

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072227.D
 Acq On : 27 Apr 2022 19:41
 Operator : JC\MD
 Sample : N2575-07 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31795

Quant Time: Apr 28 06:06:45 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)

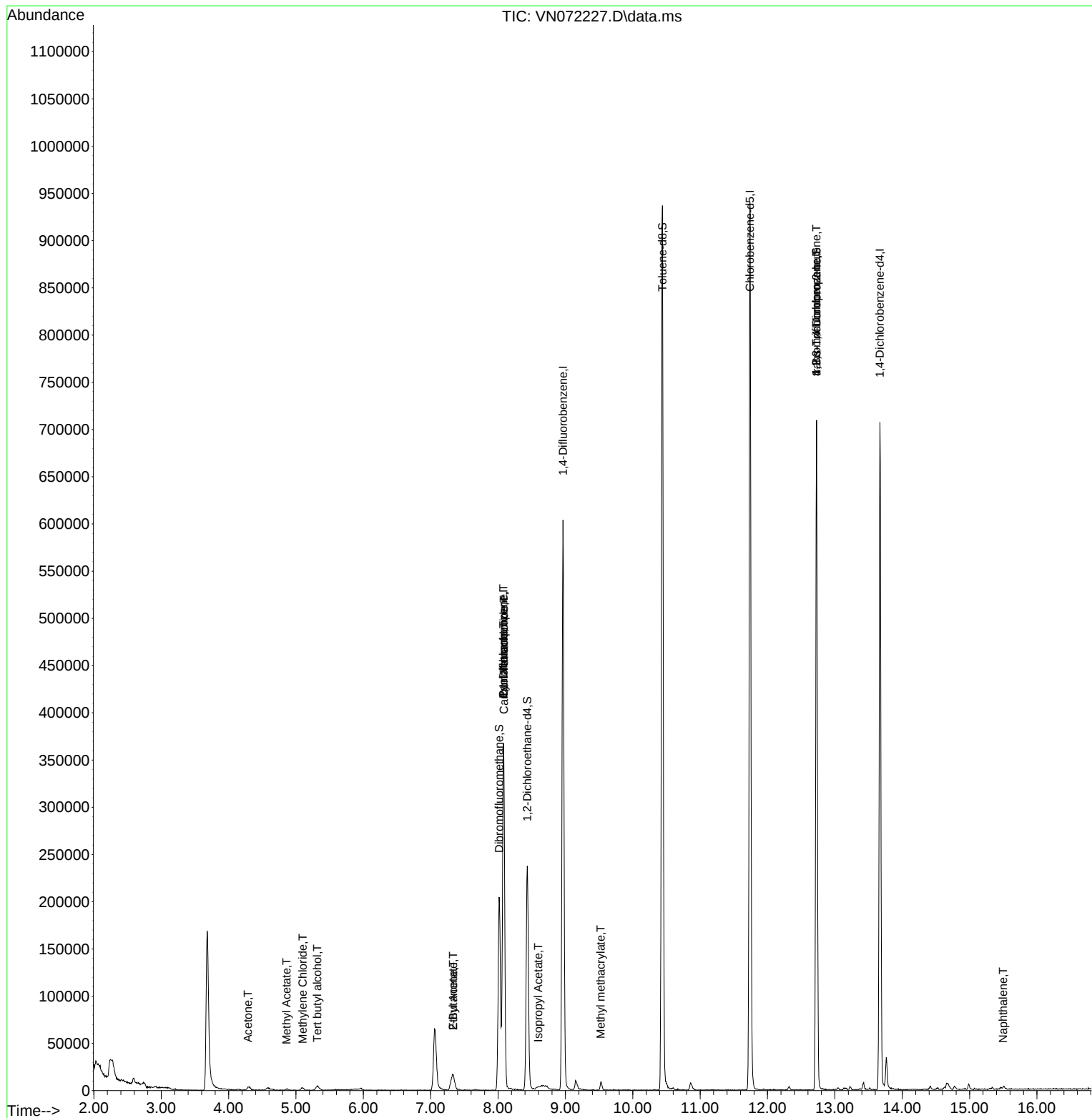
Internal Standards						
1) Pentafluorobenzene	8.081	168	263108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	498286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	527342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	182749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	204952	50.740	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.480%		
35) Dibromofluoromethane	8.016	113	151158	47.395	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 94.800%		
50) Toluene-d8	10.439	98	637680	50.884	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.760%		
62) 4-Bromofluorobenzene	12.727	95	241317	58.014	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 116.020%		
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	1345	Below Cal	#	87
5) Bromomethane	2.852	94	207	Below Cal	#	2
6) Chloroethane	2.910	64	1106	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	2956	4.453	ug/l #	72
16) Acetone	4.287	43	5134	2.948	ug/l	90
18) Methyl Acetate	4.857	43	2770	0.530	ug/l #	69
20) Methylene Chloride	5.098	84	2080	0.623	ug/l #	81
25) 2-Butanone	7.334	43	26265	9.470	ug/l	90
31) Cyclohexane	8.081	56	6147	1.139	ug/l #	3
36) 1,1-Dichloropropene	8.081	75	24080	5.187	ug/l #	50
37) Ethyl Acetate	7.334	43	26265	4.260	ug/l #	67
38) Carbon Tetrachloride	8.087	117	29332	5.899	ug/l #	17
43) Isopropyl Acetate	8.598	43	3024	1.109	ug/l #	53
48) Methyl methacrylate	9.522	41	2616	0.642	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	12.739	83	65	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	132536	32.255	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	132536	83.856	ug/l #	11
95) Naphthalene	15.498	128	840	4.381	ug/l #	69

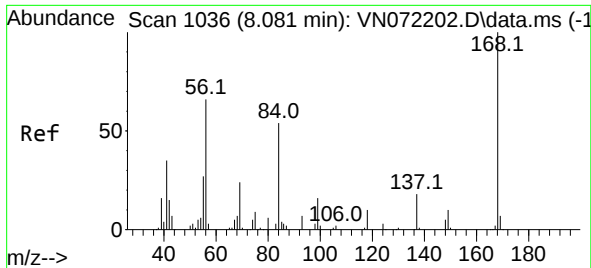
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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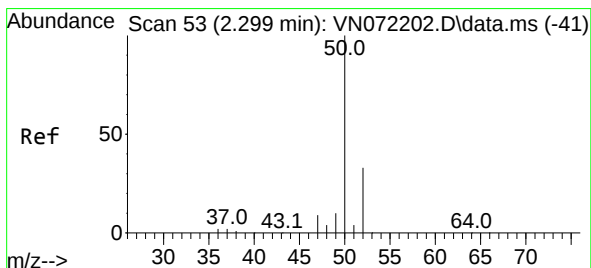
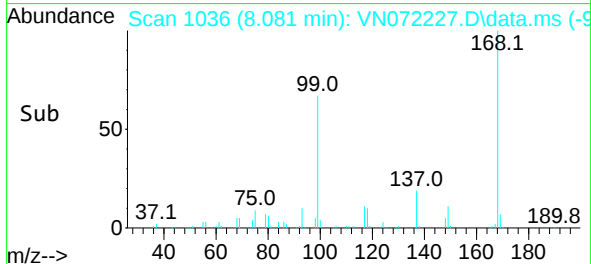
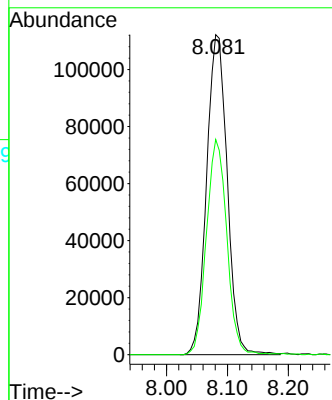
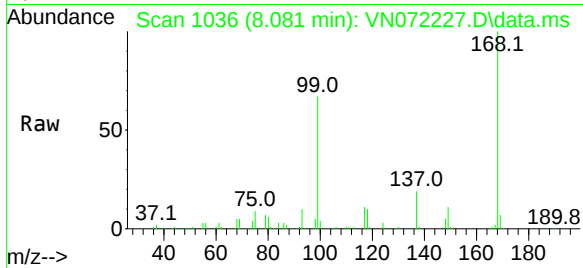




