

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072296.D
 Acq On : 02 May 2022 15:11
 Operator : JC\MD
 Sample : N2619-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 03:12:17 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	8.087	168	188694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	318826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	275555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	82277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	179451	61.946	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 123.900%	
35) Dibromofluoromethane	8.016	113	114440	56.080	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.160%	
50) Toluene-d8	10.439	98	404218	50.410	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	12.727	95	122251	45.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.860%	

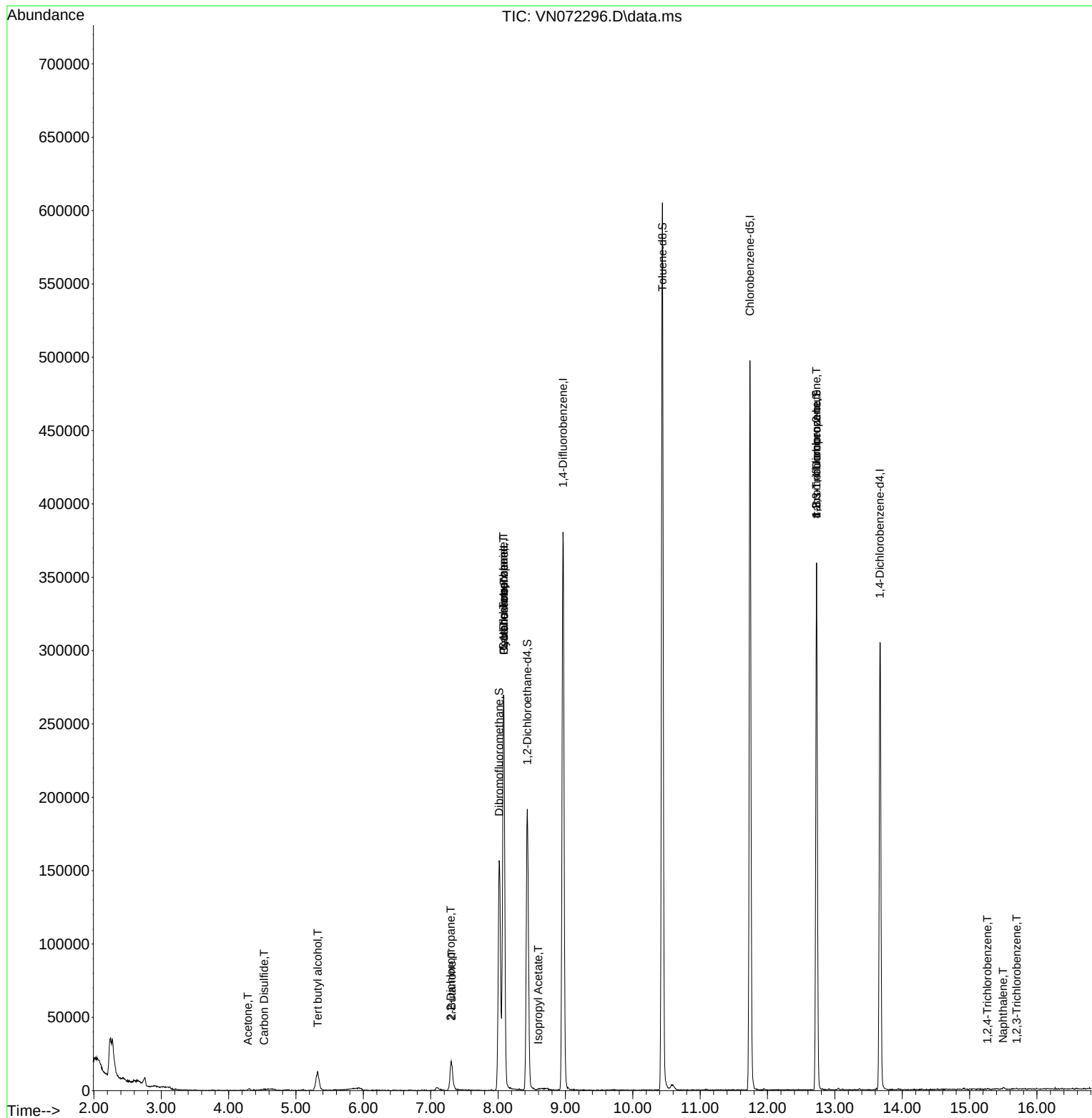
Target Compounds			Qvalue			
3) Chloromethane	2.293	50	1277	Below Cal	#	43
5) Bromomethane	2.840	94	64	Below Cal	#	2
6) Chloroethane	3.016	64	468	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	11809	24.806	ug/l	# 72
16) Acetone	4.287	43	252	0.202	ug/l	# 42
17) Carbon Disulfide	4.528	76	142	0.396	ug/l	# 75
25) 2-Butanone	7.310	43	739	0.372	ug/l	# 45
26) 2,2-Dichloropropane	7.298	77	1394	0.414	ug/l	# 53
31) Cyclohexane	8.087	56	4539	1.173	ug/l	# 35
36) 1,1-Dichloropropene	8.081	75	16837	5.668	ug/l	# 45
38) Carbon Tetrachloride	8.081	117	21668	6.811	ug/l	# 16
43) Isopropyl Acetate	8.598	43	294	0.848	ug/l	# 53
76) 1,2,3-Trichloropropane	12.727	75	72707	38.945	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	72707	102.177	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.263	180	217	2.583	ug/l	# 24
95) Naphthalene	15.498	128	2016	4.732	ug/l	# 78
96) 1,2,3-Trichlorobenzene	15.698	180	129	2.770	ug/l	# 1

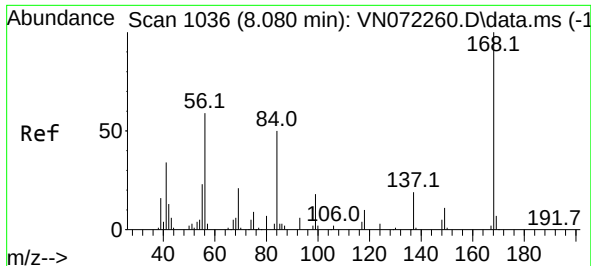
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 03 03:12:17 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

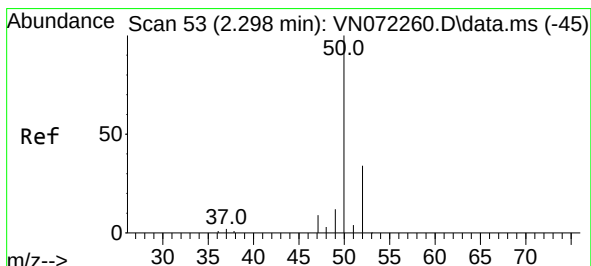
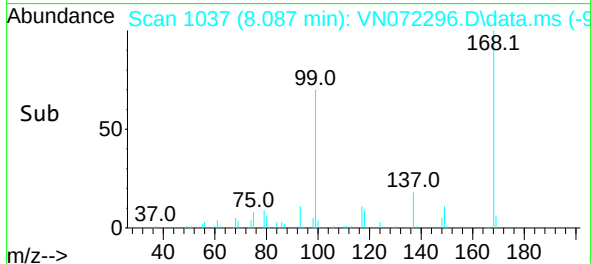
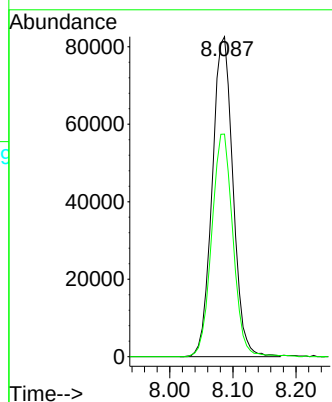
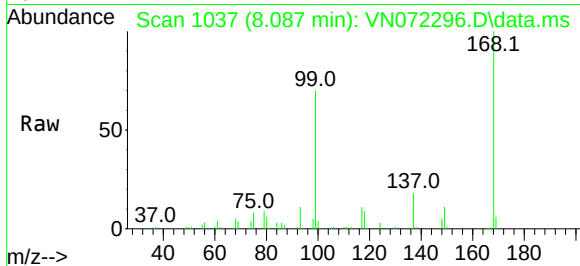




