

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072923.D
 Acq On : 18 Jun 2022 07:51
 Operator : JC\MD
 Sample : VN0618WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 20 08:01:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

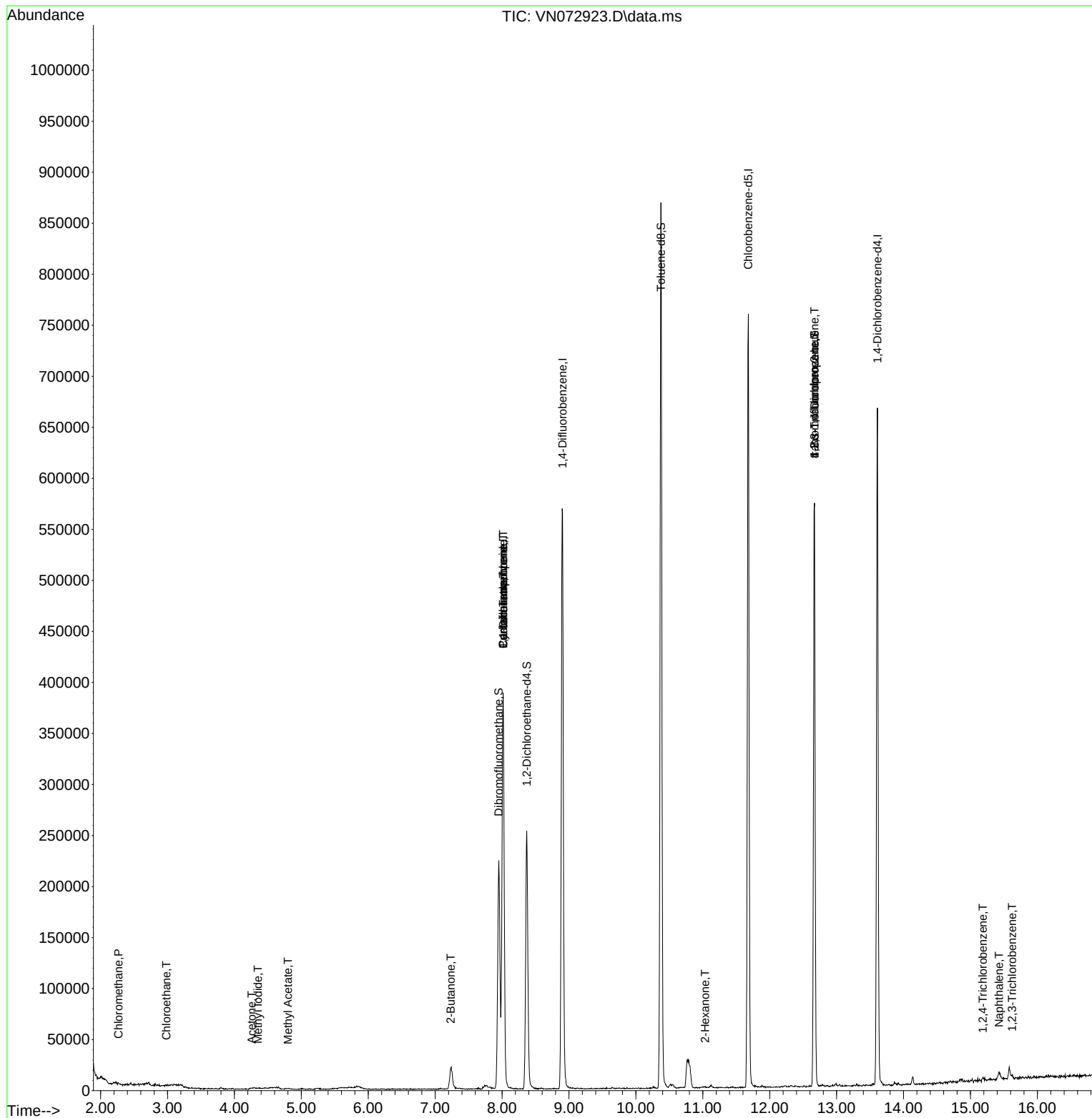
Internal Standards						
1) Pentafluorobenzene	8.016	168	303251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	529075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	446611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	182850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211522	51.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	7.951	113	164052	50.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	10.374	98	601356	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.668	95	200171	45.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.500%			
Target Compounds						Qvalue
3) Chloromethane	2.269	50	884	0.851	ug/l	97
6) Chloroethane	2.981	64	536	0.331	ug/l #	42
10) Methyl Iodide	4.351	142	1108	0.332	ug/l #	58
16) Acetone	4.257	43	1873	0.831	ug/l #	42
18) Methyl Acetate	4.798	43	1434	0.239	ug/l #	48
20) Methylene Chloride	5.010	84	423	Below Cal	#	48
25) 2-Butanone	7.234	43	827	0.231	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	1342	Below Cal	#	53
31) Cyclohexane	8.016	56	6590	1.188	ug/l #	33
36) 1,1-Dichloropropene	8.016	75	23316	5.269	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30040	6.454	ug/l #	18
59) 2-Hexanone	11.033	43	1520	0.298	ug/l #	52
76) 1,2,3-Trichloropropane	12.668	75	101030	22.790	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	101030	61.546	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.533	75	82	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.186	180	775	0.222	ug/l #	44
95) Naphthalene	15.427	128	7537	0.534	ug/l	96
96) 1,2,3-Trichlorobenzene	15.621	180	1390	0.373	ug/l #	68

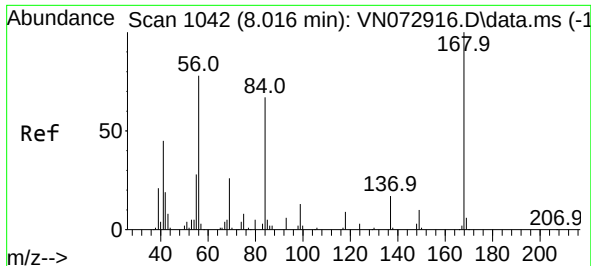
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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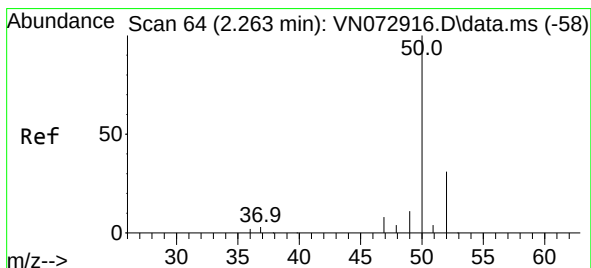
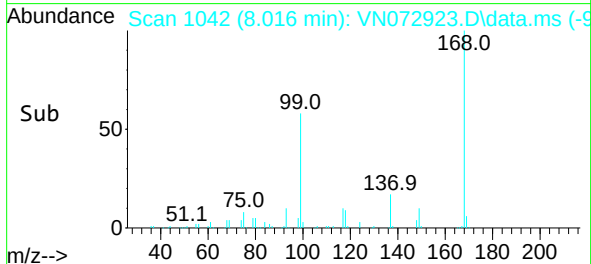
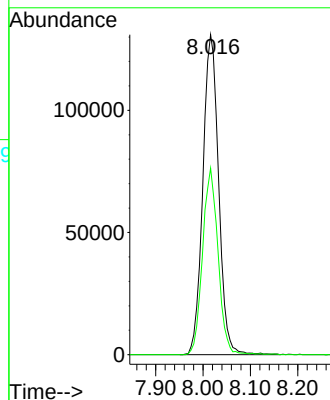
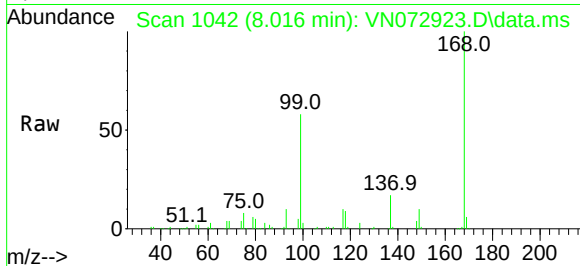