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

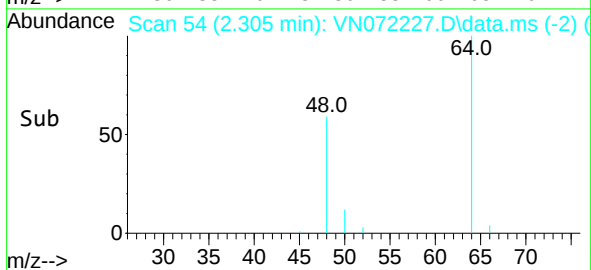
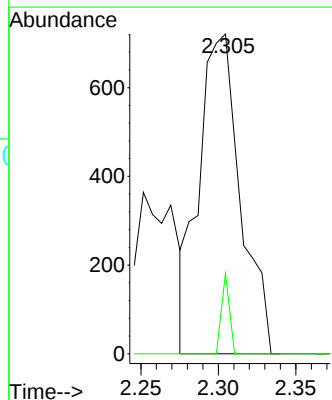
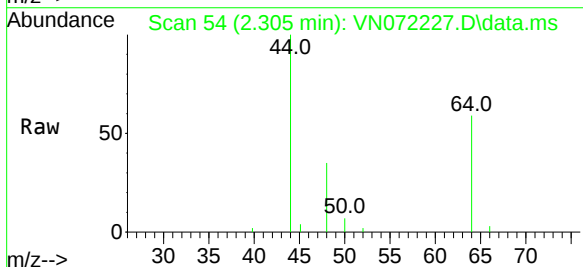
Instrument :
MSVOA_N
ClientSampleId :
31795

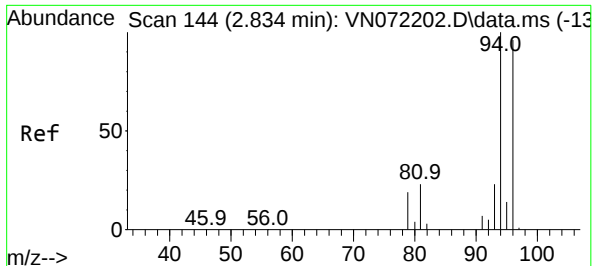
Tgt Ion:168 Resp: 263108
Ion Ratio Lower Upper
168 100
99 67.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 50 Resp: 1345
Ion Ratio Lower Upper
50 100
52 25.1 25.7 38.5#

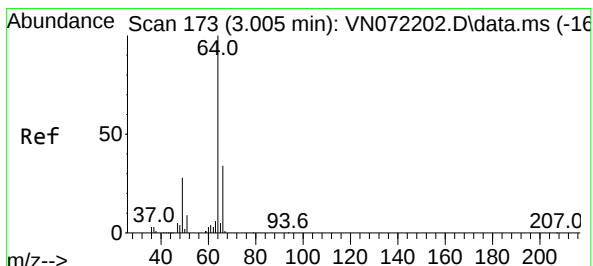
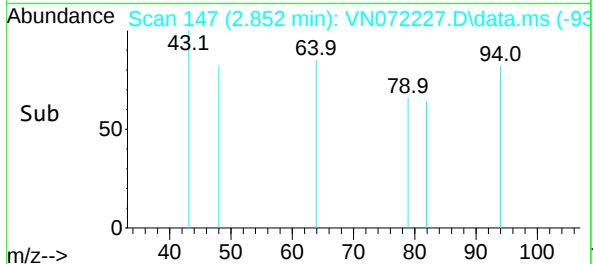
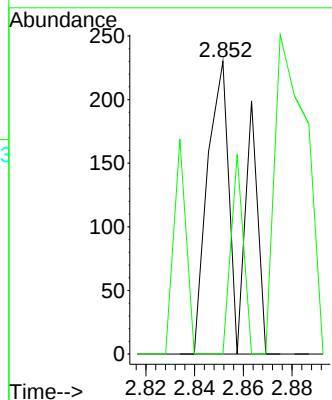
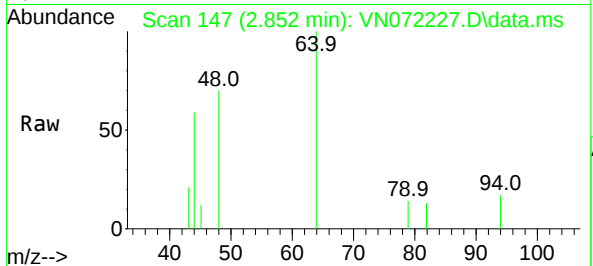




#5
Bromomethane
Concen: Below Cal
RT: 2.852 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

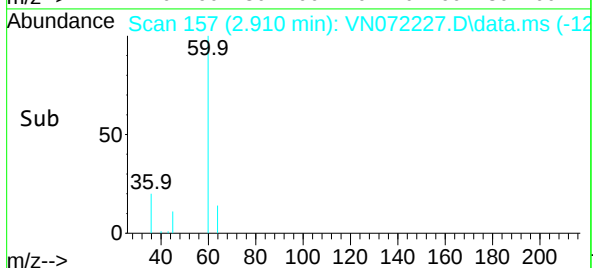
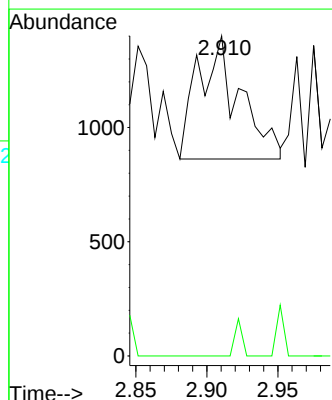
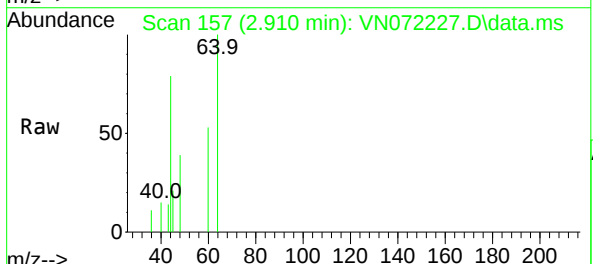
Instrument :
MSVOA_N
ClientSampleId :
31795

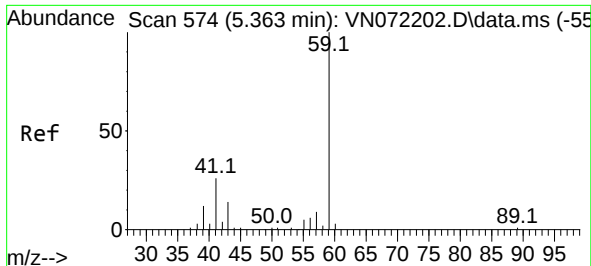
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.910 min Scan# 157
Delta R.T. -0.095 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 64 Resp: 1106
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

