

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072726.D
 Acq On : 09 Jun 2022 13:25
 Operator : JC\MD
 Sample : N3215-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48964

Quant Time: Jun 09 15:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

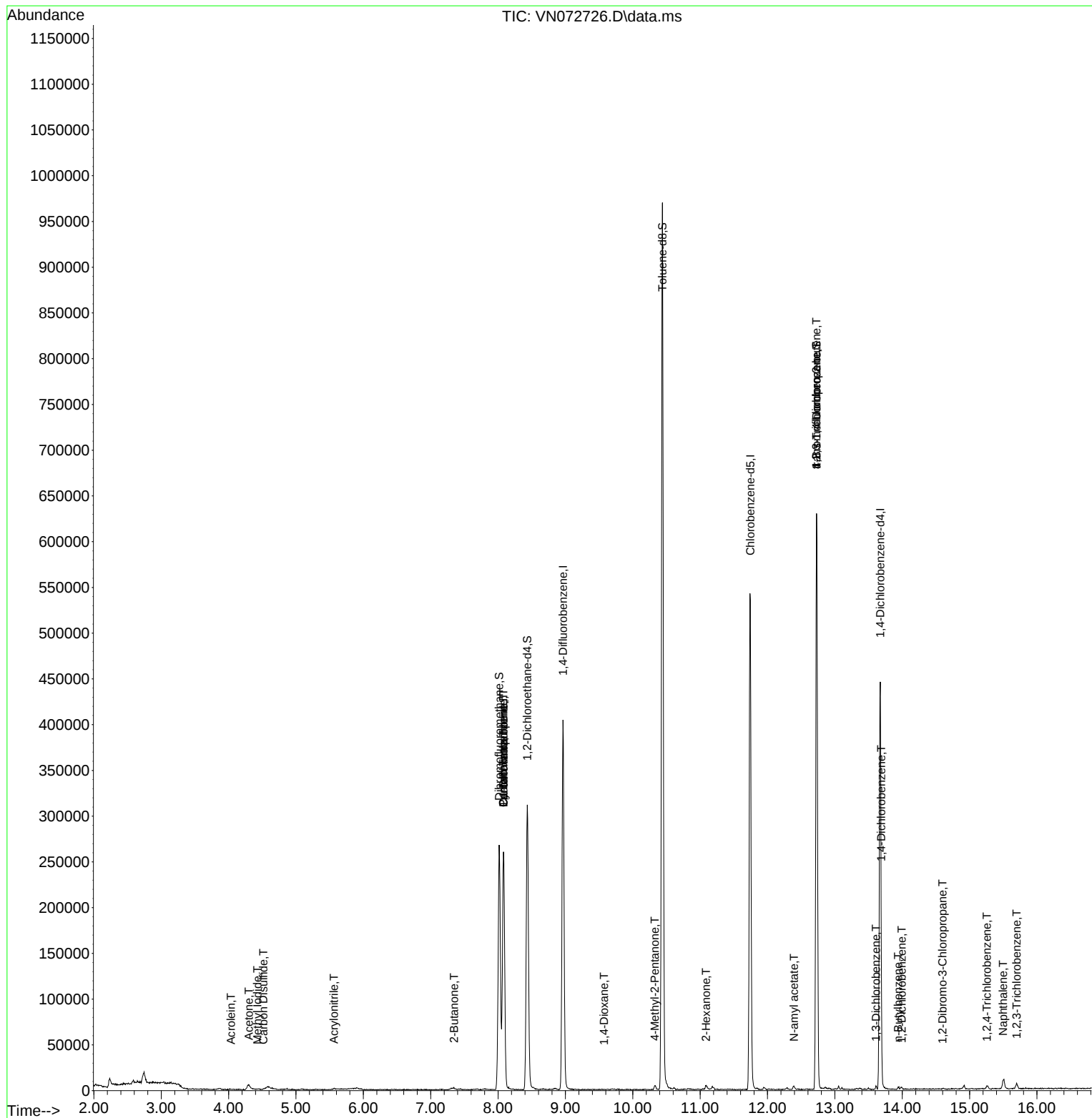
Internal Standards						
1) Pentafluorobenzene	8.080	168	171013	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	324481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	292334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	108837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	265433	57.830	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 115.660%		
35) Dibromofluoromethane	8.016	113	185724	57.846	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 115.700%		
50) Toluene-d8	10.439	98	639110	49.892	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 99.780%		
62) 4-Bromofluorobenzene	12.727	95	222029	50.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 101.020%		
Target Compounds						Qvalue
5) Bromomethane	2.822	94	53	Below Cal	#	2
6) Chloroethane	3.022	64	1194	Below Cal	#	42
10) Methyl Iodide	4.428	142	590	0.239	ug/l #	44
13) Acrolein	4.034	56	552	1.221	ug/l #	48
15) Acrylonitrile	5.563	53	851	0.367	ug/l #	66
16) Acetone	4.298	43	10591	4.816	ug/l #	82
17) Carbon Disulfide	4.516	76	754	0.414	ug/l #	75
20) Methylene Chloride	5.087	84	383	Below Cal	#	31
25) 2-Butanone	7.345	43	3116	0.881	ug/l #	74
31) Cyclohexane	8.080	56	6323	0.599	ug/l #	52
36) 1,1-Dichloropropene	8.080	75	18129	4.068	ug/l #	50
38) Carbon Tetrachloride	8.080	117	21094	4.429	ug/l #	16
49) 1,4-Dioxane	9.574	88	62	0.665	ug/l #	25
51) 4-Methyl-2-Pentanone	10.327	43	3593	0.512	ug/l #	86
59) 2-Hexanone	11.086	43	5082	0.984	ug/l	74
74) N-amyl acetate	12.392	43	2709	0.499	ug/l #	80
76) 1,2,3-Trichloropropane	12.727	75	129223	36.794	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	129223	96.225	ug/l #	10
87) 1,3-Dichlorobenzene	13.610	146	853	0.218	ug/l #	80
88) 1,4-Dichlorobenzene	13.686	146	1374	0.359	ug/l #	1
89) n-Butylbenzene	13.939	91	1639	0.226	ug/l	95
91) 1,2-Dichlorobenzene	13.992	146	958	0.250	ug/l	84
92) 1,2-Dibromo-3-Chloropr...	14.598	75	293	0.299	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.256	180	910	0.494	ug/l #	29
95) Naphthalene	15.498	128	11286	1.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	2430	1.324	ug/l	86