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

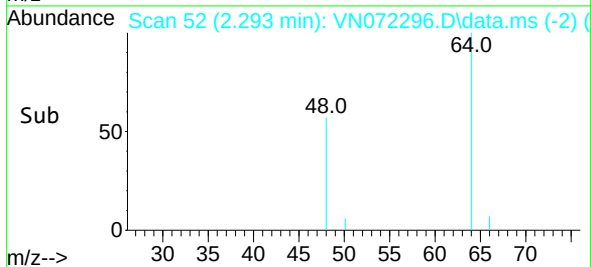
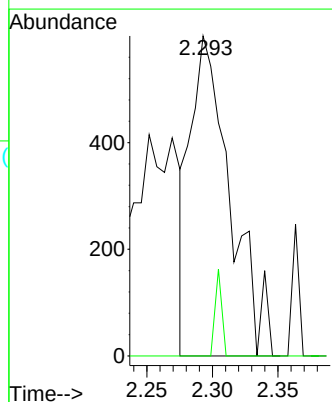
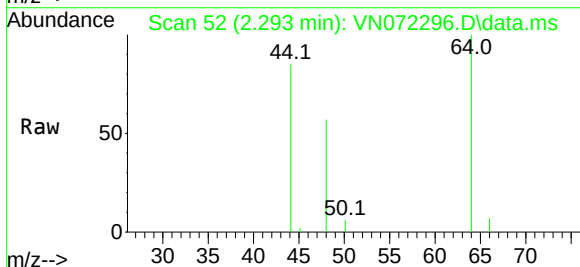
Instrument :
MSVOA_N
ClientSampleId :

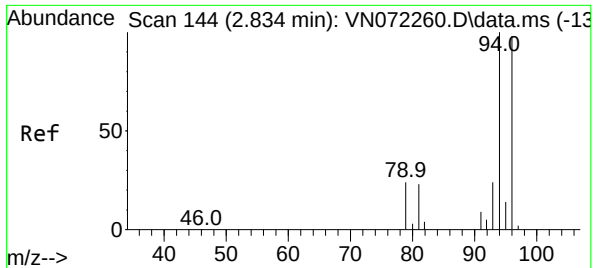
Tgt Ion:168 Resp: 188694
Ion Ratio Lower Upper
168 100
99 69.6 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

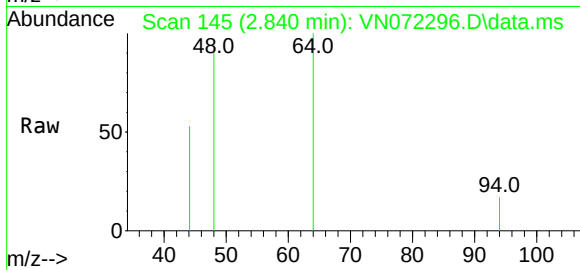
Tgt Ion: 50 Resp: 1277
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



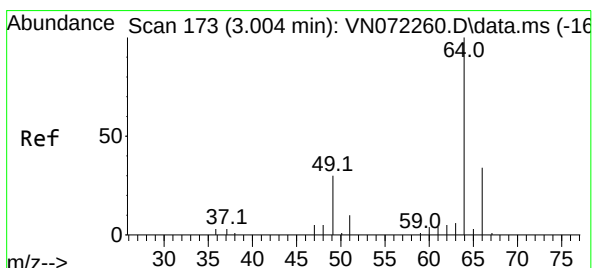
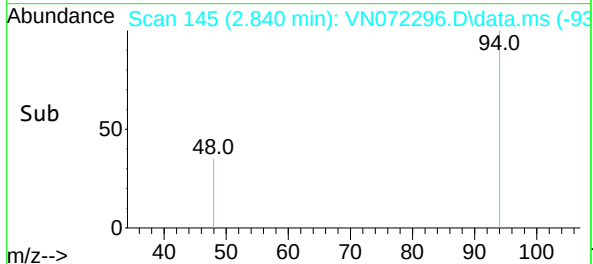
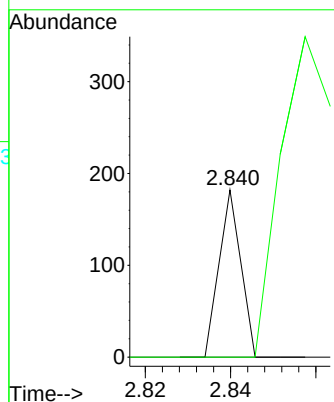


#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :

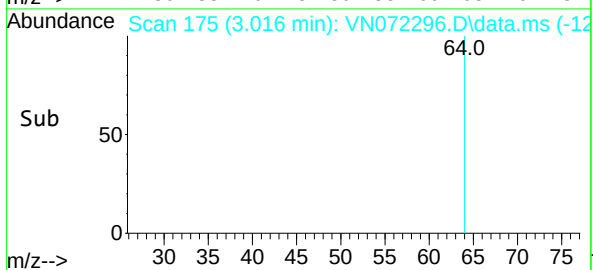
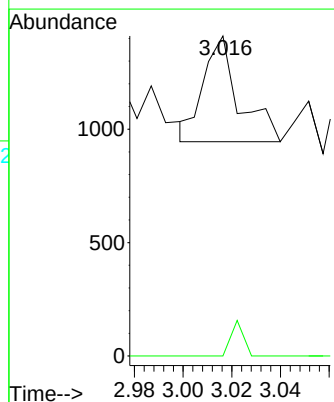
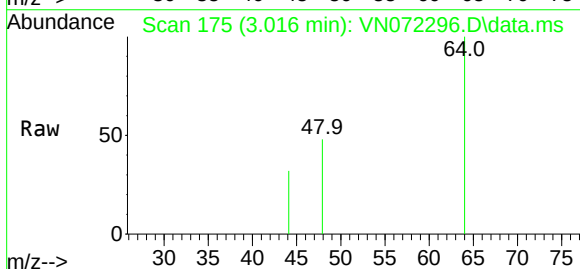


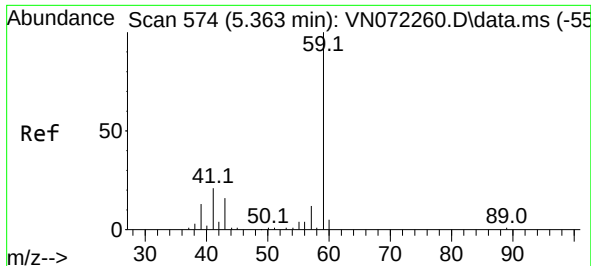
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.016 min Scan# 175
Delta R.T. 0.011 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

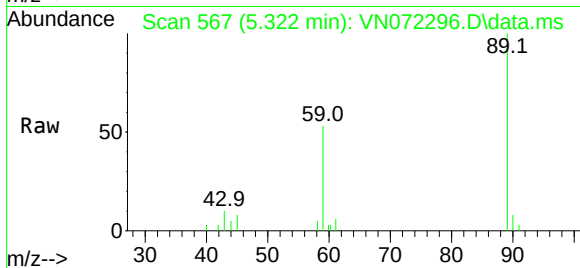
Tgt Ion: 64 Resp: 468
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