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

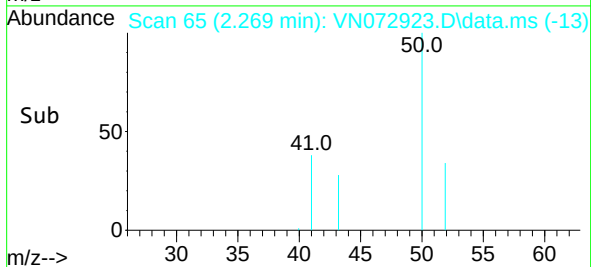
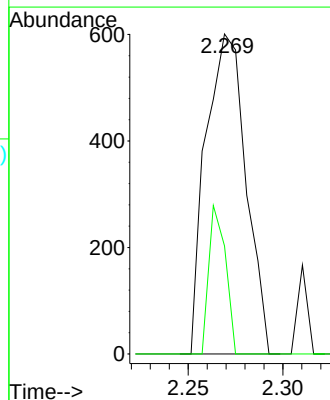
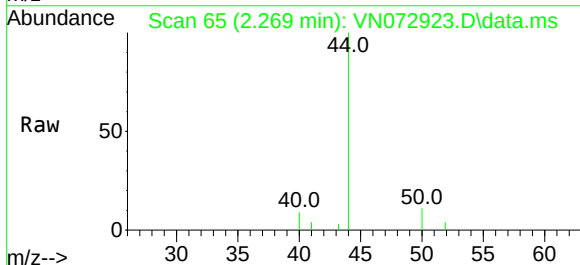
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

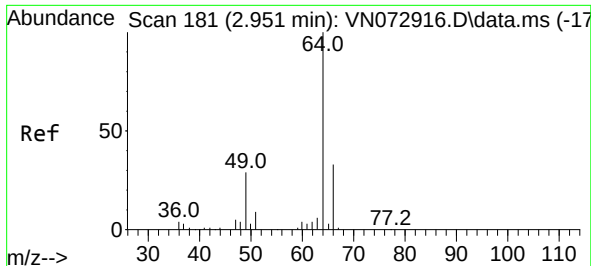
Tgt Ion:168 Resp: 303251
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#3
Chloromethane
Concen: 0.851 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion: 50 Resp: 884
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

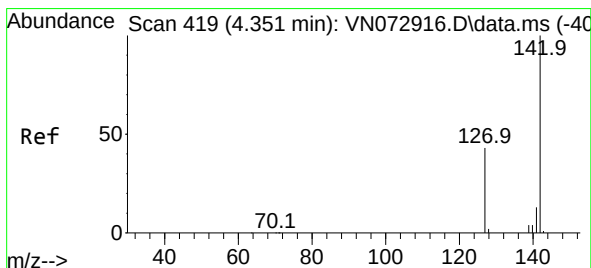
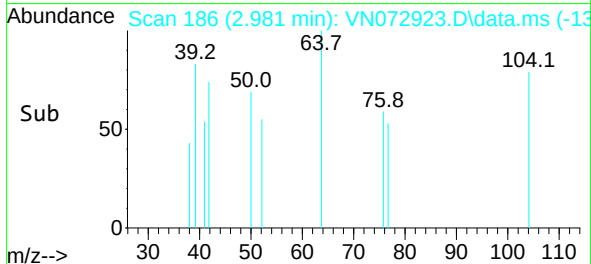
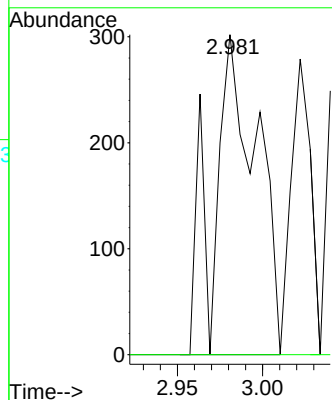
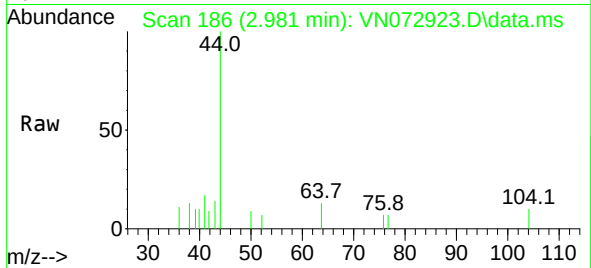




#6
Chloroethane
Concen: 0.331 ug/l
RT: 2.981 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

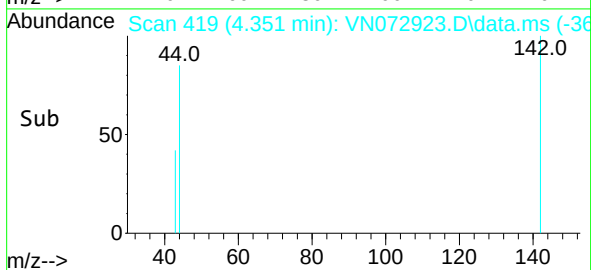
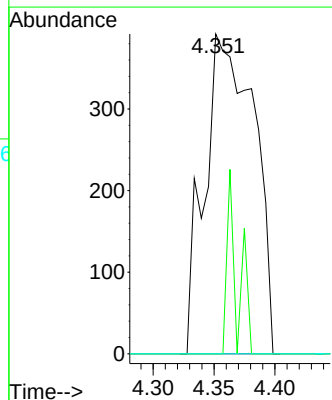
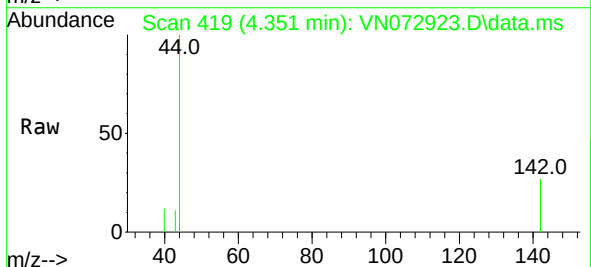
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