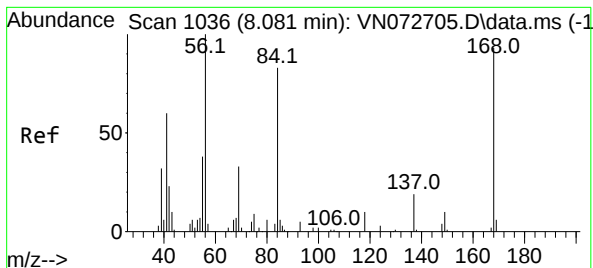
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
Data File : VN072726.D
Acq On : 09 Jun 2022 13:25
Operator : JC\MD
Sample : N3215-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
N48964

Quant Time: Jun 09 15:49:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

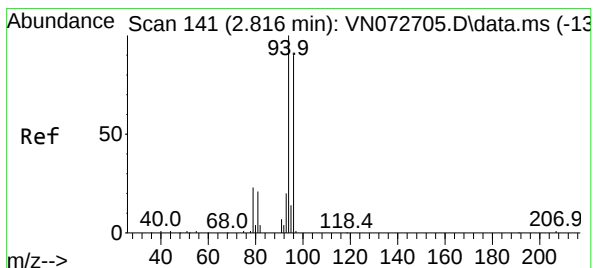
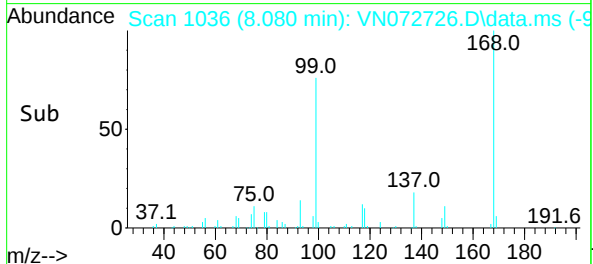
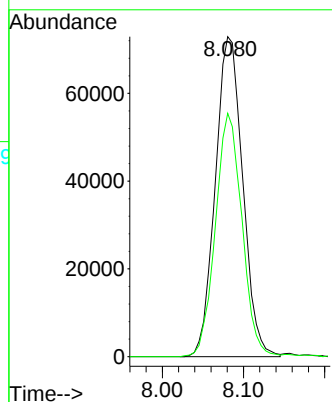
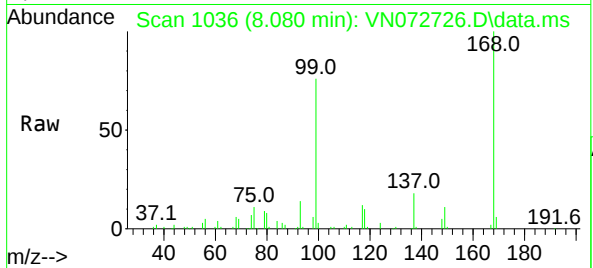