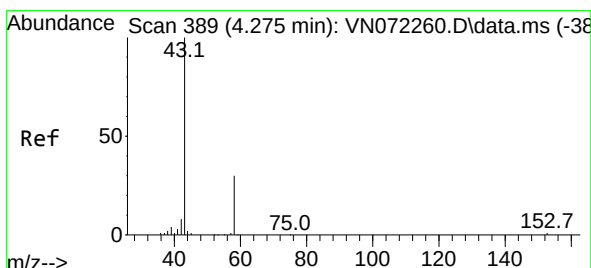
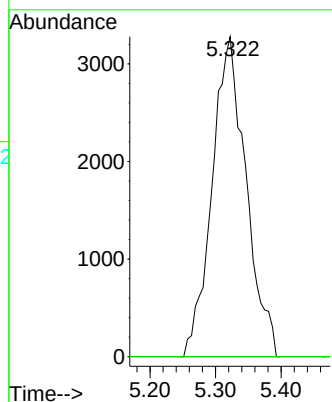
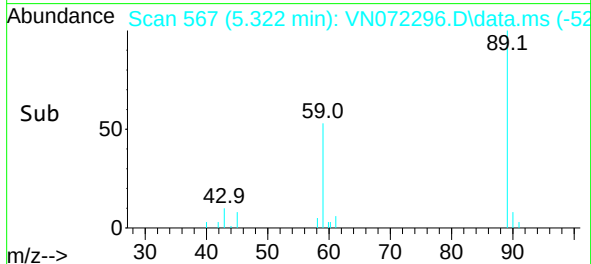


#11
Tert butyl alcohol
Concen: 24.806 ug/l
RT: 5.322 min Scan# 50
Delta R.T. -0.041 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

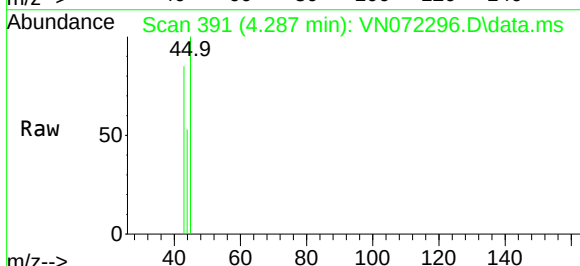
Instrument :
MSVOA_N
ClientSampleId :



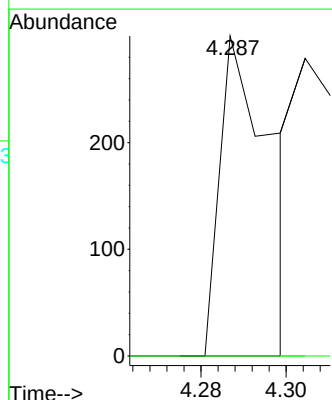
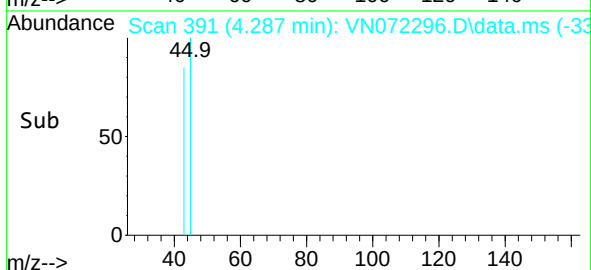
Tgt Ion: 59 Resp: 11809
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

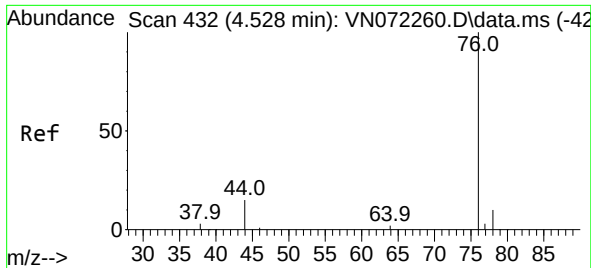


#16
Acetone
Concen: 0.202 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11



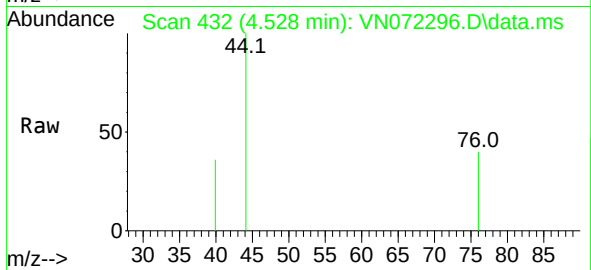
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



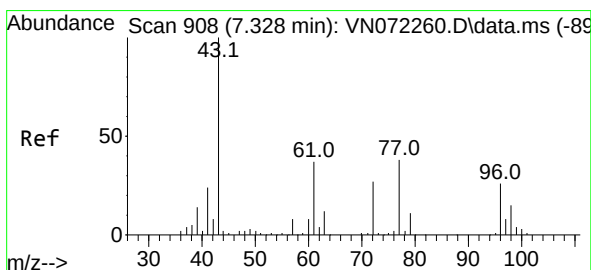
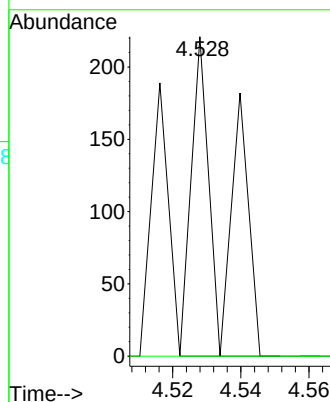
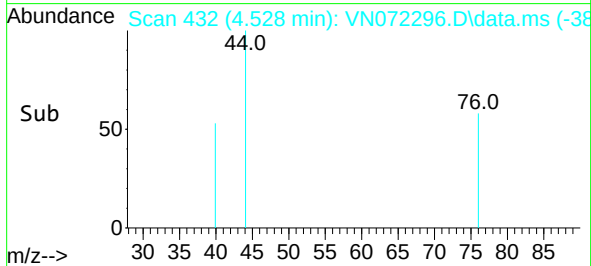


#17
Carbon Disulfide
Concen: 0.396 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :

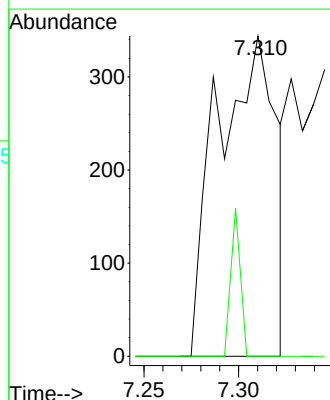
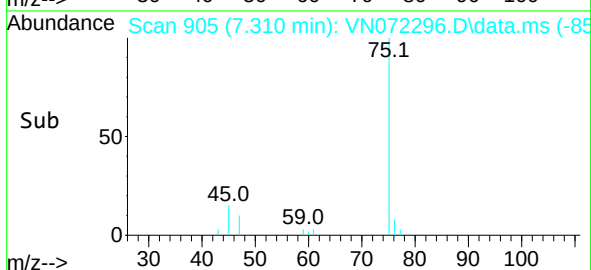
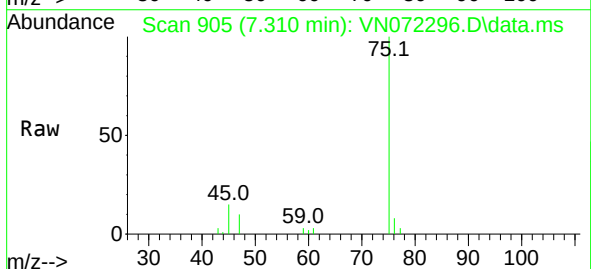