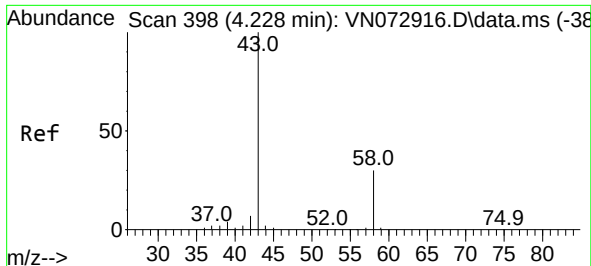
Tgt Ion: 64 Resp: 536
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.332 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion: 142 Resp: 1108
Ion Ratio Lower Upper
142 100
127 12.1 31.3 46.9#
141 0.0 11.2 16.8#

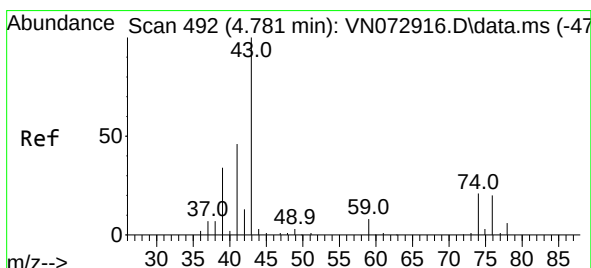
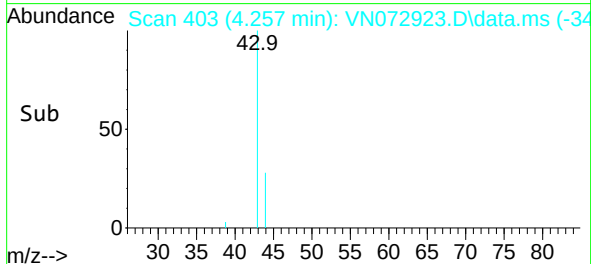
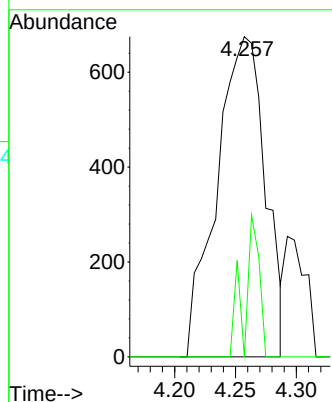
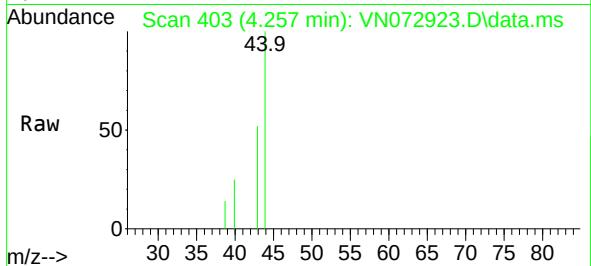




#16
Acetone
Concen: 0.831 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

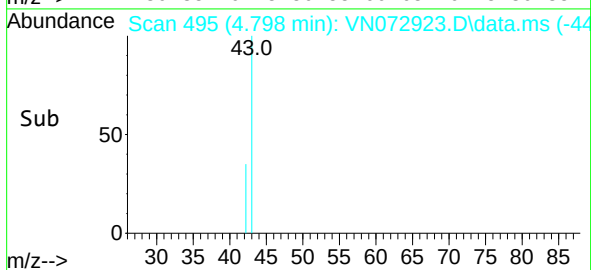
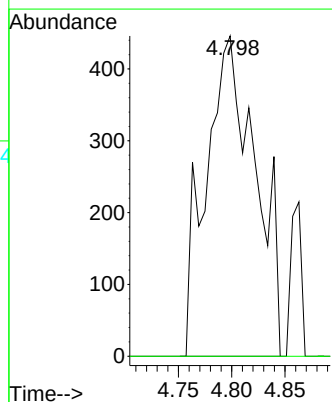
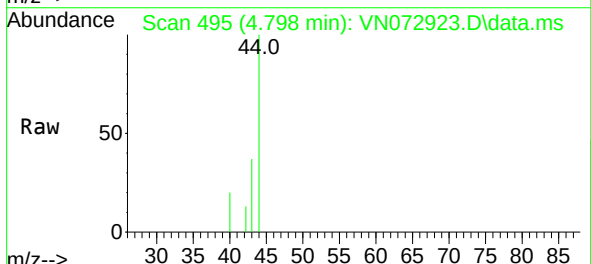
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

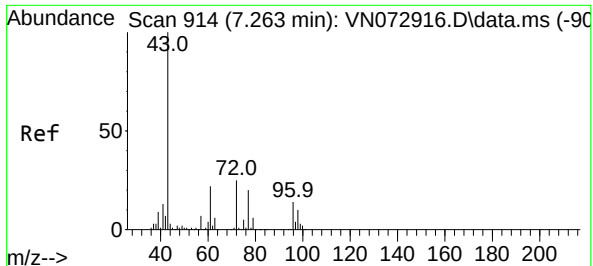
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.231 ug/l

RT: 7.234 min Scan# 908

Delta R.T. -0.029 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

Instrument :

MSVOA_N

ClientSampleId :

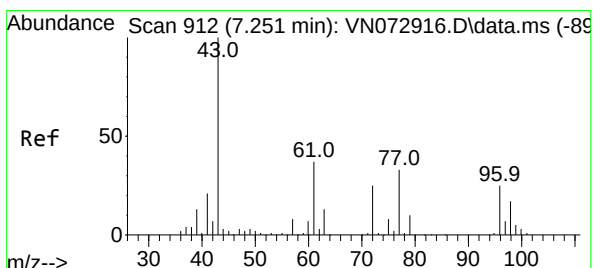
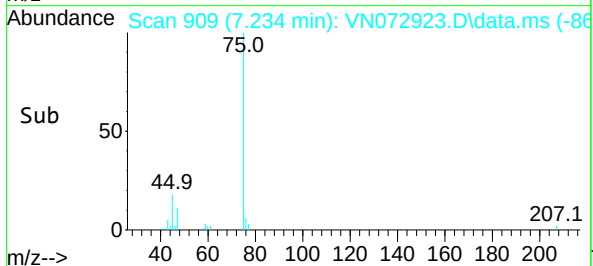
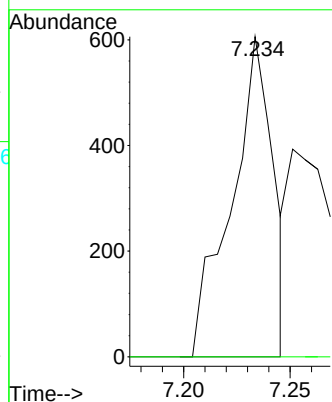
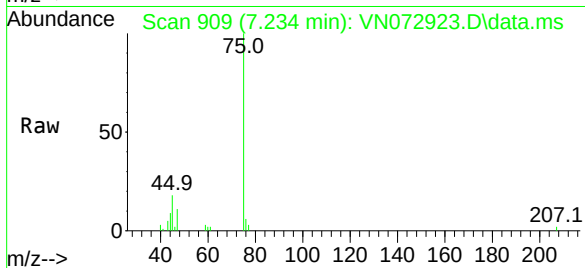
VN0618WBL01