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

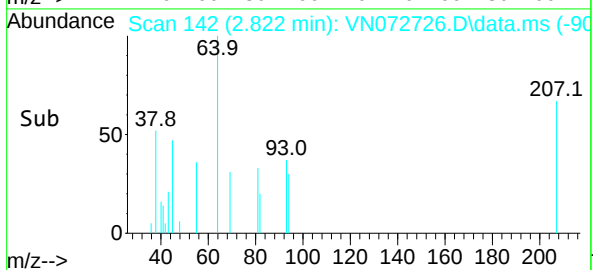
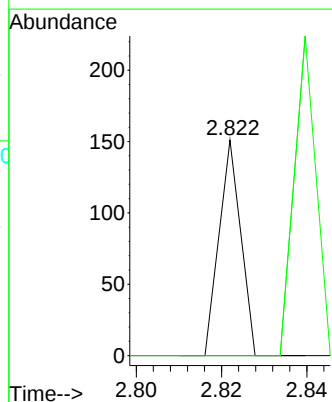
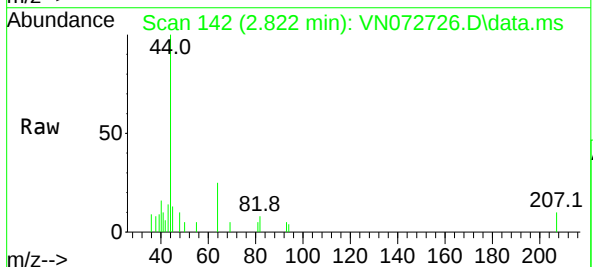
Instrument :
MSVOA_N
ClientSampleId :
N48964

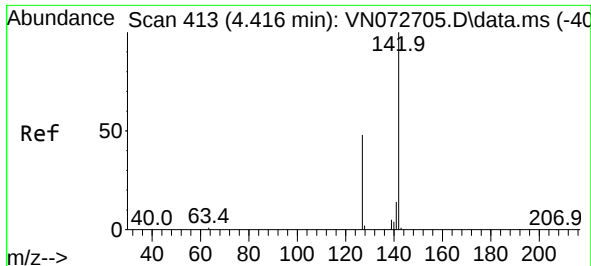
Tgt Ion:168 Resp: 171013
Ion Ratio Lower Upper
168 100
99 76.1 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.822 min Scan# 142
Delta R.T. 0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

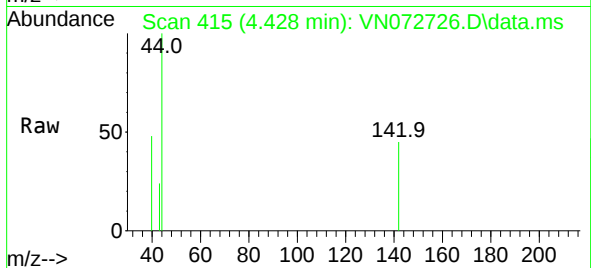
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



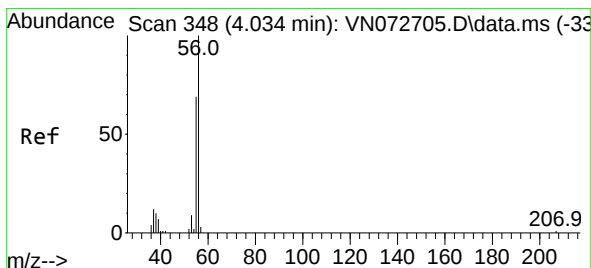
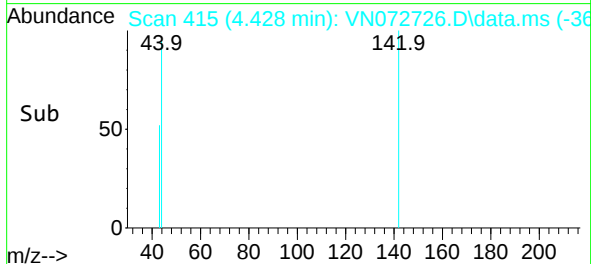
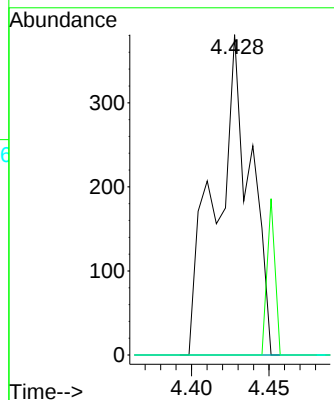


#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 4.428 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
N48964

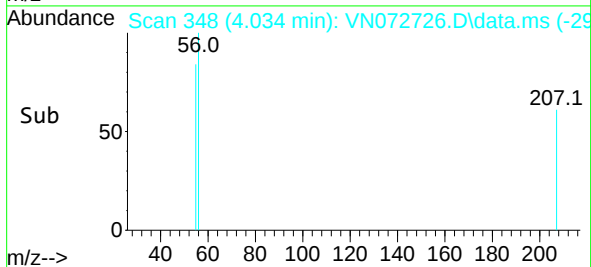
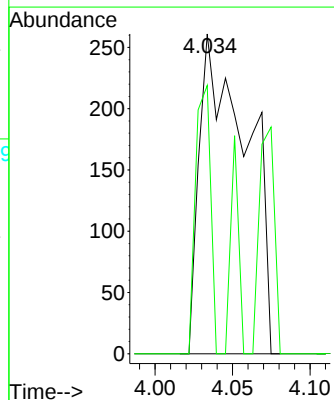
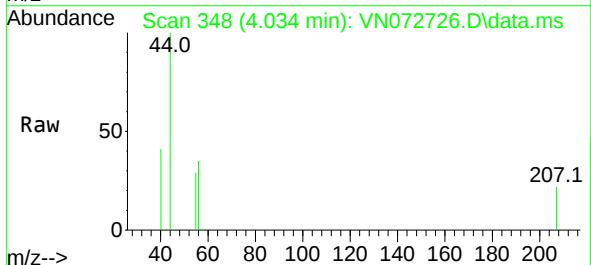