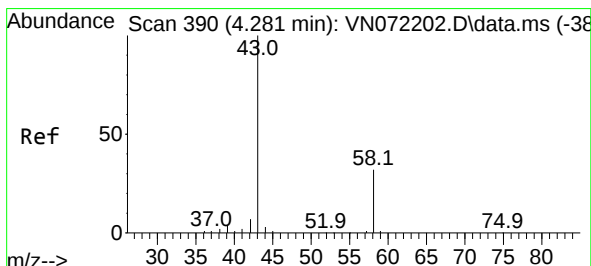
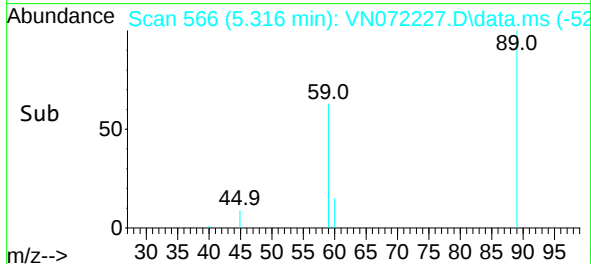
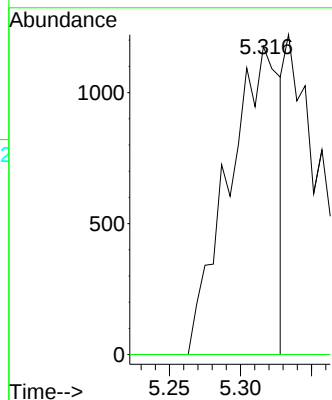
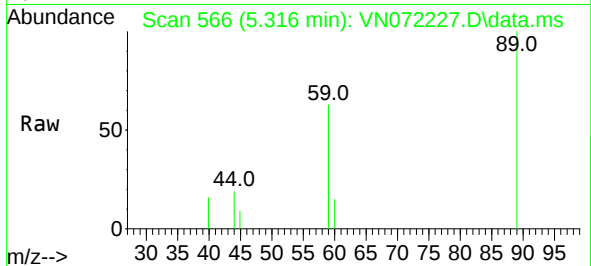




#11
Tert butyl alcohol
Concen: 4.453 ug/l
RT: 5.316 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

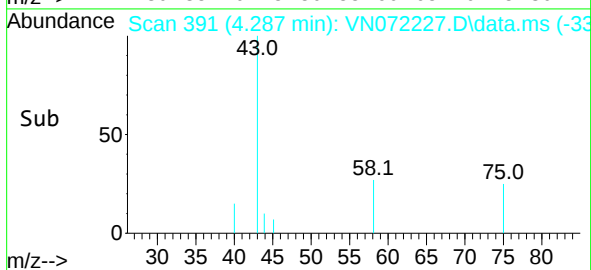
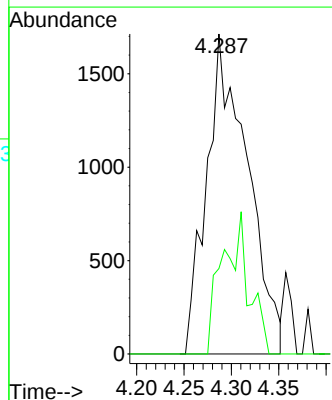
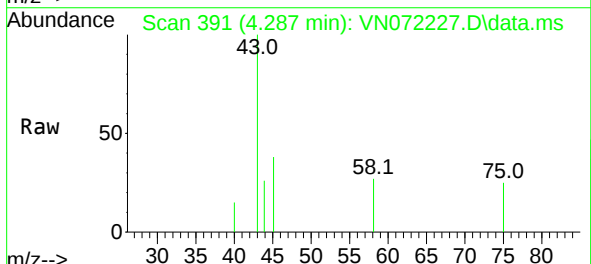
Instrument :
MSVOA_N
ClientSampleId :
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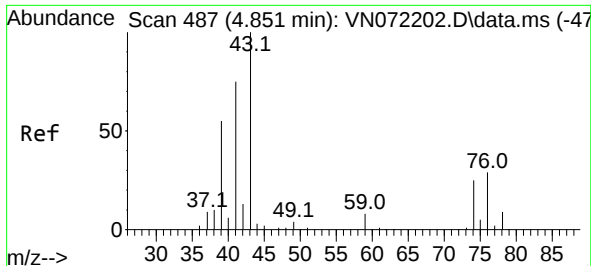
Tgt Ion: 59 Resp: 2956
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.948 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 43 Resp: 5134
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0

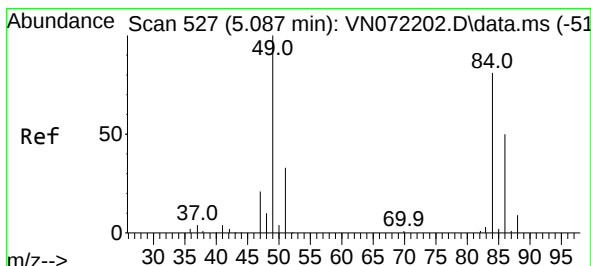
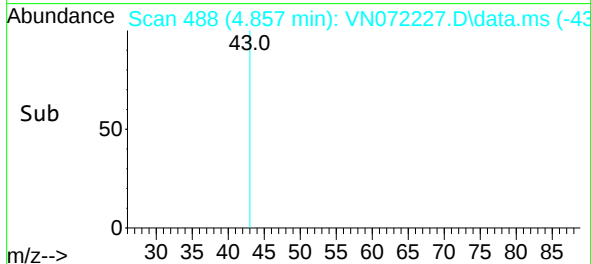
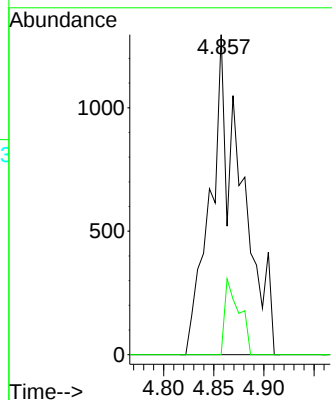
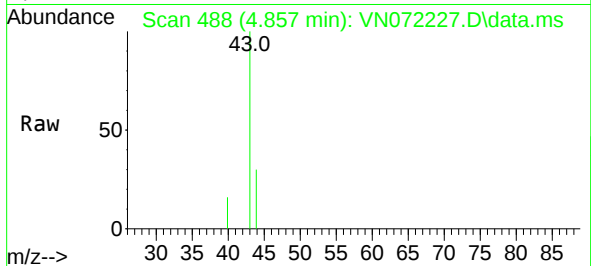




#18
Methyl Acetate
Concen: 0.530 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

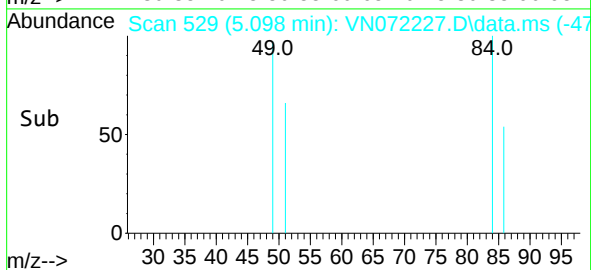
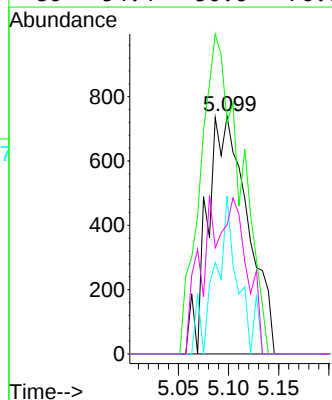
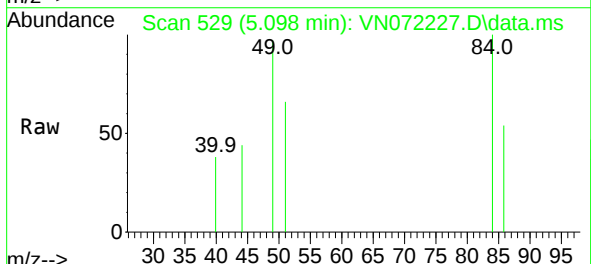
Instrument :
MSVOA_N
ClientSampleId :
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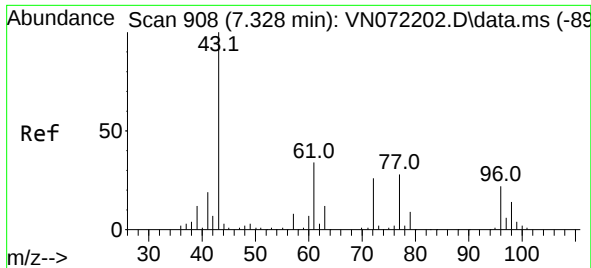
Tgt Ion: 43 Resp: 2770
Ion Ratio Lower Upper
43 100
74 11.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.623 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 84 Resp: 2080
Ion Ratio Lower Upper
84 100
49 97.4 88.3 132.5
51 66.4 28.2 42.2#
86 54.4 50.6 76.0