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.228 min Scan# 908

Delta R.T. -0.023 min

Lab File: VN072923.D

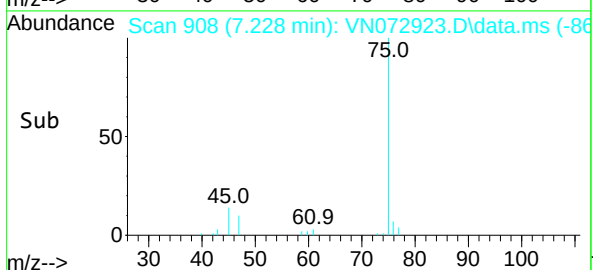
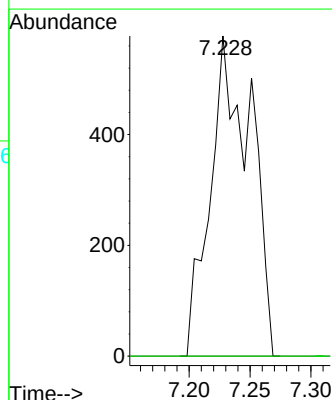
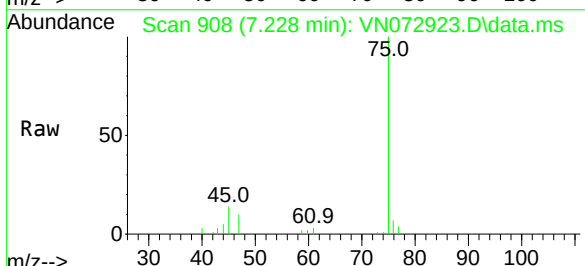
Acq: 18 Jun 2022 07:51

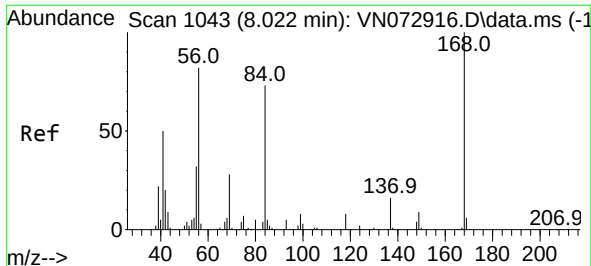
Tgt Ion: 77 Resp: 1342

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

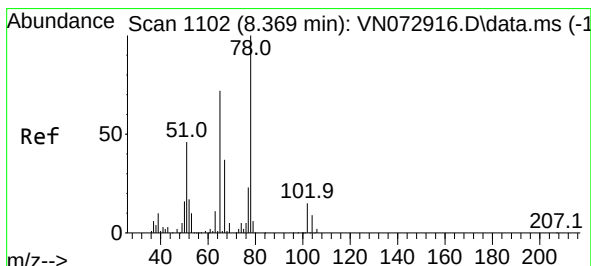
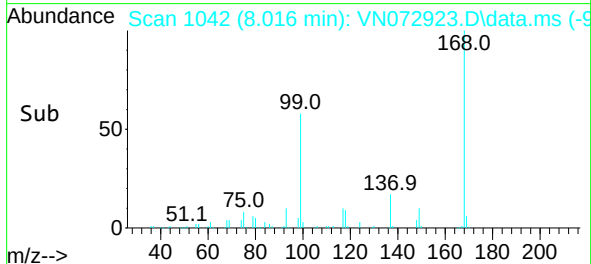
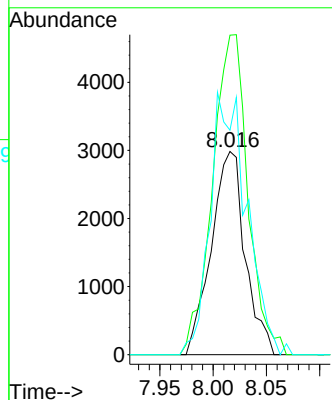
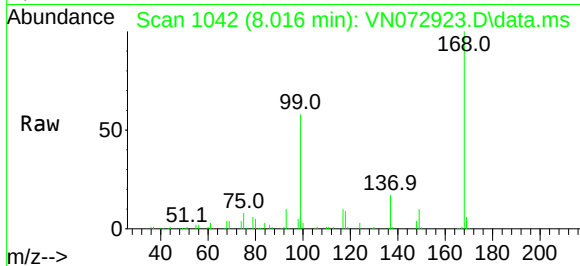




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

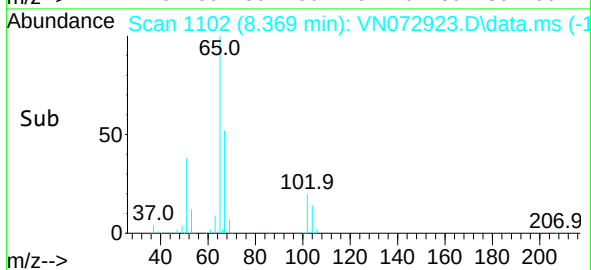
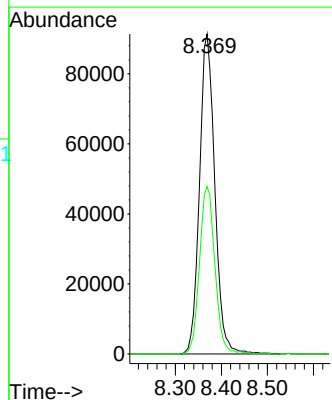
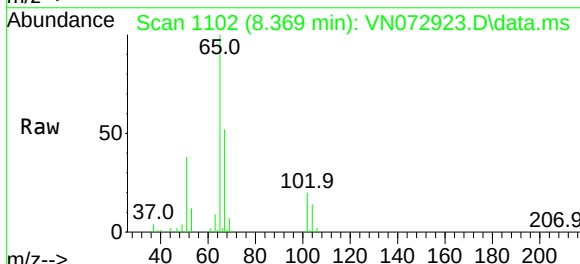
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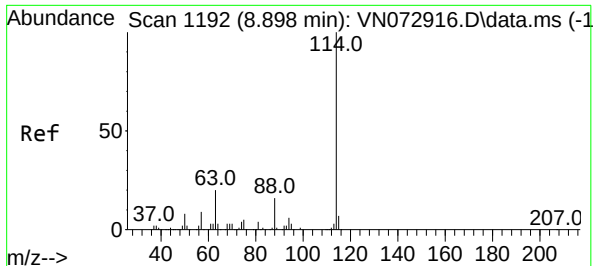
Tgt Ion: 56 Resp: 6590
Ion Ratio Lower Upper
56 100
69 157.2 27.8 41.8#
84 110.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.592 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion: 65 Resp: 211522
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01