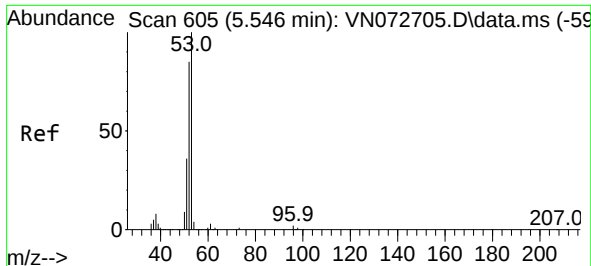
Tgt Ion:142 Resp: 590
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 1.221 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 56 Resp: 552
Ion Ratio Lower Upper
56 100
55 26.6 54.8 82.2#

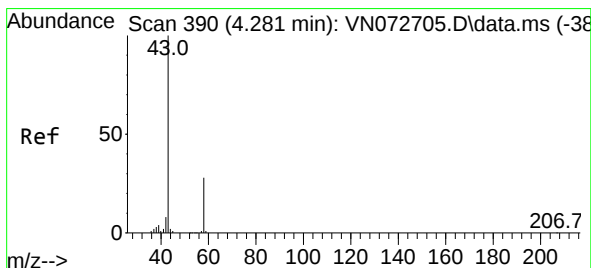
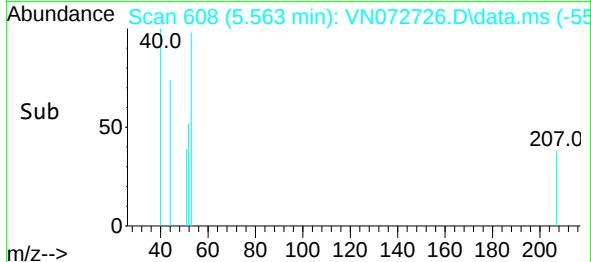
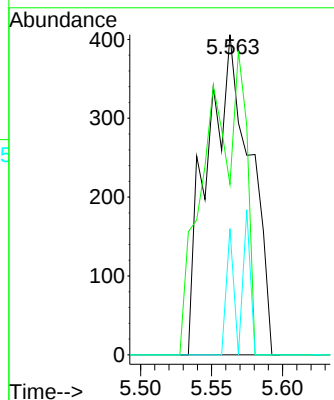
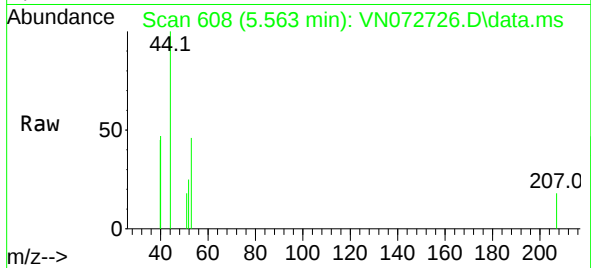




#15
Acrylonitrile
Concen: 0.367 ug/l
RT: 5.563 min Scan# 605
Delta R.T. 0.017 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

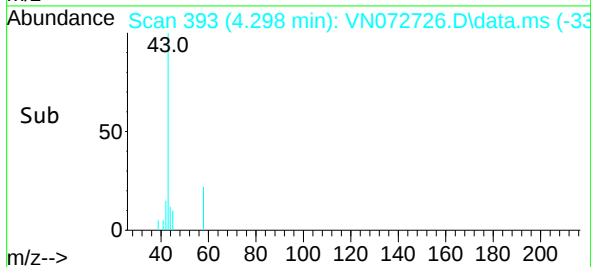
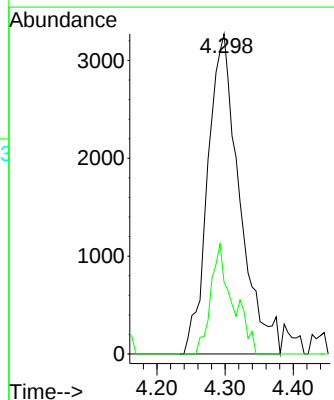
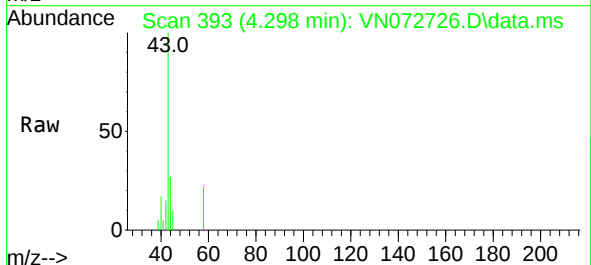
Instrument :
MSVOA_N
ClientSampleId :
N48964