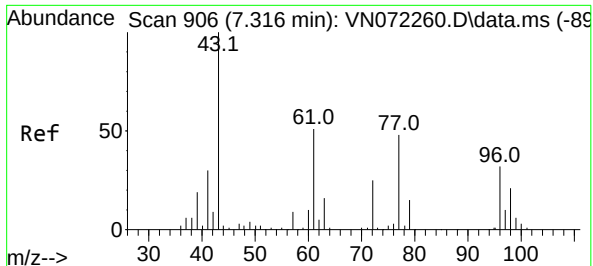
Tgt Ion: 76 Resp: 142
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.372 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.018 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Tgt Ion: 43 Resp: 739
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.414 ug/l

RT: 7.298 min Scan# 906

Delta R.T. -0.024 min

Lab File: VN072296.D

Acq: 02 May 2022 15:11

Instrument :

MSVOA_N

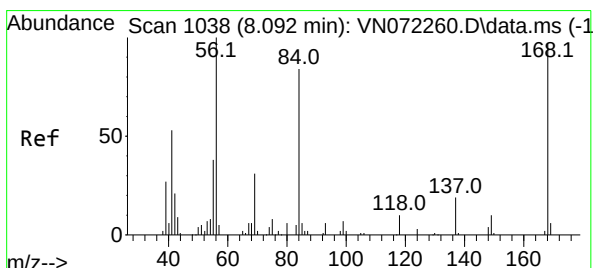
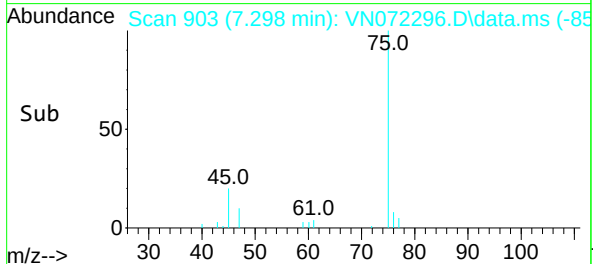
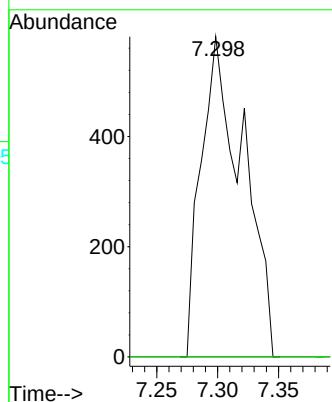
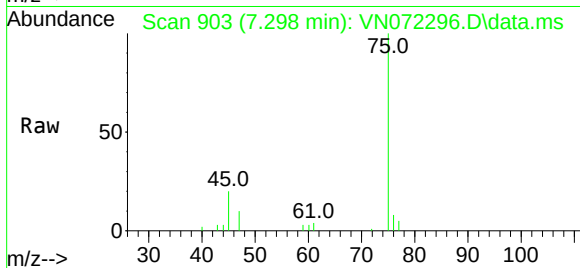
ClientSampleId :

Tgt Ion: 77 Resp: 1394

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072296.D

Acq: 02 May 2022 15:11

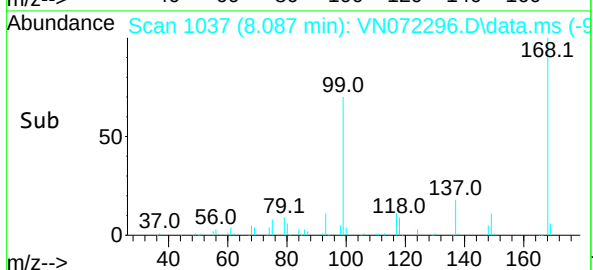
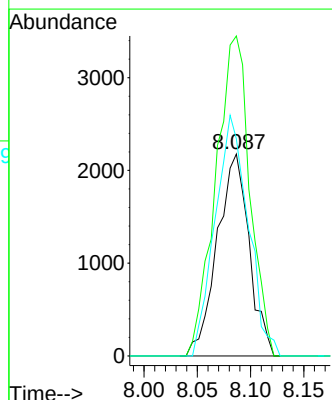
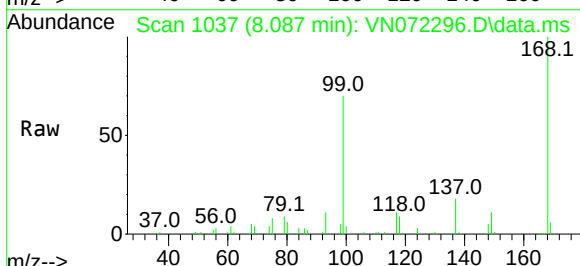
Tgt Ion: 56 Resp: 4539

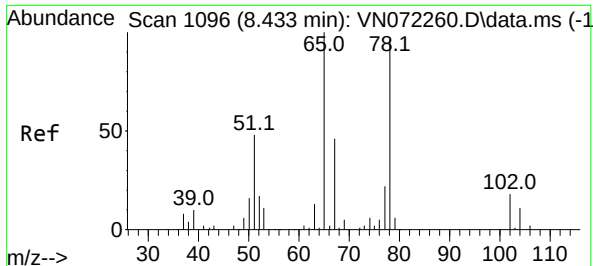
Ion Ratio Lower Upper

56 100

69 158.5 27.8 41.8#

84 107.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 61.946 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072296.D

Acq: 02 May 2022 15:11

Instrument :

MSVOA_N

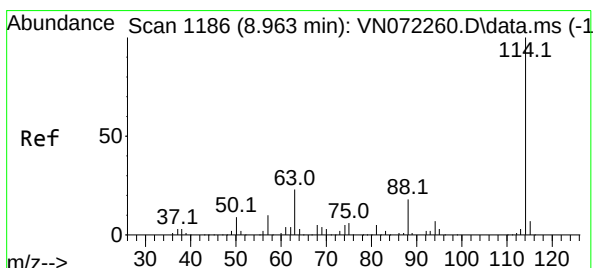
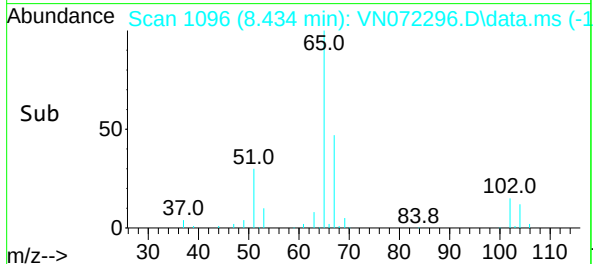
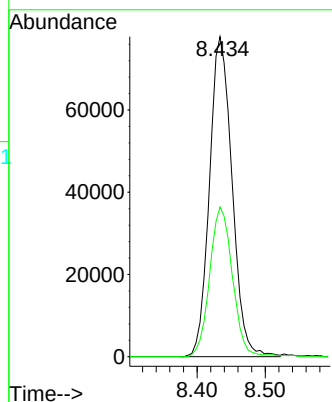
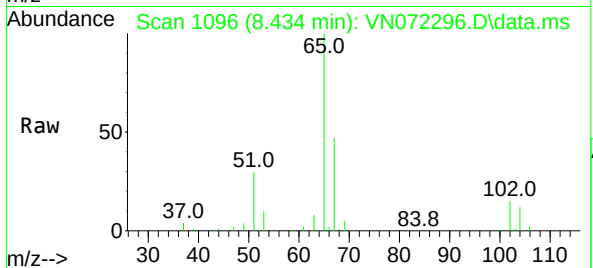
ClientSampleId :