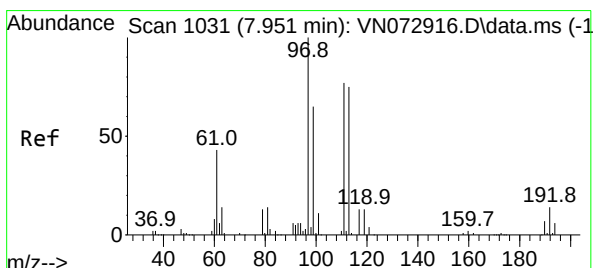
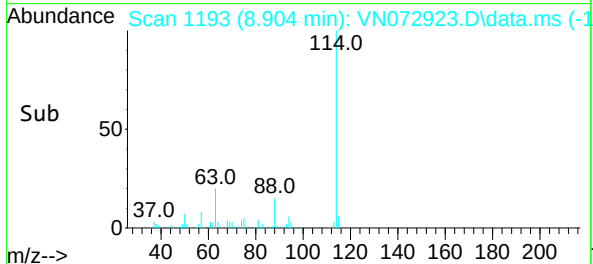
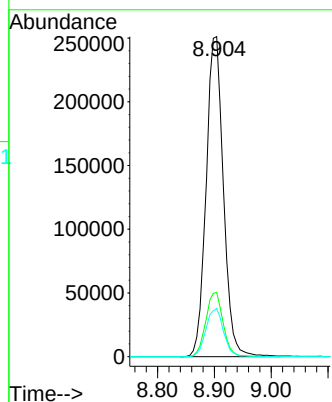
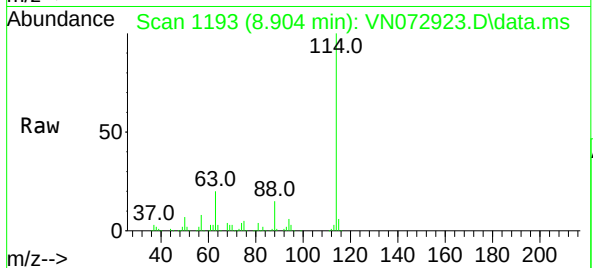
Tgt Ion:114 Resp: 529075

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.166 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

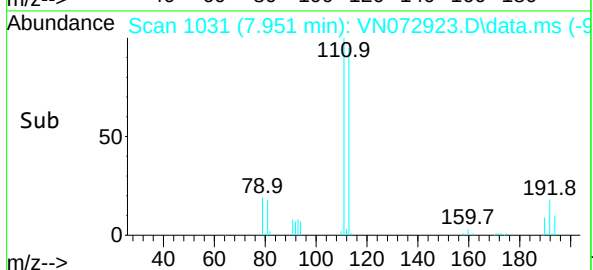
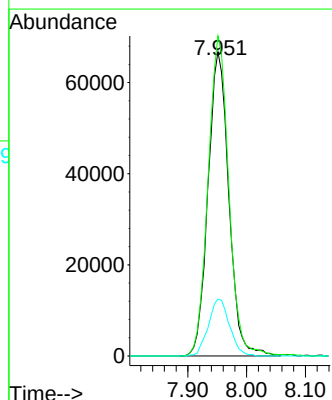
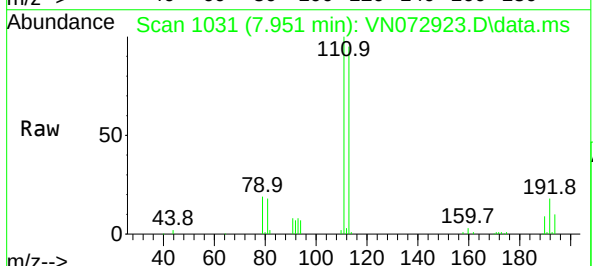
Tgt Ion:113 Resp: 164052

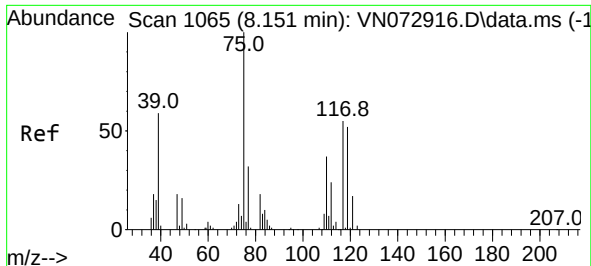
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 19.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.269 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

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MSVOA_N

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VN0618WBL01

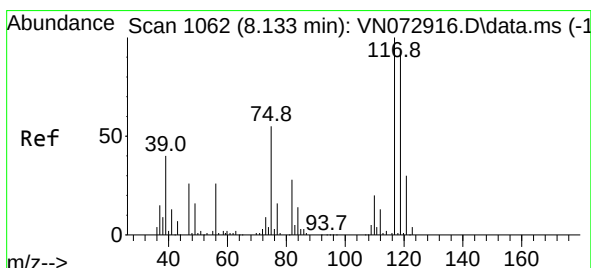
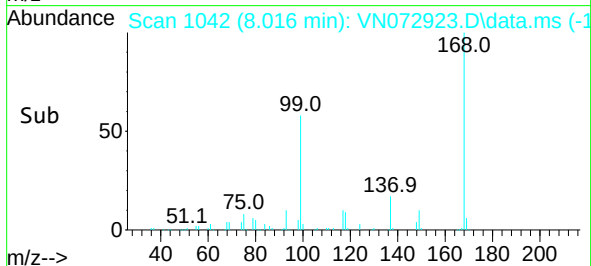
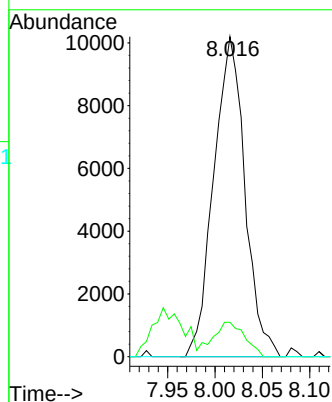
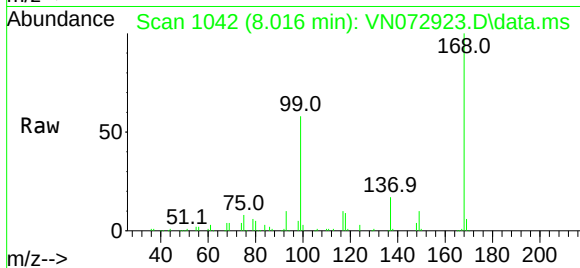
Tgt Ion: 75 Resp: 23316

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.454 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

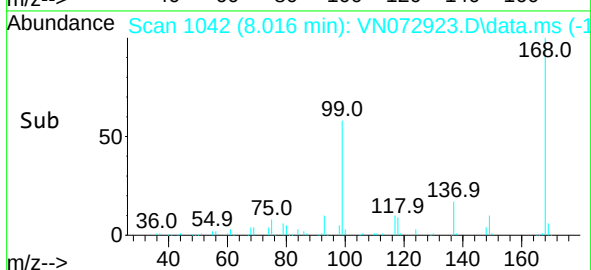
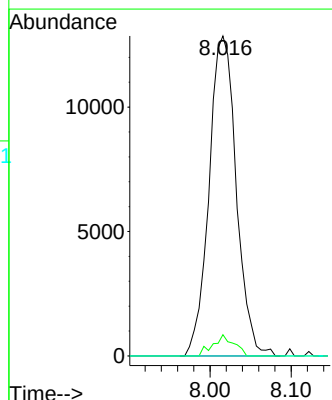
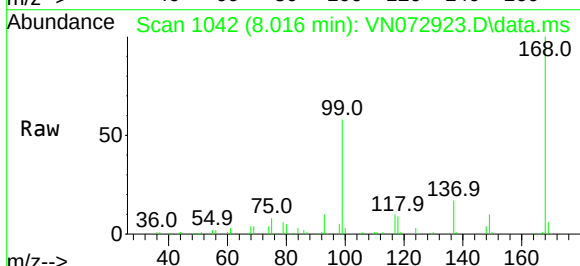
Tgt Ion: 117 Resp: 30040