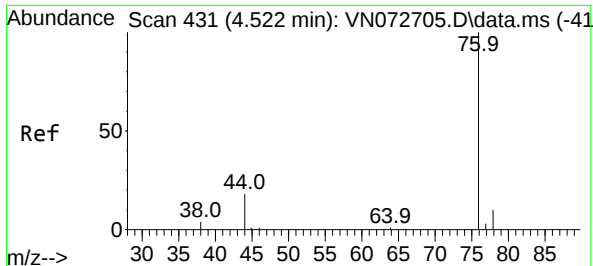
Tgt Ion: 53 Resp: 851
Ion Ratio Lower Upper
53 100
52 58.4 66.4 99.6#
51 6.6 28.5 42.7#



#16
Acetone
Concen: 4.816 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 43 Resp: 10591
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#

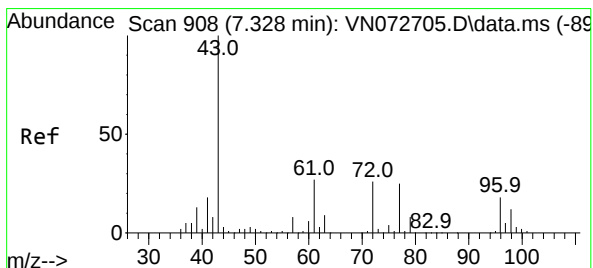
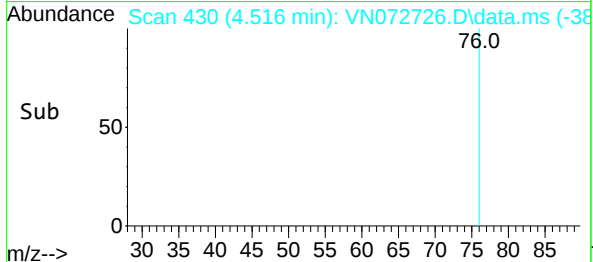
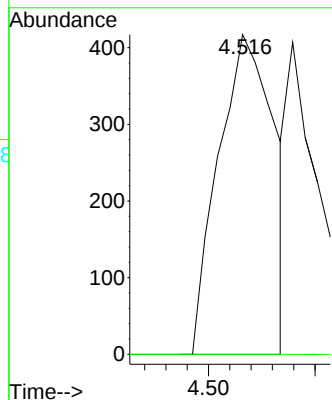
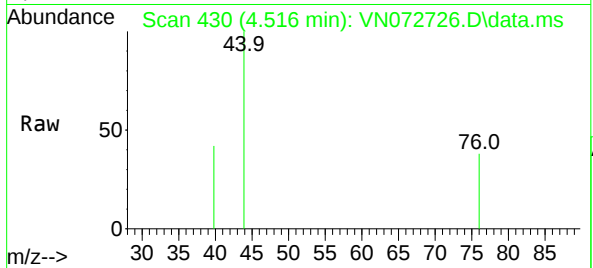




#17
Carbon Disulfide
Concen: 0.414 ug/l
RT: 4.516 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

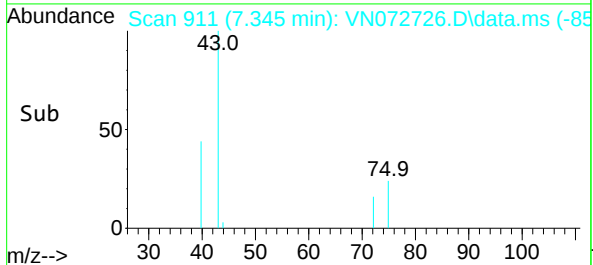
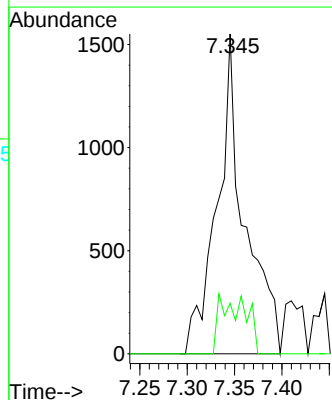
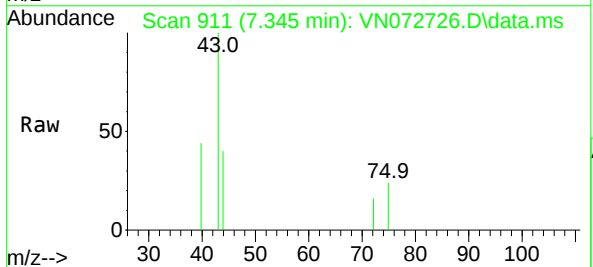
Instrument :
MSVOA_N
ClientSampleId :
N48964

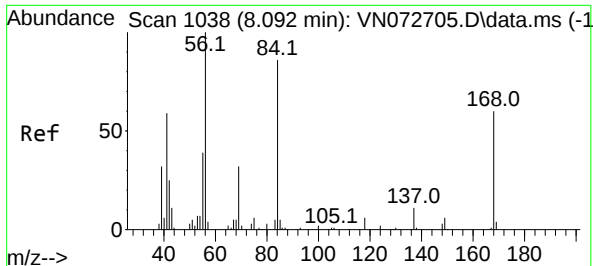
Tgt Ion: 76 Resp: 754
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 0.881 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 43 Resp: 3116
Ion Ratio Lower Upper
43 100
72 15.8 23.7 35.5#