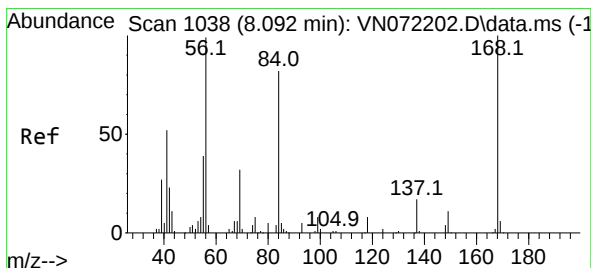
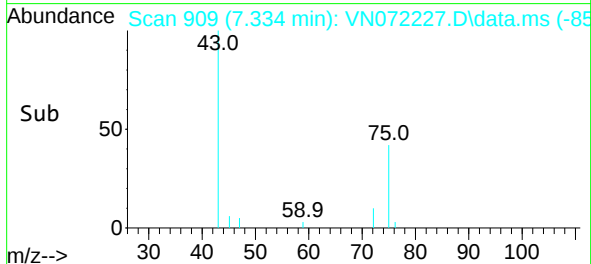
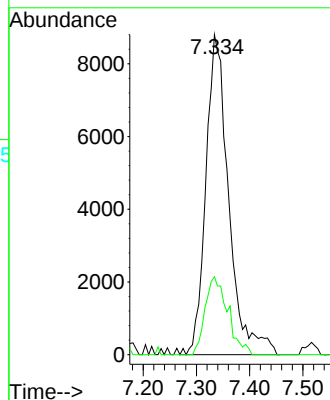
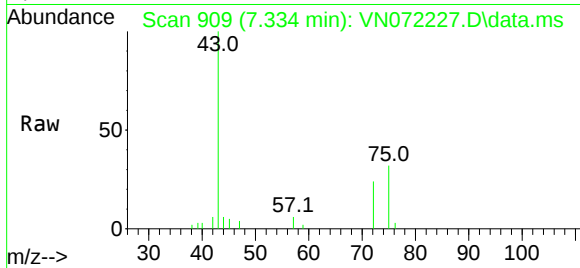




#25
2-Butanone
Concen: 9.470 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

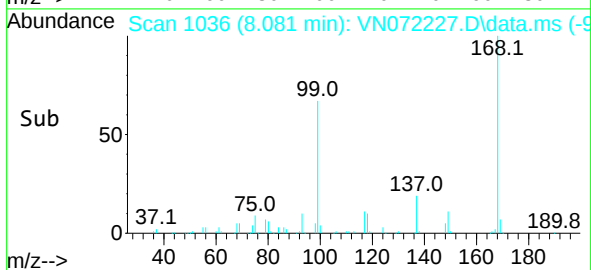
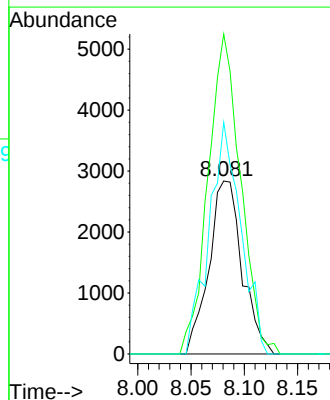
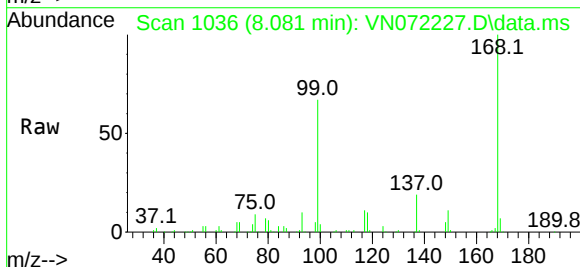
Instrument :
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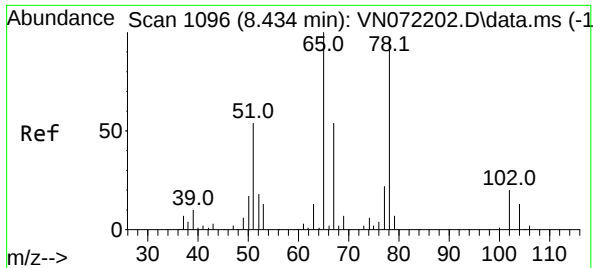
Tgt Ion: 43 Resp: 26265
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 56 Resp: 6147
Ion Ratio Lower Upper
56 100
69 185.1 27.8 41.8#
84 134.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.740 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072227.D

Acq: 27 Apr 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

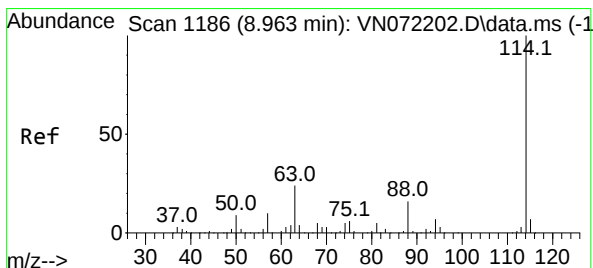
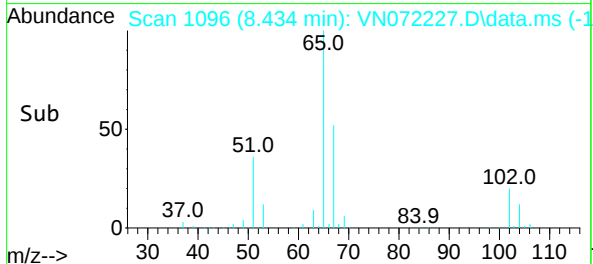
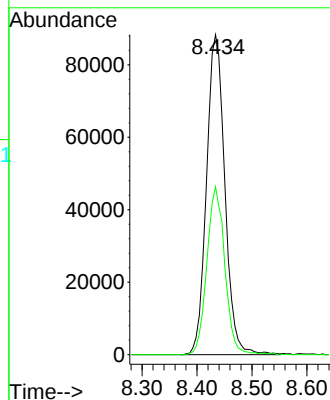
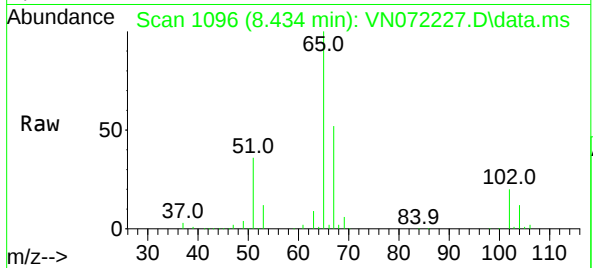
31795