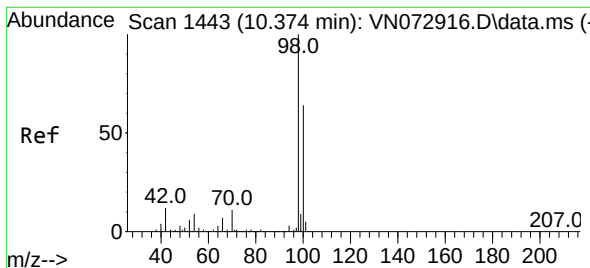
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.420 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072923.D

Acq: 18 Jun 2022 07:51

Instrument :

MSVOA_N

ClientSampleId :

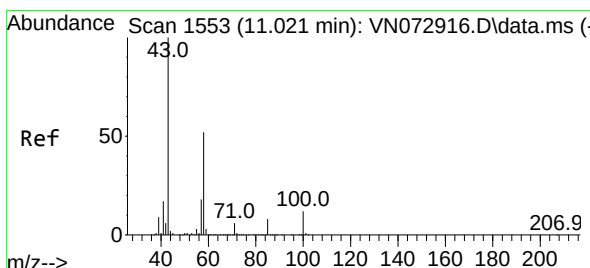
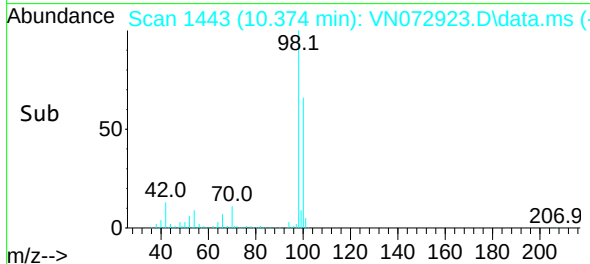
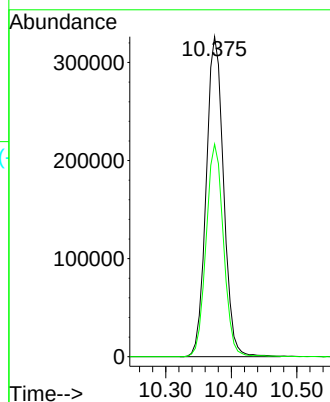
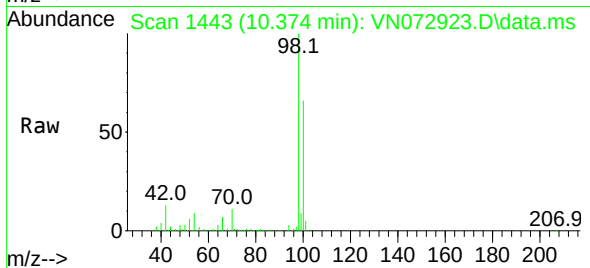
VN0618WBL01

Tgt Ion: 98 Resp: 601356

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8



#59

2-Hexanone

Concen: 0.298 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.012 min

Lab File: VN072923.D

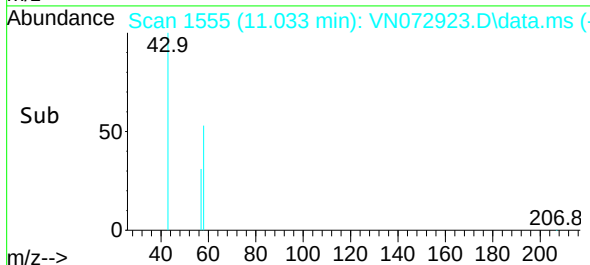
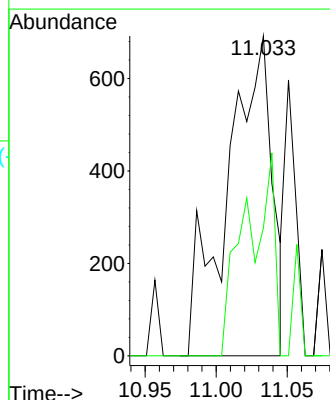
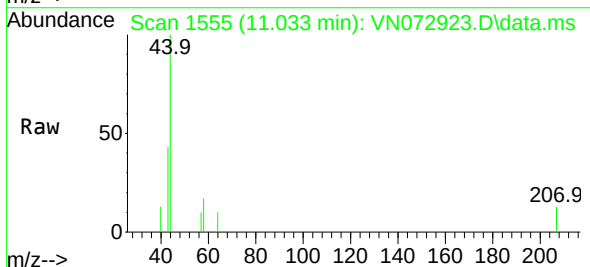
Acq: 18 Jun 2022 07:51

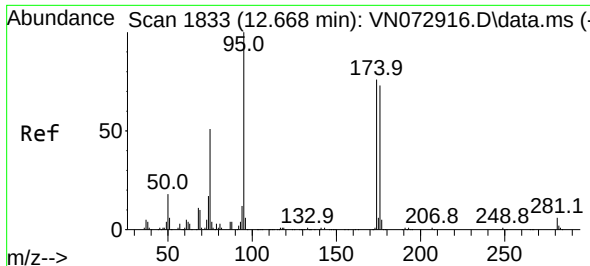
Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 23.4 29.7 89.1#

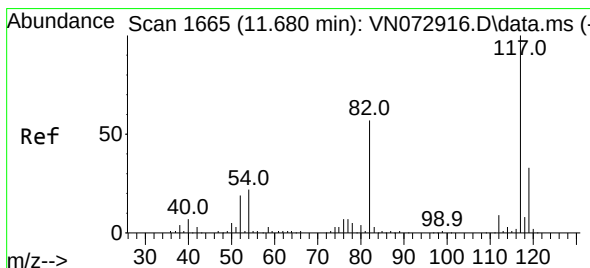
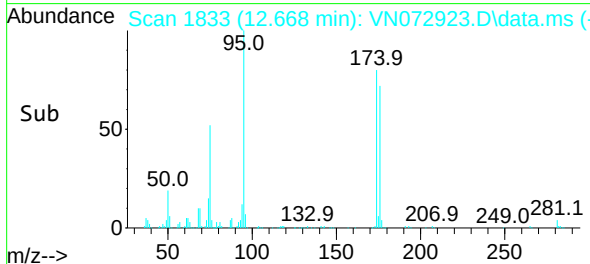
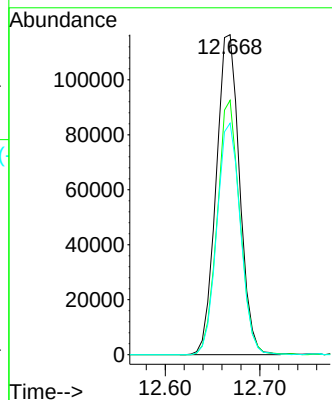
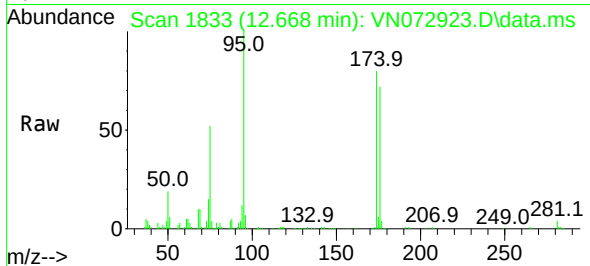