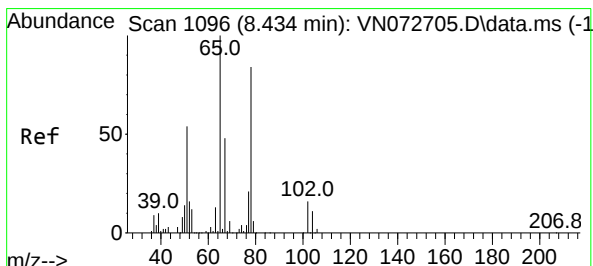
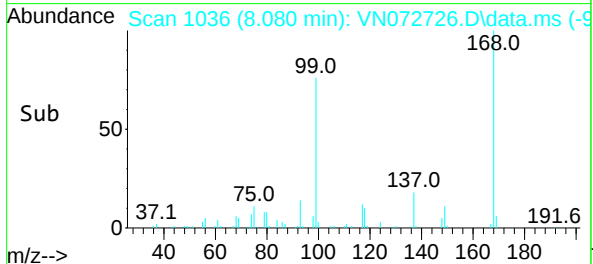
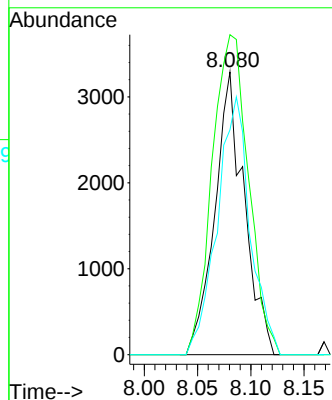
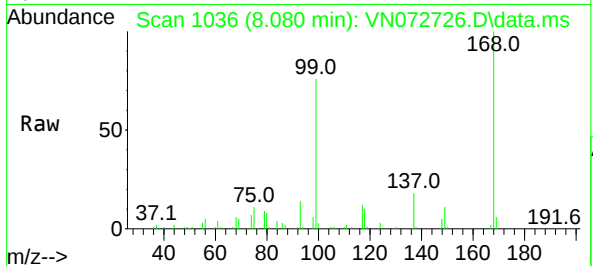




#31
Cyclohexane
Concen: 0.599 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

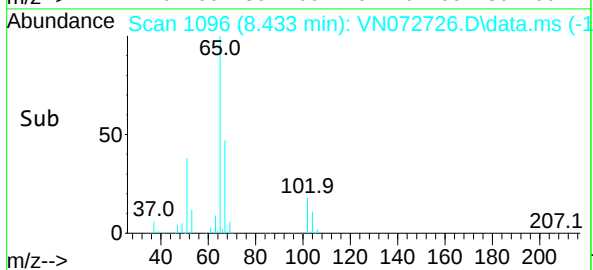
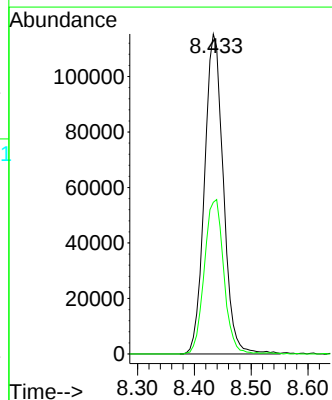
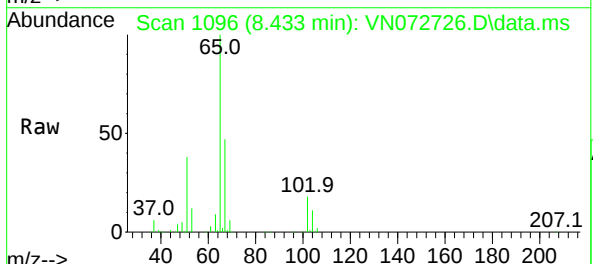
Instrument :
MSVOA_N
ClientSampleId :
N48964

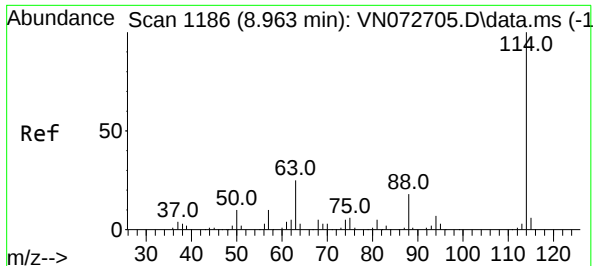
Tgt Ion: 56 Resp: 6323
Ion Ratio Lower Upper
56 100
69 113.2 27.8 41.8#
84 79.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 57.830 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 65 Resp: 265433
Ion Ratio Lower Upper
65 100
67 49.7 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: VN072726.D