Tgt Ion: 65 Resp: 204952

Ion Ratio Lower Upper

65 100

67 51.5 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: VN072227.D

Acq: 27 Apr 2022 19:41

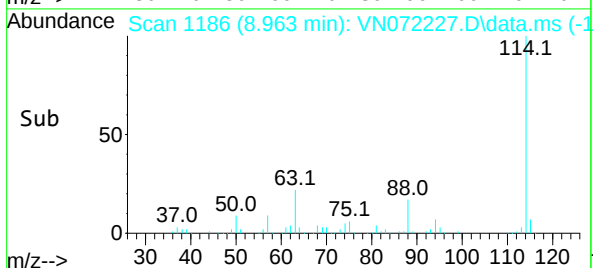
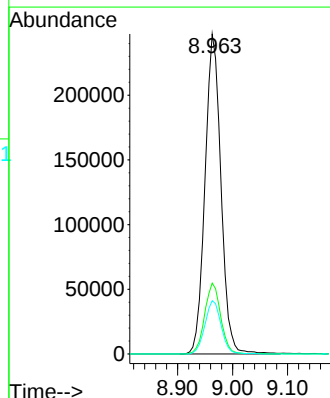
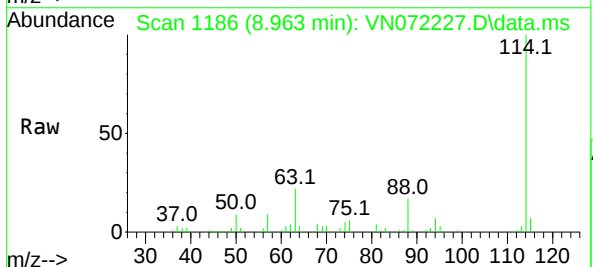
Tgt Ion: 114 Resp: 498286

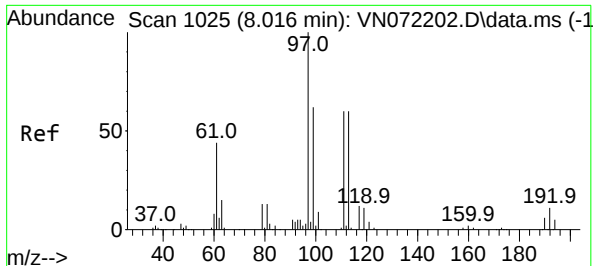
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.395 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072227.D

Acq: 27 Apr 2022 19:41

Instrument :

MSVOA_N

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31795

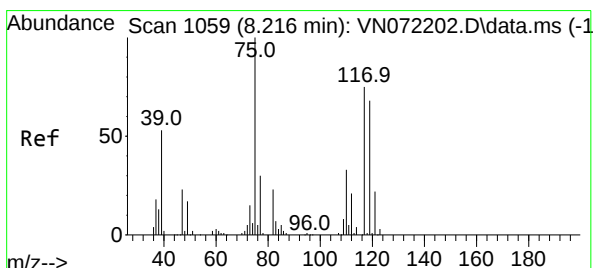
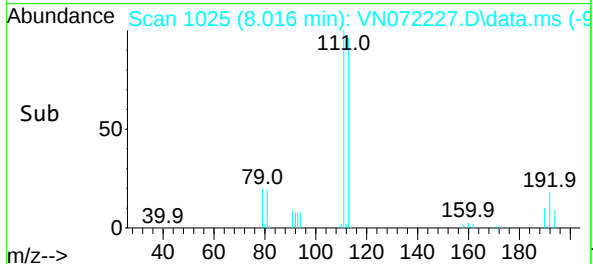
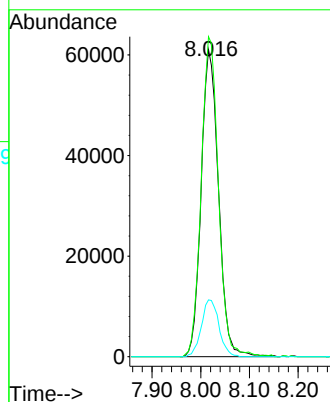
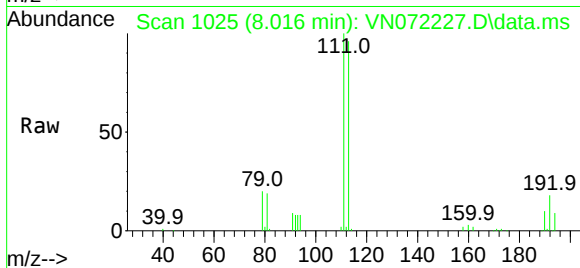
Tgt Ion:113 Resp: 151158

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.187 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072227.D

Acq: 27 Apr 2022 19:41

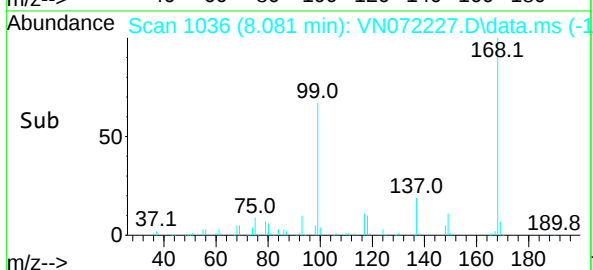
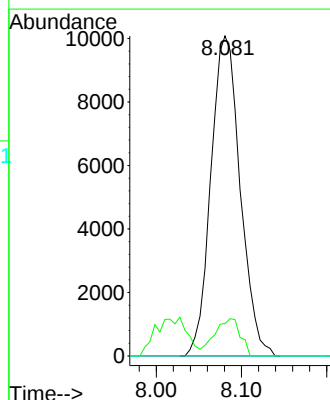
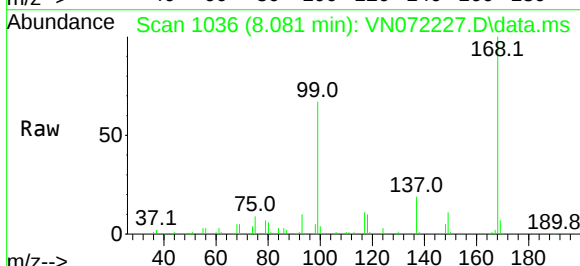
Tgt Ion: 75 Resp: 24080

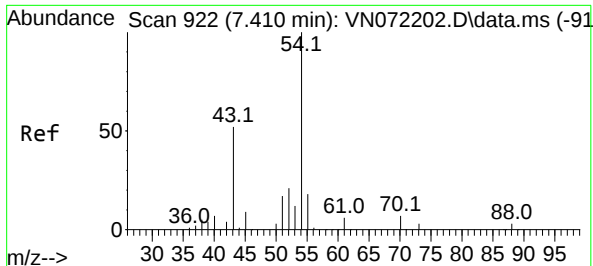
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 4.260 ug/l

RT: 7.334 min Scan# 90

Delta R.T. -0.076 min

Lab File: VN072227.D

Acq: 27 Apr 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

31795

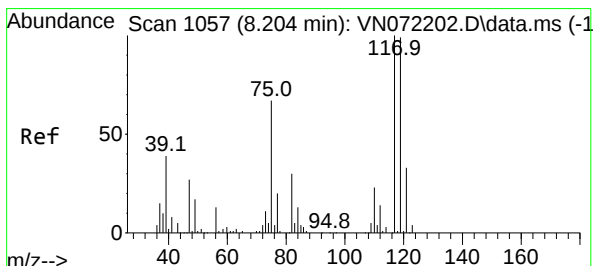
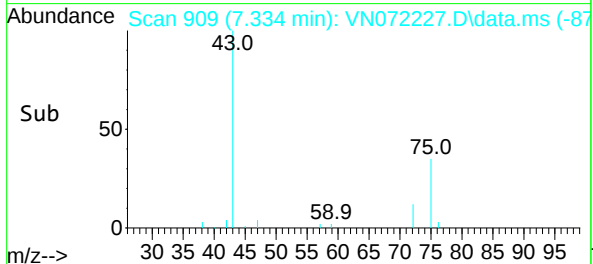
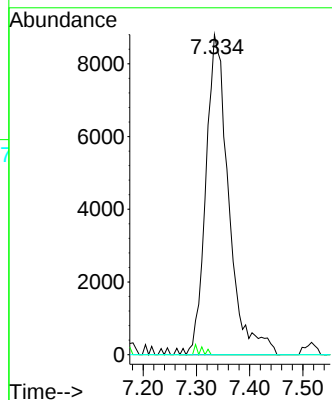
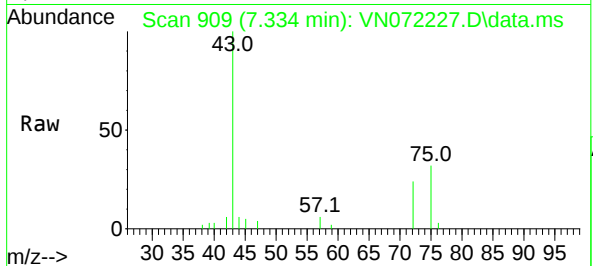
Tgt Ion: 43 Resp: 26265