Tgt Ion: 65 Resp: 179451

Ion Ratio Lower Upper

65 100

67 47.1 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: VN072296.D

Acq: 02 May 2022 15:11

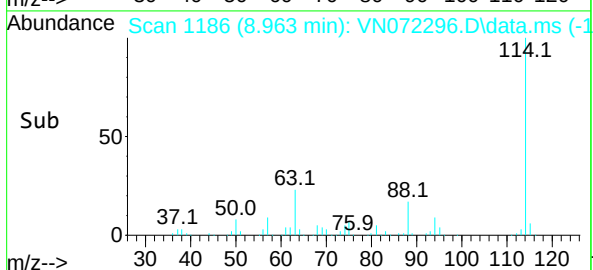
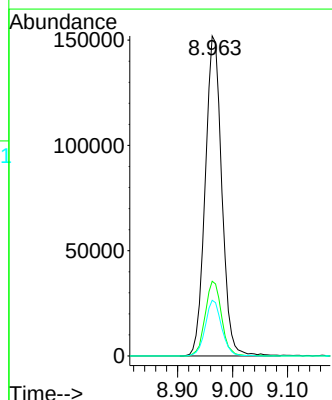
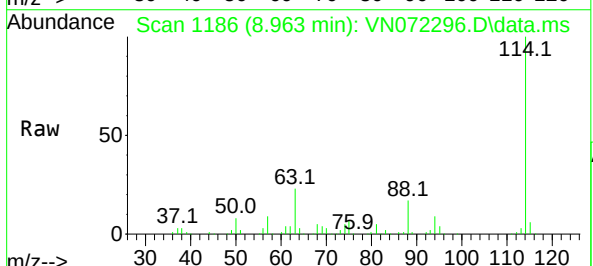
Tgt Ion: 114 Resp: 318826

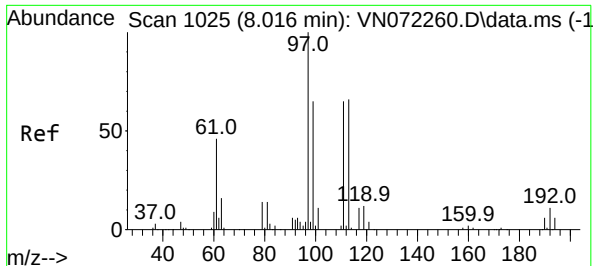
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 17.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.080 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072296.D

Acq: 02 May 2022 15:11

Instrument :

MSVOA_N

ClientSampleId :

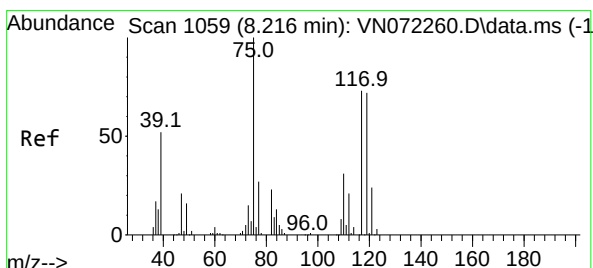
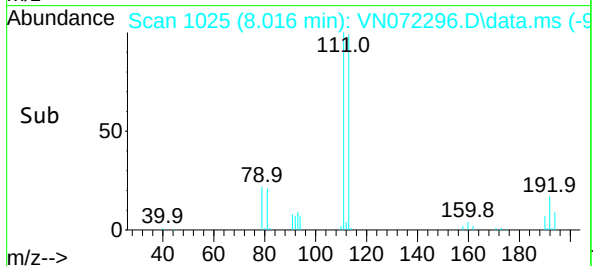
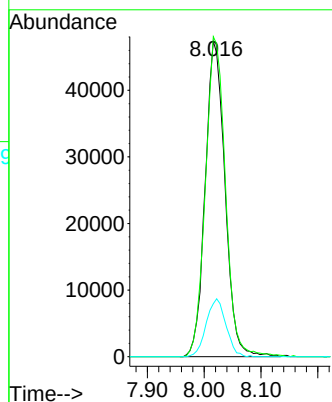
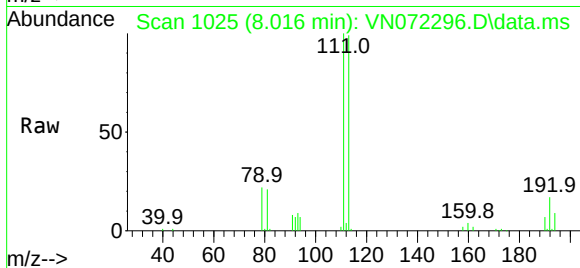
Tgt Ion:113 Resp: 114440

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.668 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072296.D

Acq: 02 May 2022 15:11

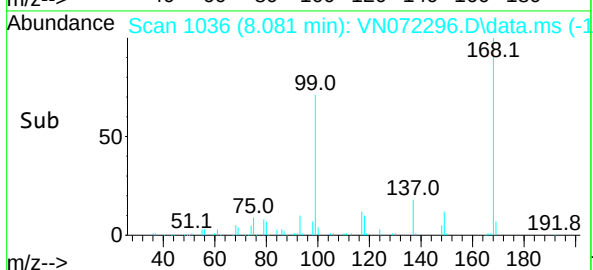
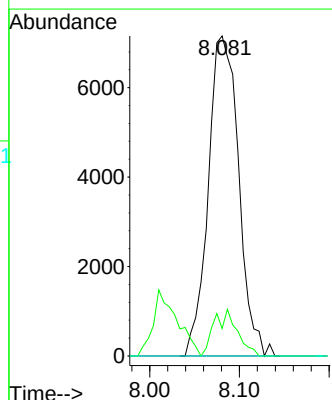
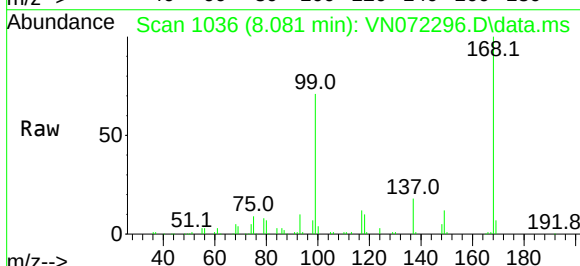
Tgt Ion: 75 Resp: 16837