Acq: 09 Jun 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48964

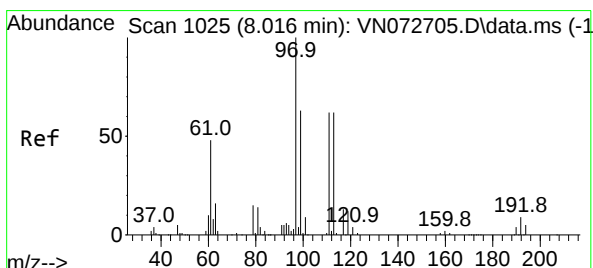
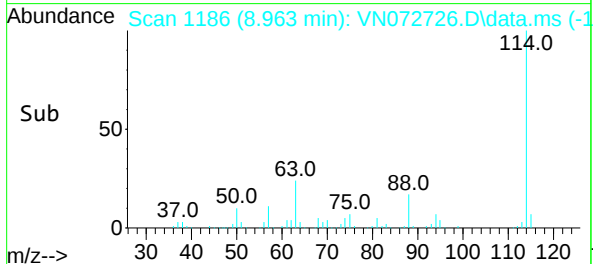
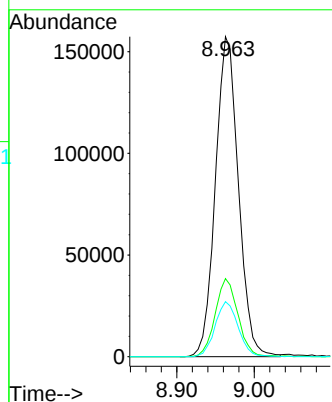
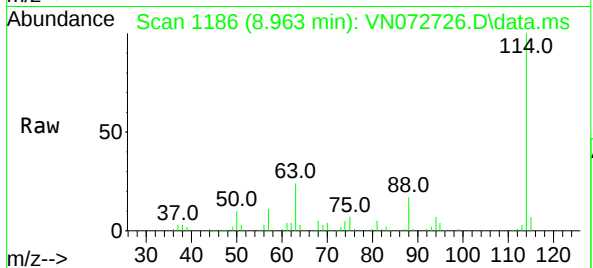
Tgt Ion:114 Resp: 324481

Ion Ratio Lower Upper

114 100

63 24.4 0.0 40.0

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.846 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

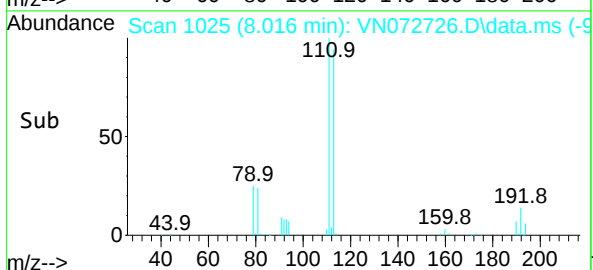
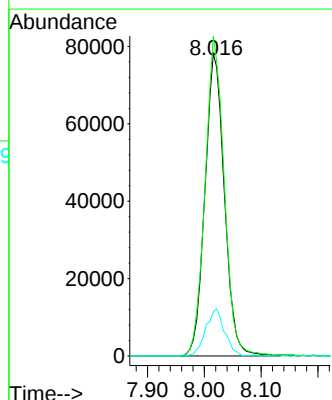
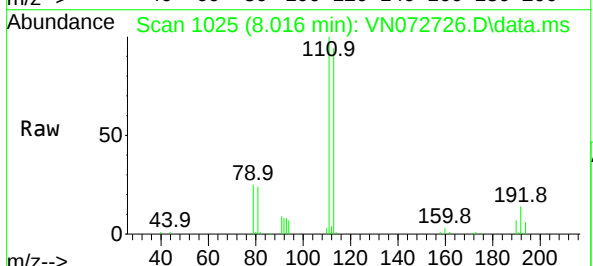
Tgt Ion:113 Resp: 185724

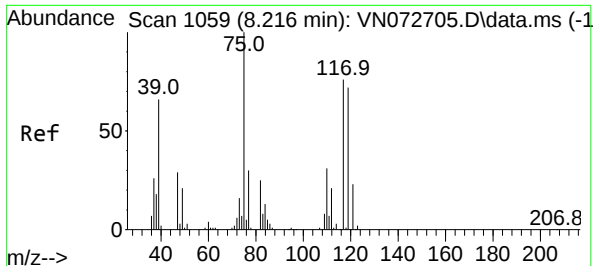
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 15.2 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.068 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48964