#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

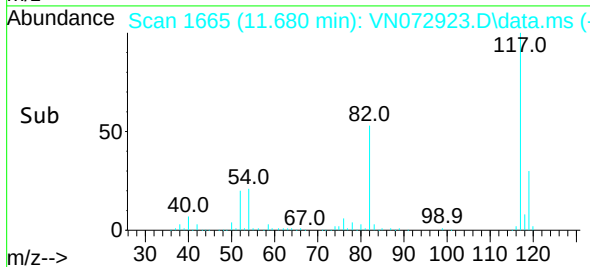
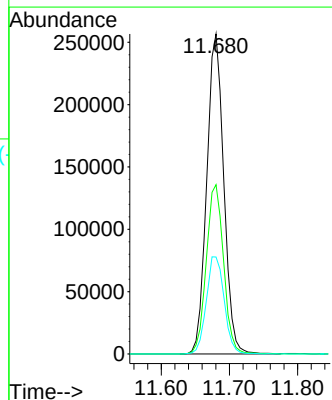
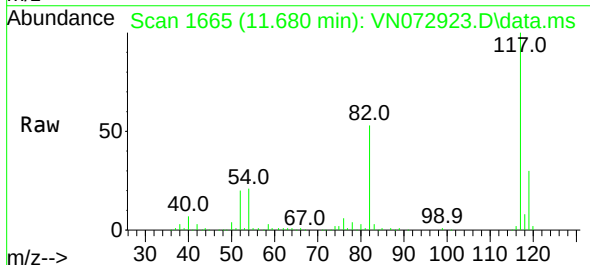
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

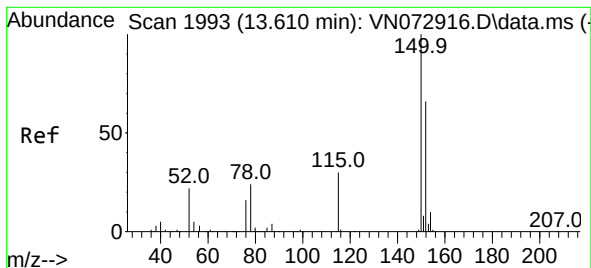
Tgt Ion: 95 Resp: 200171
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion: 117 Resp: 446611
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 30.3 25.4 38.0

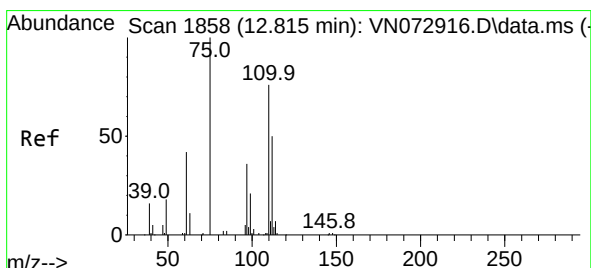
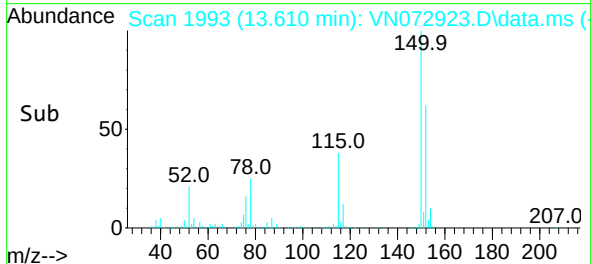
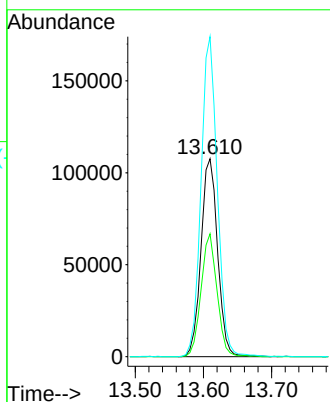
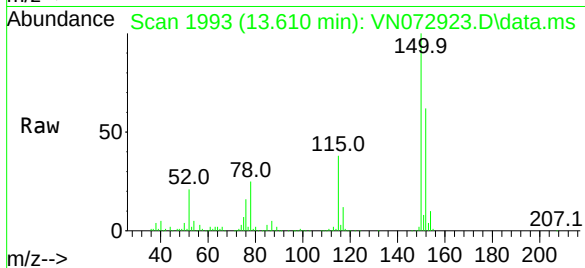




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072923.D
 Acq: 18 Jun 2022 07:51

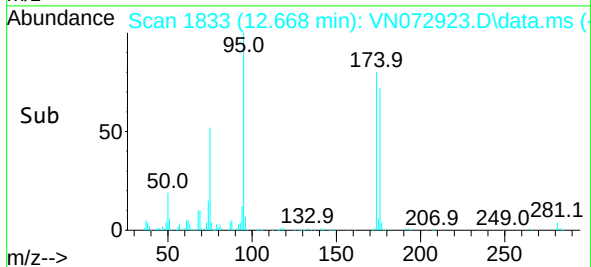
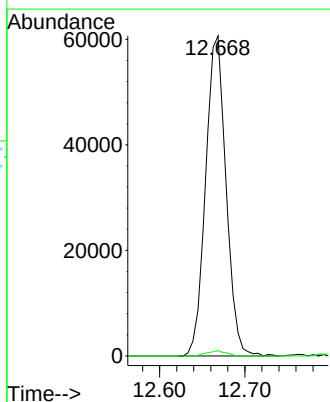
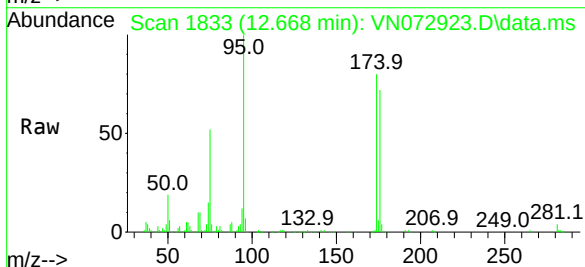
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

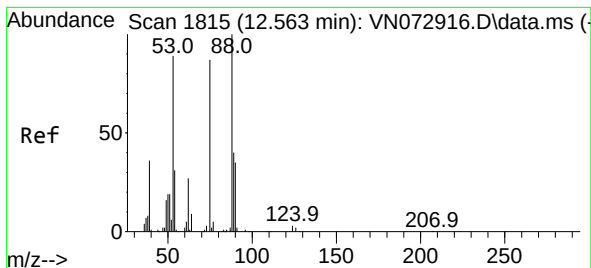
Tgt Ion:152 Resp: 182850
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.790 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN072923.D
 Acq: 18 Jun 2022 07:51