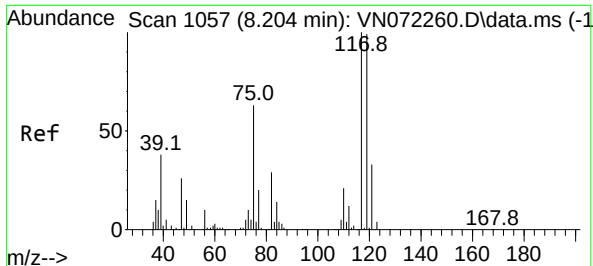
Ion Ratio Lower Upper

75 100

110 5.0 18.3 54.8#

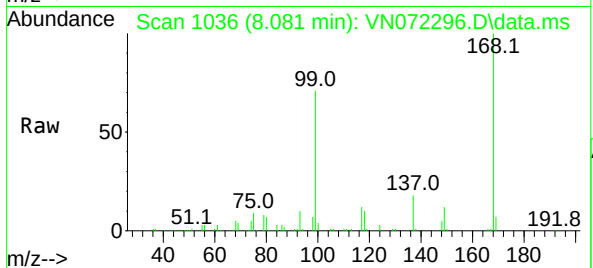
77 0.0 25.1 37.7#



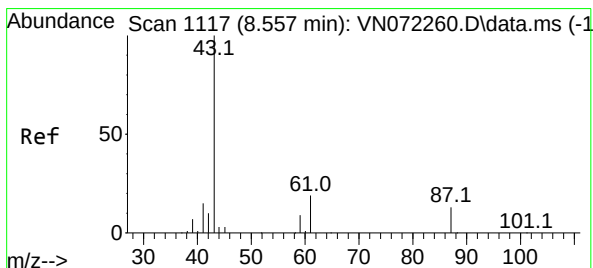
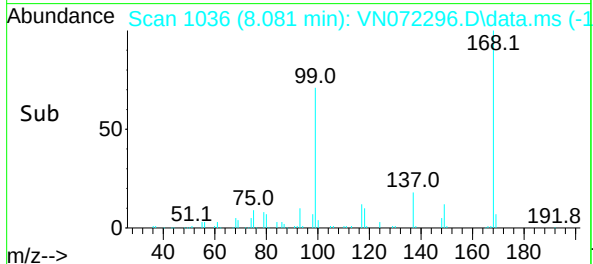
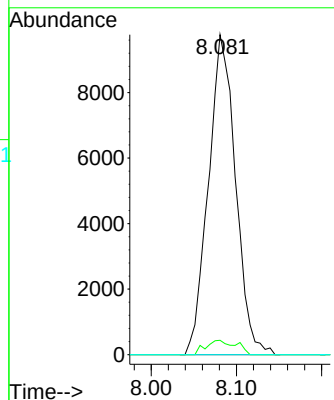


#38
Carbon Tetrachloride
Concen: 6.811 ug/l
RT: 8.081 min Scan# 1104
Delta R.T. -0.123 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :

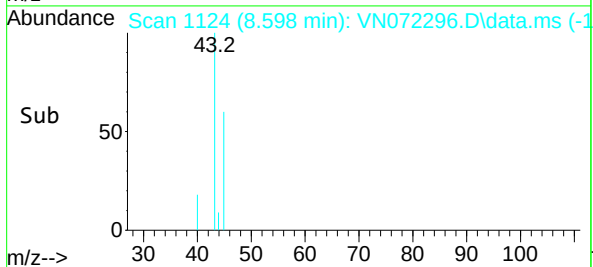
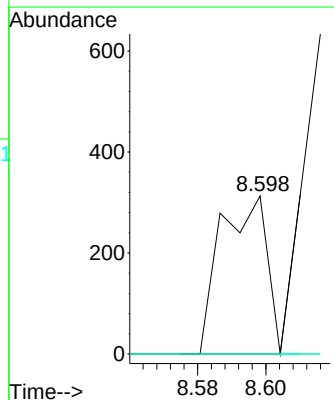
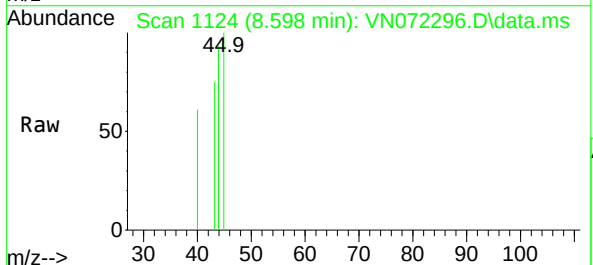


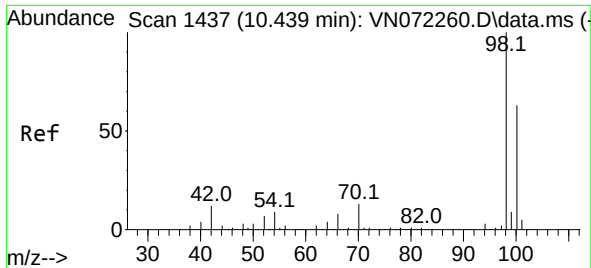
Tgt Ion:117 Resp: 21668
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.848 ug/l
RT: 8.598 min Scan# 1124
Delta R.T. 0.041 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

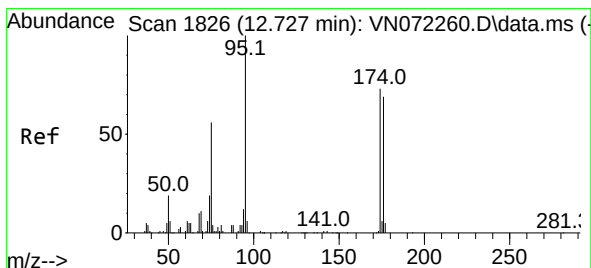
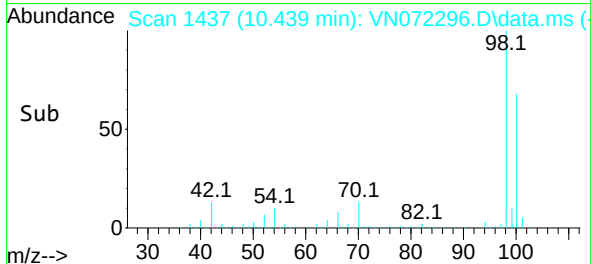
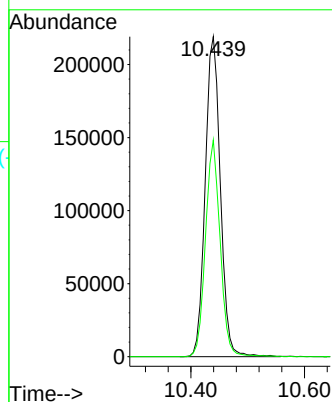
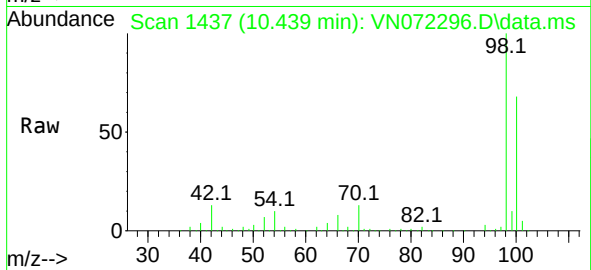




#50
Toluene-d8
Concen: 50.410 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

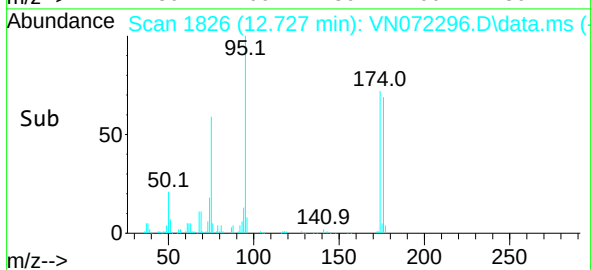
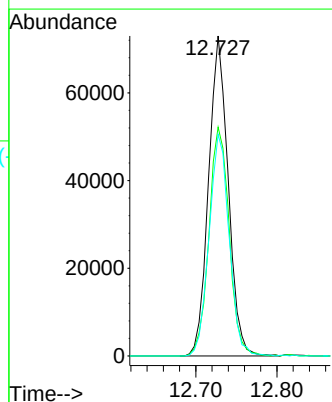
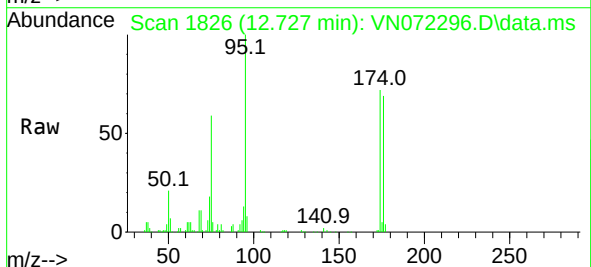
Instrument :
MSVOA_N
ClientSampleId :

