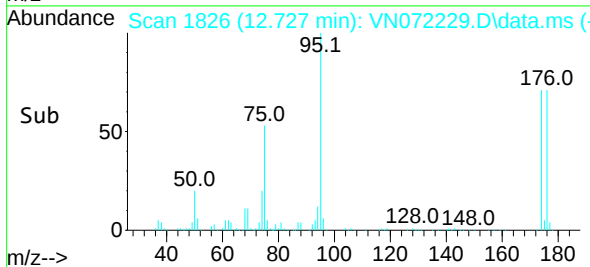
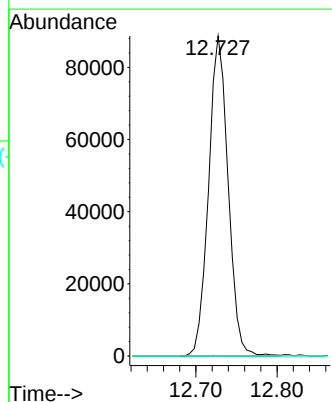
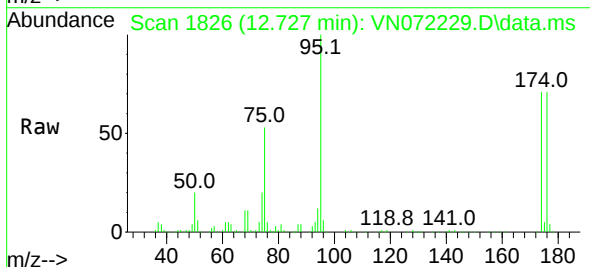
Instrument :
MSVOA_N
ClientSampleId :
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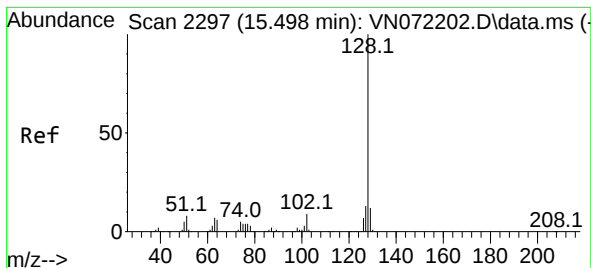
Tgt Ion: 75 Resp: 148136
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.811 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072229.D
Acq: 27 Apr 2022 20:30

Tgt Ion: 75 Resp: 148136
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 4.324 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072229.D

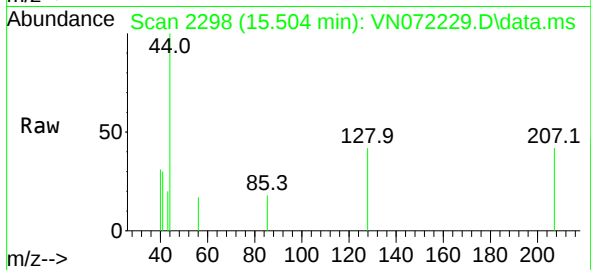
Acq: 27 Apr 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

31797



Tgt Ion:128 Resp: 293

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