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.899 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.117 min

Lab File: VN072227.D

Acq: 27 Apr 2022 19:41

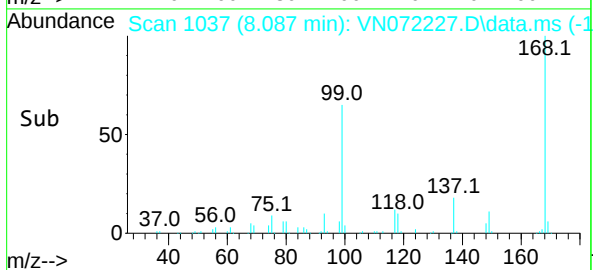
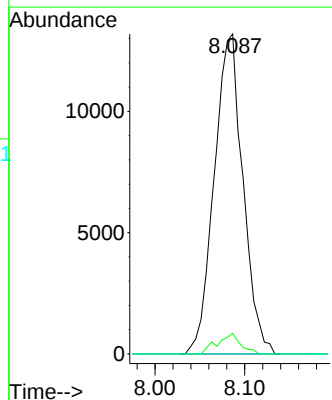
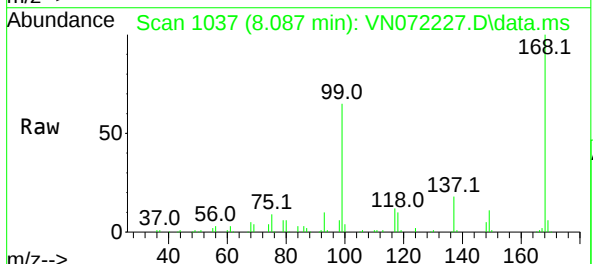
Tgt Ion: 117 Resp: 29332

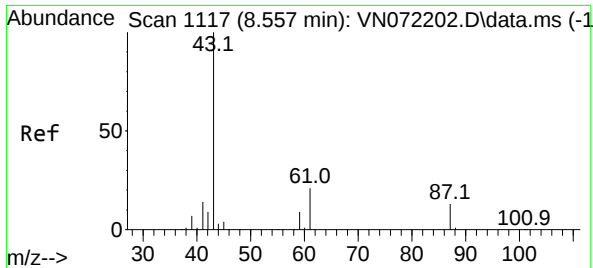
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.8#

121 0.0 24.6 37.0#

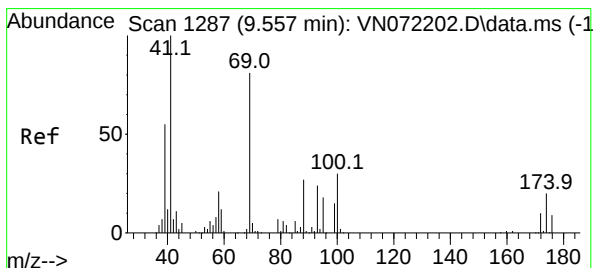
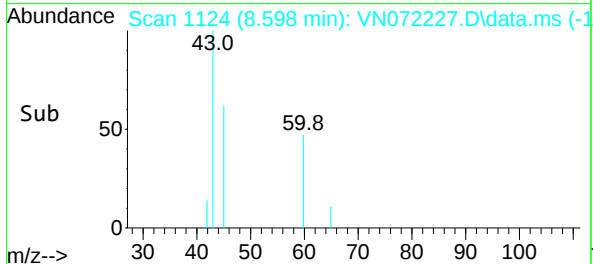
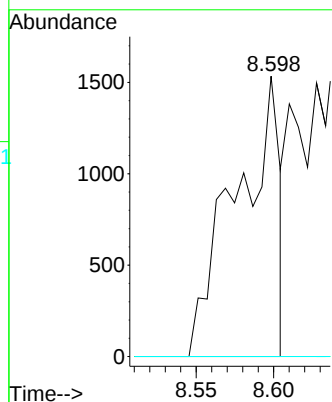
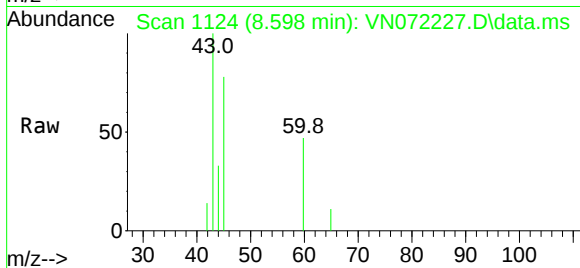




#43
Isopropyl Acetate
Concen: 1.109 ug/l
RT: 8.598 min Scan# 1117
Delta R.T. 0.041 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

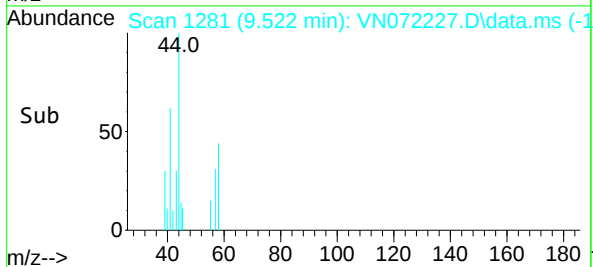
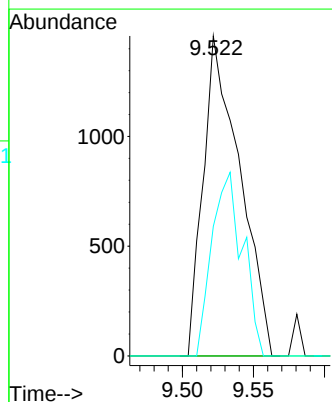
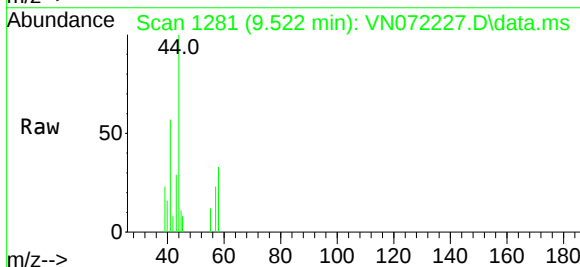
Instrument :
MSVOA_N
ClientSampleId :
31795

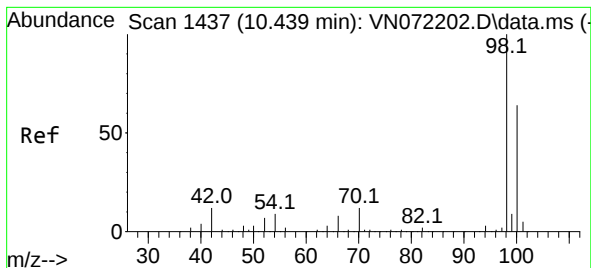
Tgt Ion: 43 Resp: 3024
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#48
Methyl methacrylate
Concen: 0.642 ug/l
RT: 9.522 min Scan# 1281
Delta R.T. -0.035 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 41 Resp: 2616
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 48.3 45.6 68.4