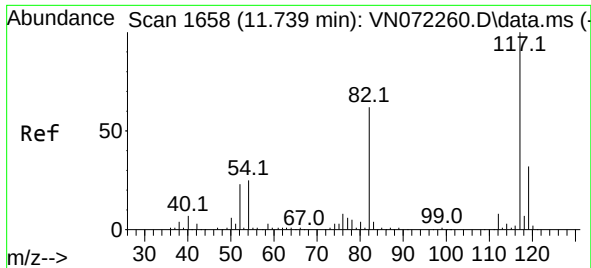
Tgt Ion: 98 Resp: 404218
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.933 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Tgt Ion: 95 Resp: 122251
Ion Ratio Lower Upper
95 100
174 73.8 0.0 167.6
176 70.9 0.0 163.4

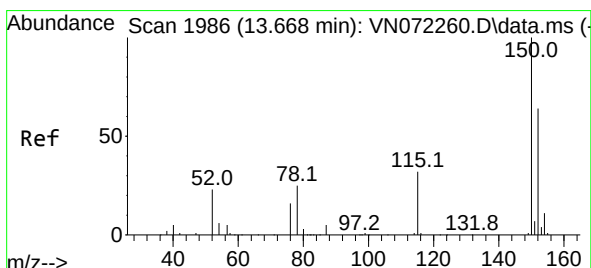
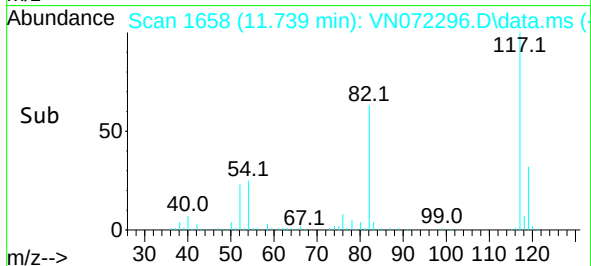
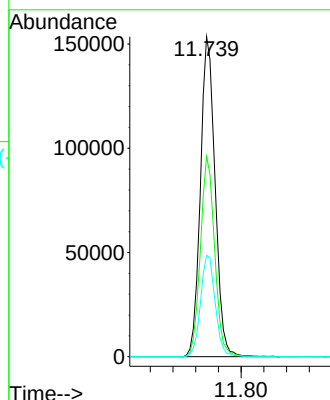
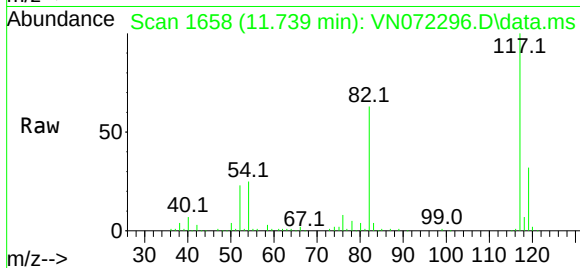




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

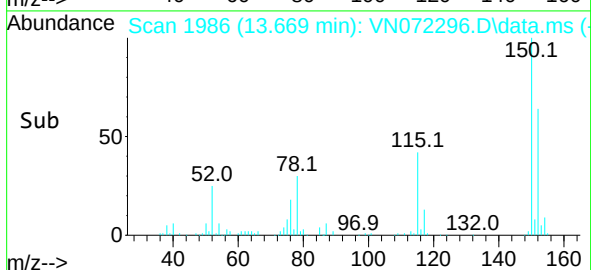
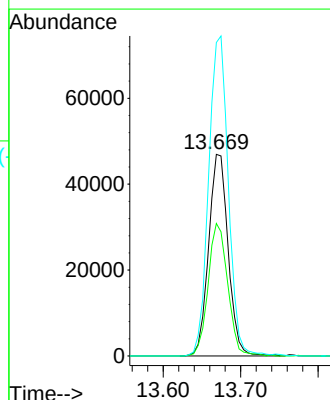
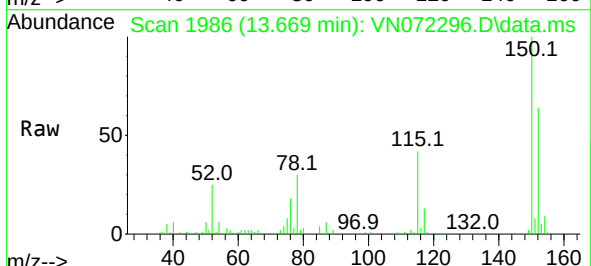
Instrument :
MSVOA_N
ClientSampleId :

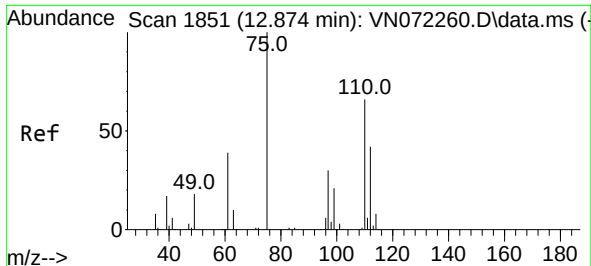
Tgt Ion:117 Resp: 275555
Ion Ratio Lower Upper
117 100
82 62.6 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Tgt Ion:152 Resp: 82277
Ion Ratio Lower Upper
152 100
115 65.8 28.9 86.7
150 160.2 0.0 356.2

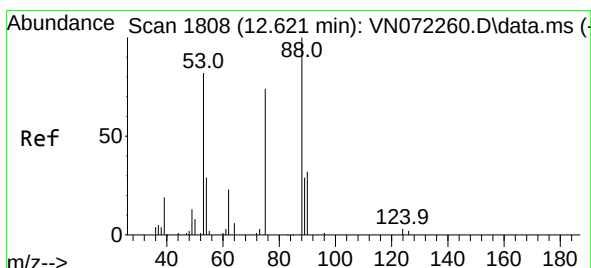
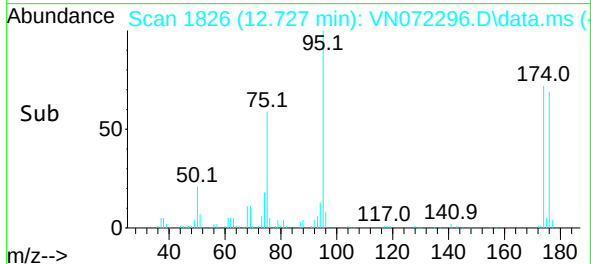
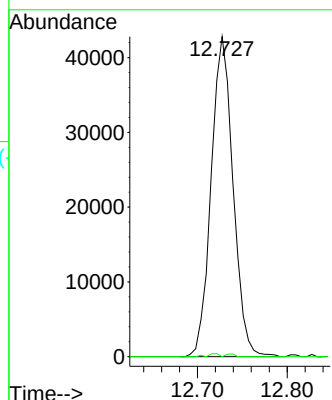
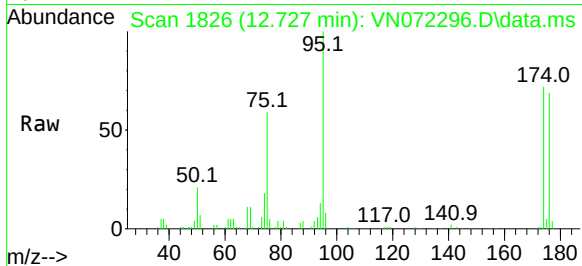




#76
1,2,3-Trichloropropane
Concen: 38.945 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