Tgt Ion: 75 Resp: 101030
 Ion Ratio Lower Upper
 75 100
 77 1.6 98.5 295.5#

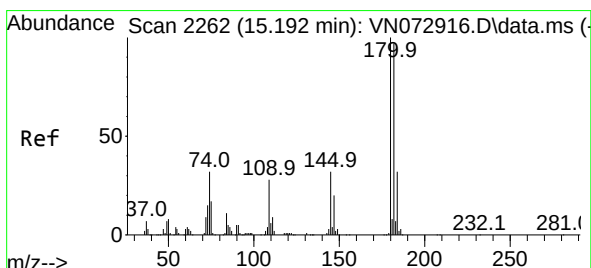
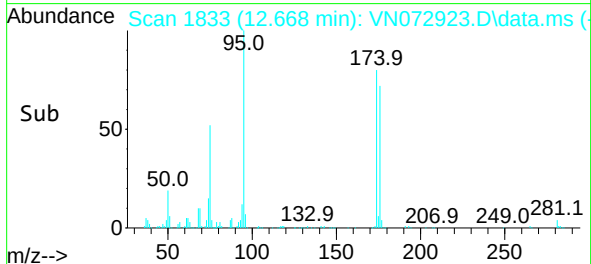
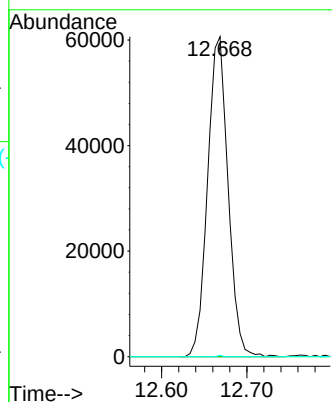
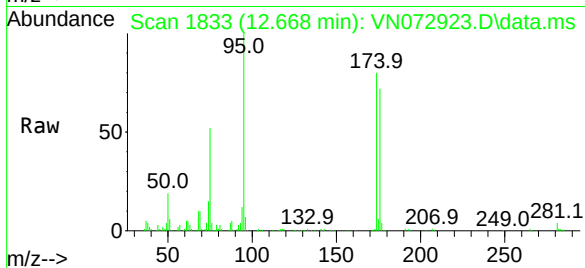




#81
trans-1,4-Dichloro-2-butene
Concen: 61.546 ug/l
RT: 12.668 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

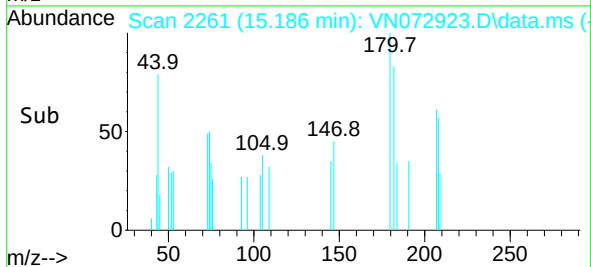
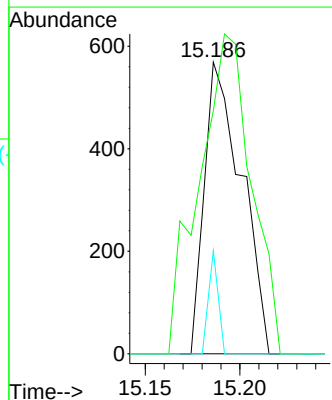
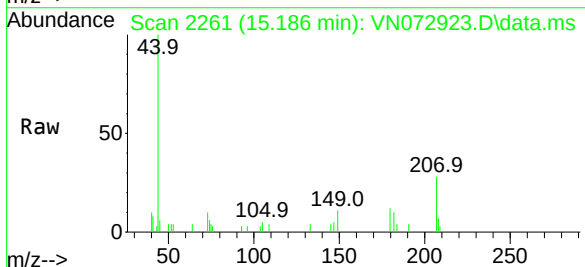
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

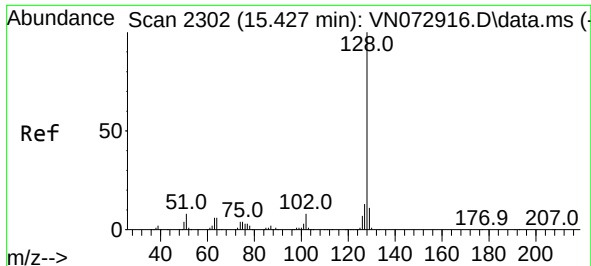
Tgt Ion: 75 Resp: 101030
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 15.186 min Scan# 2261
Delta R.T. -0.006 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion:180 Resp: 775
Ion Ratio Lower Upper
180 100
182 154.5 47.5 142.5#
145 9.2 14.5 43.5#

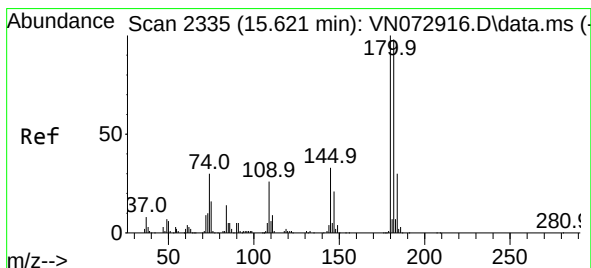
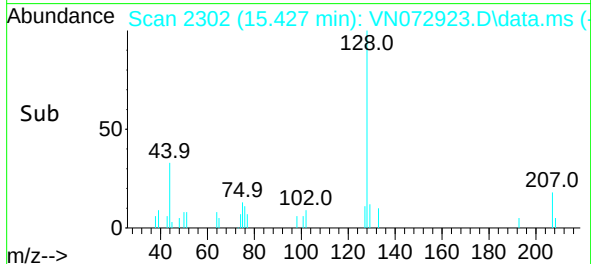
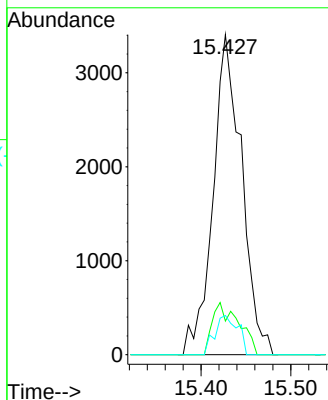
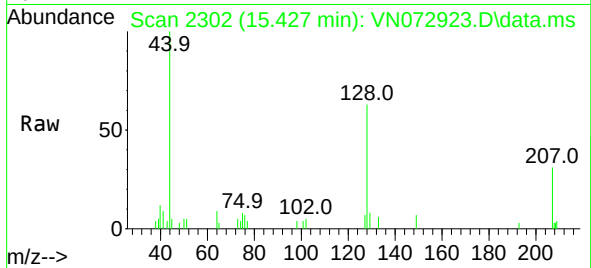




#95
Naphthalene
Concen: 0.534 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Tgt Ion:	128	Resp:	7537
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.3	15.5
129	9.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.373 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN072923.D
Acq: 18 Jun 2022 07:51

Tgt Ion:	180	Resp:	1390
Ion Ratio	Lower	Upper	
180	100		
182	63.8	47.8	143.3
145	15.2	15.5	46.5#