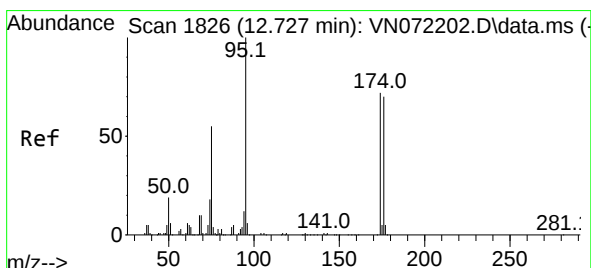
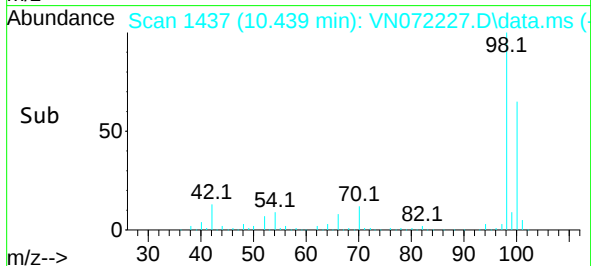
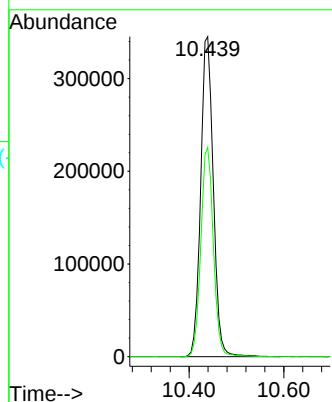
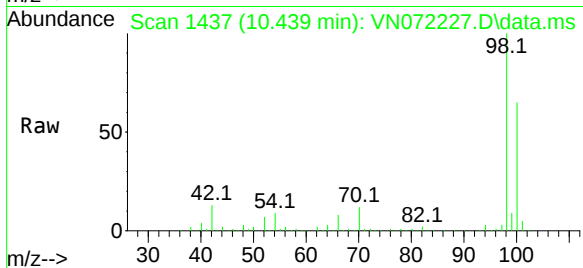




#50
Toluene-d8
Concen: 50.884 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

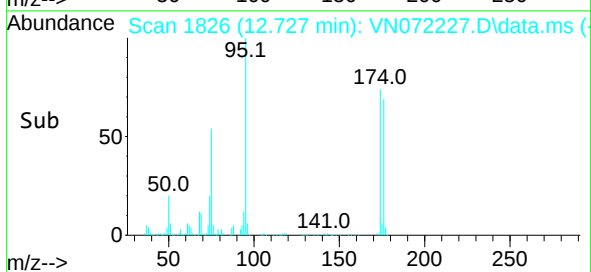
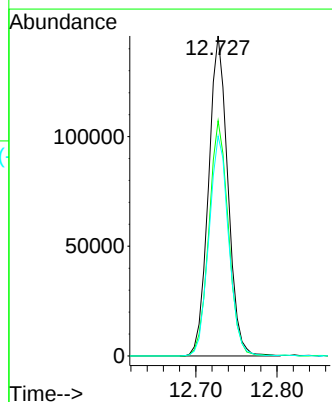
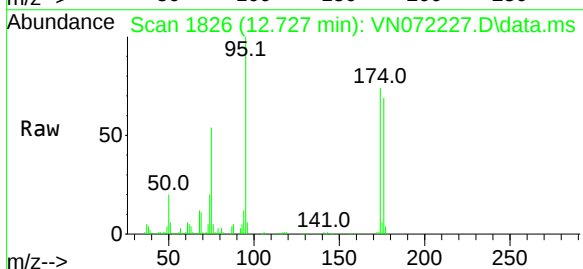
Instrument :
MSVOA_N
ClientSampleId :
31795

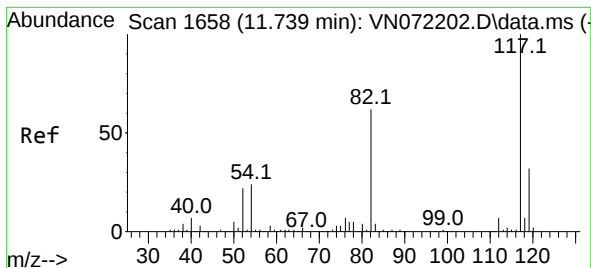
Tgt Ion: 98 Resp: 637680
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.014 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion: 95 Resp: 241317
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.0 0.0 163.4

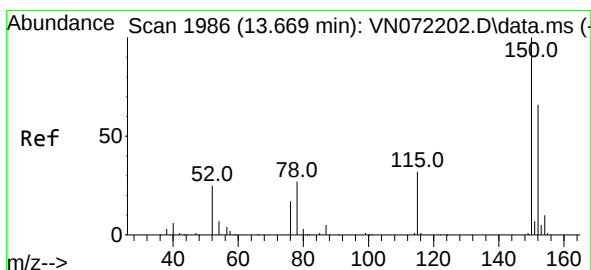
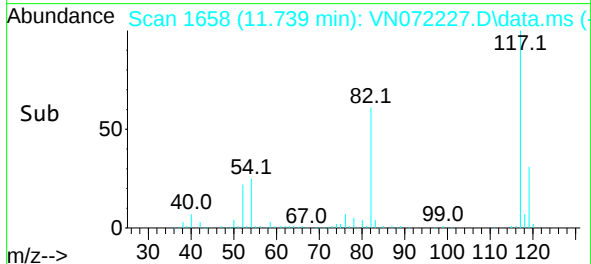
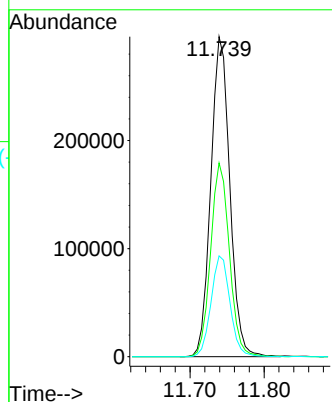
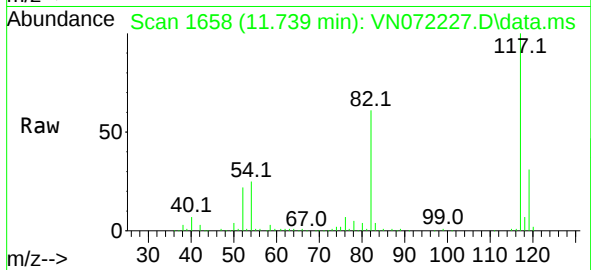




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

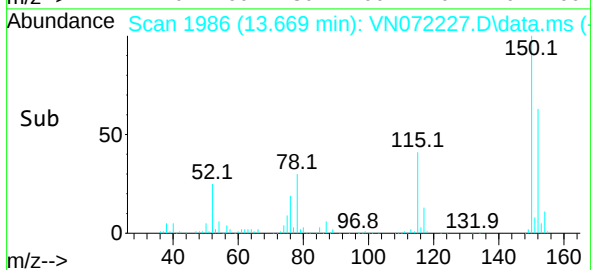
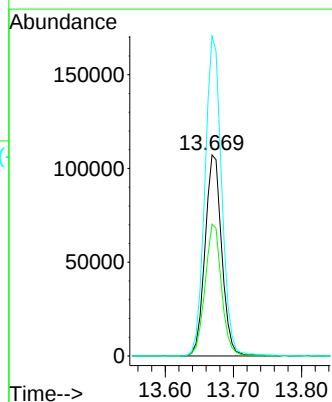
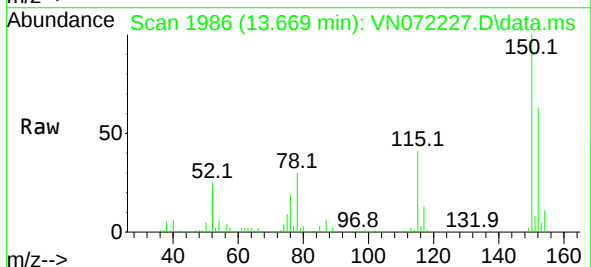
Instrument :
MSVOA_N
ClientSampleId :
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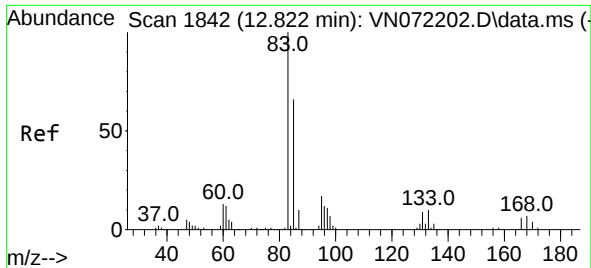
Tgt Ion:117 Resp: 527342
Ion Ratio Lower Upper
117 100
82 60.6 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072227.D
Acq: 27 Apr 2022 19:41