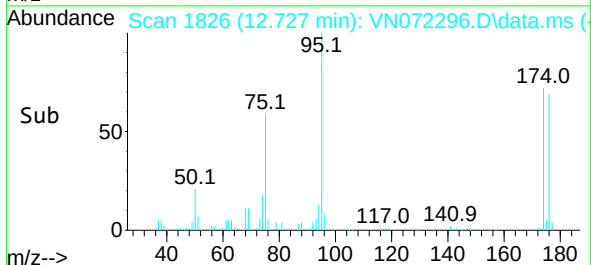
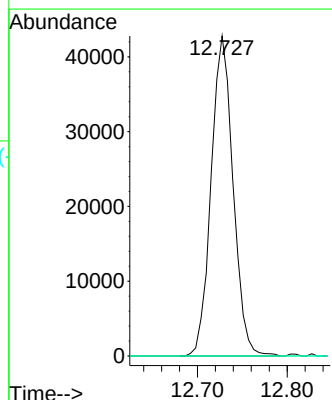
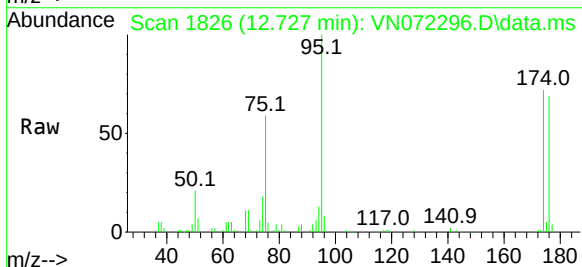
Instrument :
MSVOA_N
ClientSampleId :

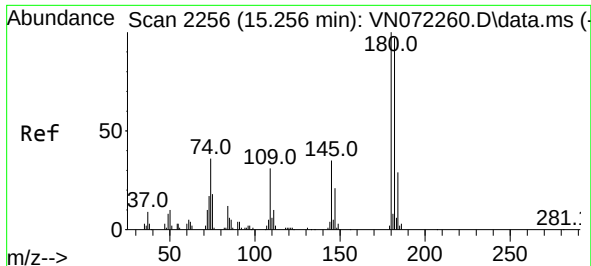
Tgt Ion: 75 Resp: 72707
Ion Ratio Lower Upper
75 100
77 0.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.177 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

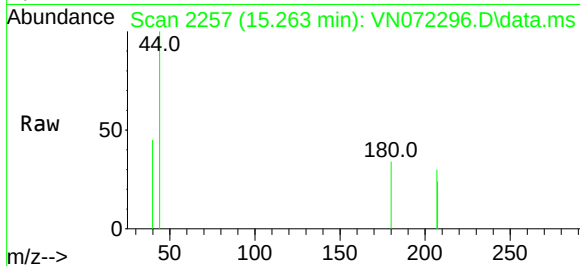
Tgt Ion: 75 Resp: 72707
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



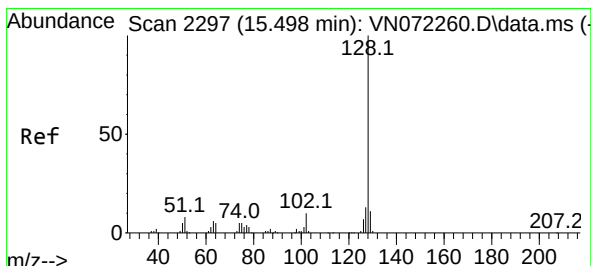
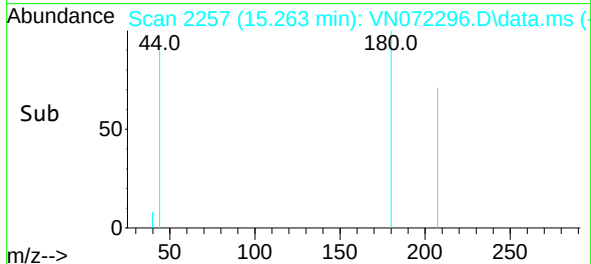
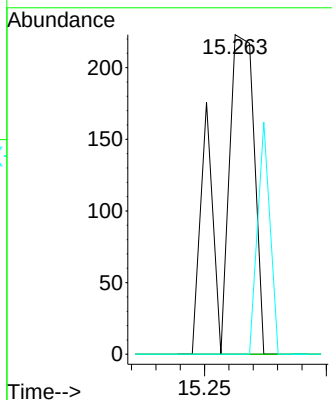


#93
1,2,4-Trichlorobenzene
Concen: 2.583 ug/l
RT: 15.263 min Scan# 217
Delta R.T. 0.006 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

Instrument :
MSVOA_N
ClientSampleId :

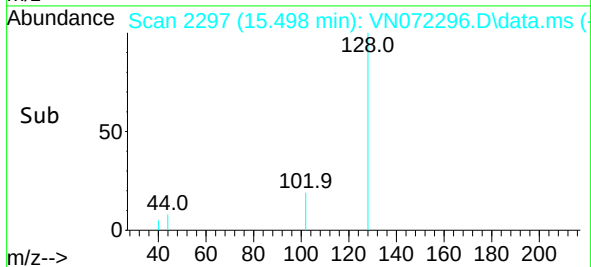
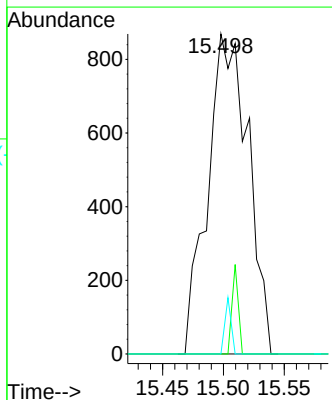
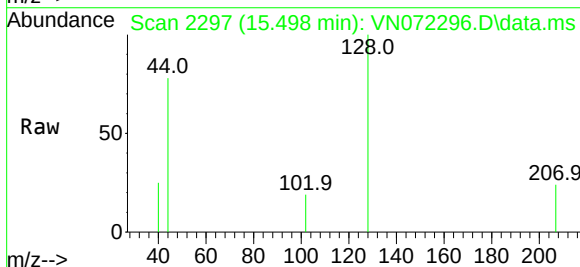


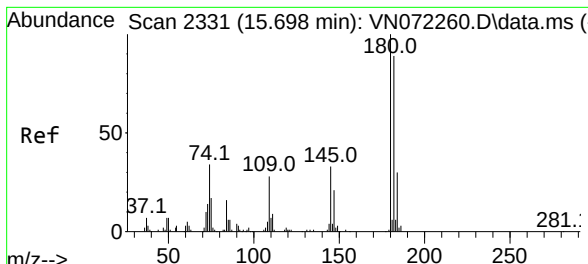
Tgt Ion:180 Resp: 217
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 26.3 14.5 43.5



#95
Naphthalene
Concen: 4.732 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072296.D
Acq: 02 May 2022 15:11

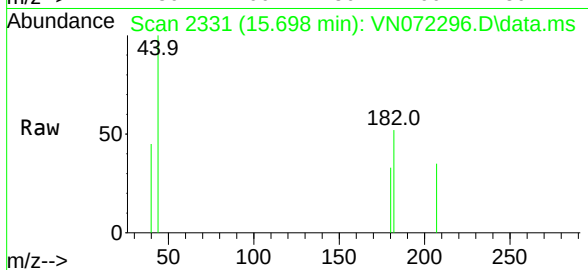
Tgt Ion:128 Resp: 2016
Ion Ratio Lower Upper
128 100
127 4.3 10.3 15.5#
129 2.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.770 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072296.D
 Acq: 02 May 2022 15:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	403.9	47.8	143.3#
145	0.0	15.5	46.5#