Tgt Ion:152 Resp: 182749
Ion Ratio Lower Upper
152 100
115 64.9 28.9 86.7
150 159.3 0.0 356.2

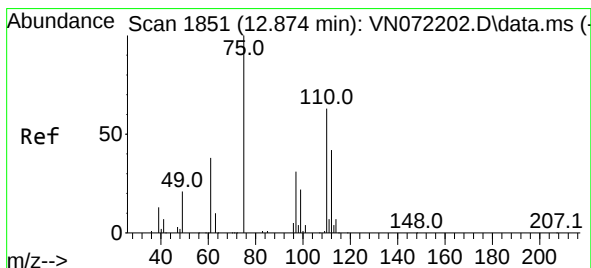
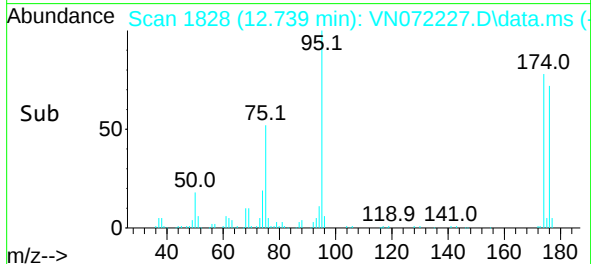
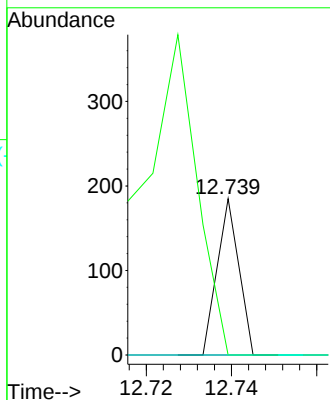
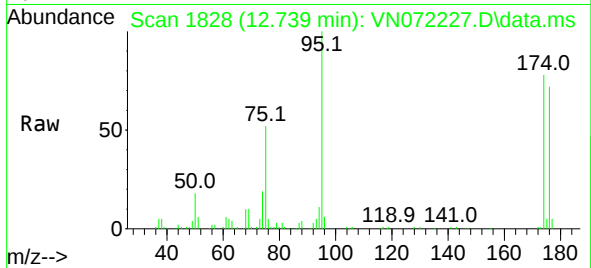




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.739 min Scan# 1828
 Delta R.T. -0.083 min
 Lab File: VN072227.D
 Acq: 27 Apr 2022 19:41

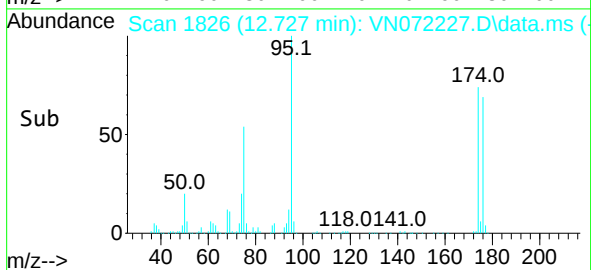
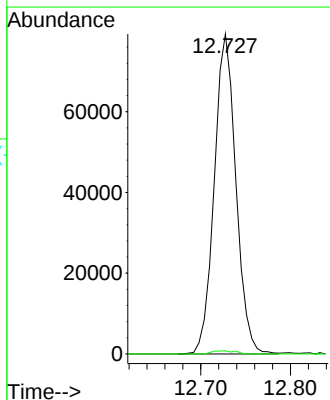
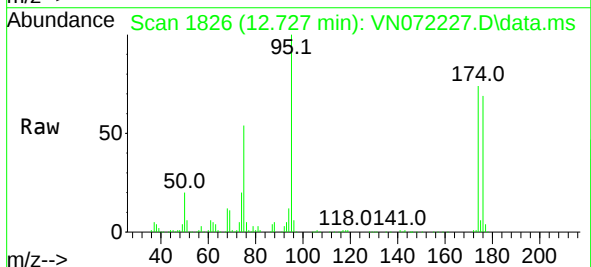
Instrument :
 MSVOA_N
 ClientSampleId :
 31795

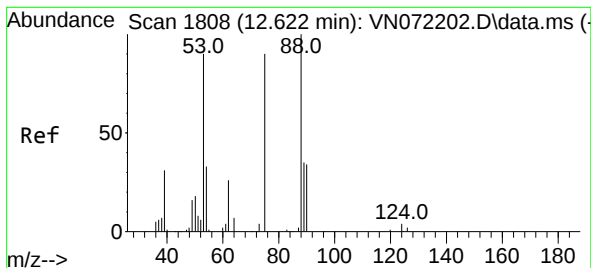
Tgt Ion: 83 Resp: 65
 Ion Ratio Lower Upper
 83 100
 131 504.6 5.3 15.9#
 85 0.0 32.3 96.9#



#76
 1,2,3-Trichloropropane
 Concen: 32.255 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072227.D
 Acq: 27 Apr 2022 19:41

Tgt Ion: 75 Resp: 132536
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

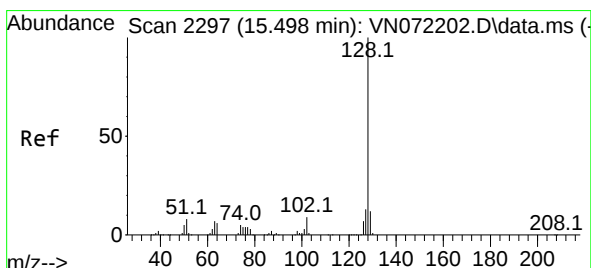
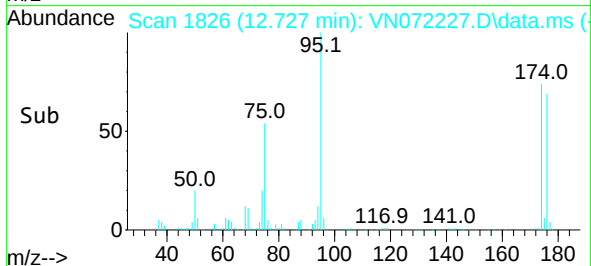
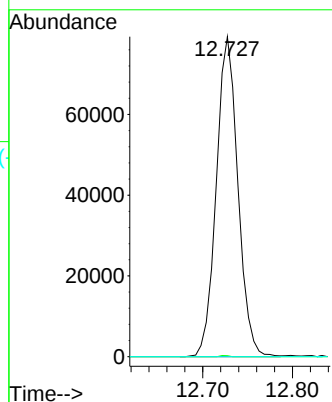
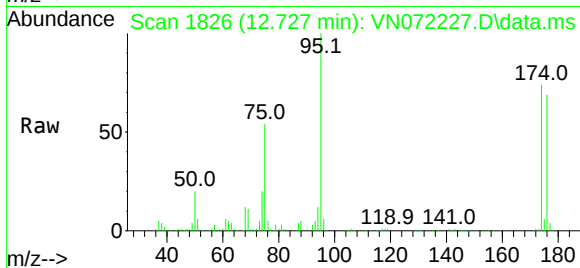




#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.856 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN072227.D
 Acq: 27 Apr 2022 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 31795

Tgt Ion: 75 Resp: 132536
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 4.381 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072227.D
 Acq: 27 Apr 2022 19:41

Tgt Ion:128 Resp: 840
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