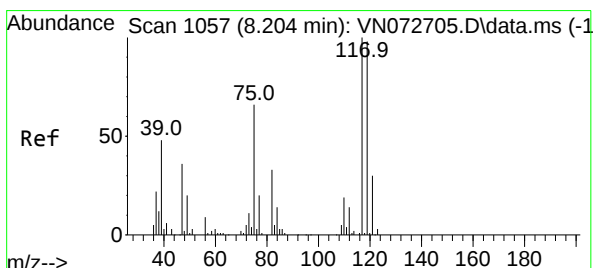
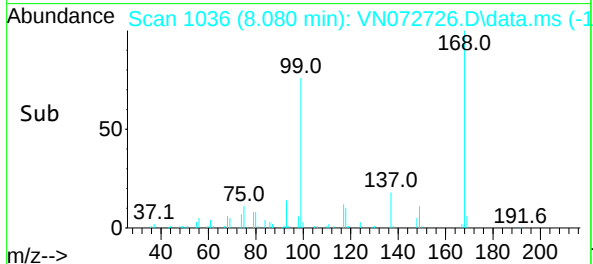
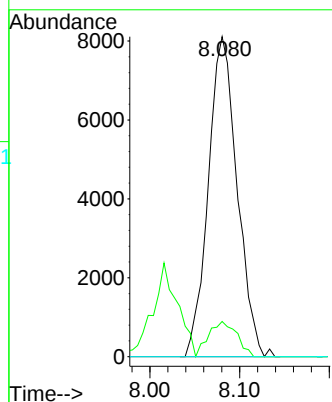
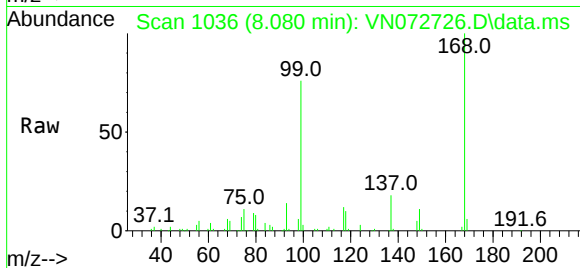
Tgt Ion: 75 Resp: 18129

Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.429 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

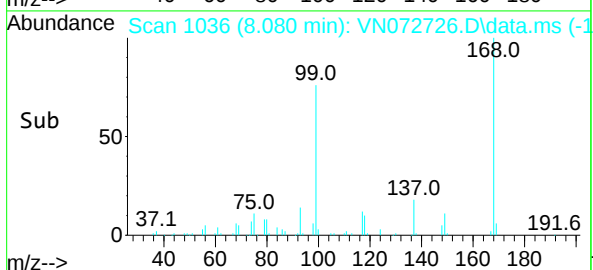
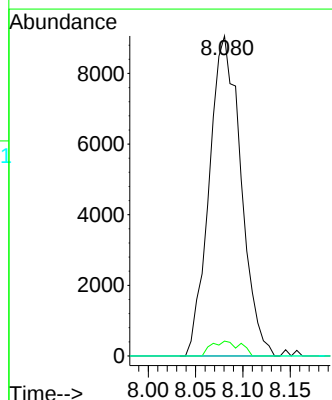
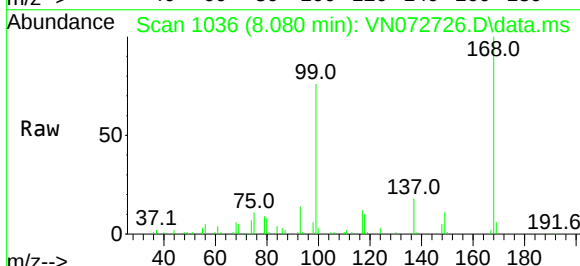
Tgt Ion: 117 Resp: 21094

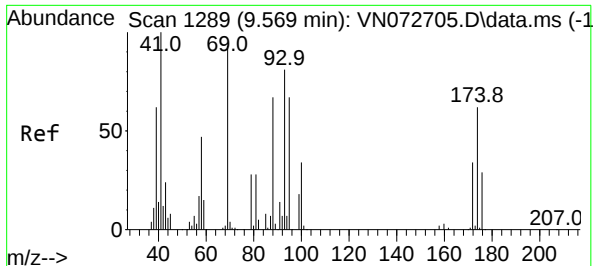
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#

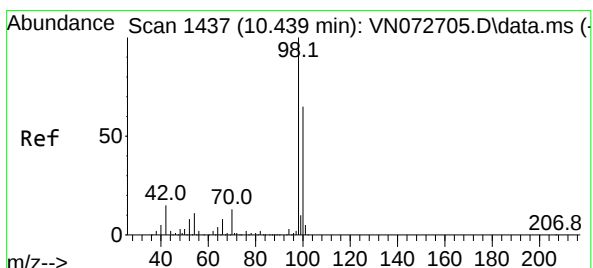
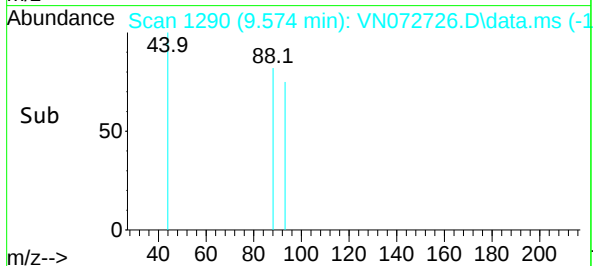
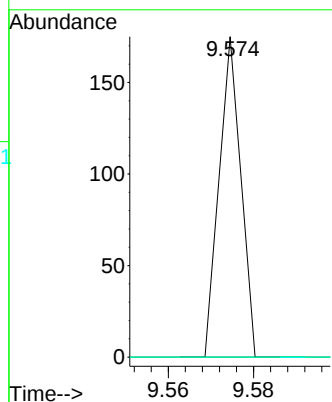
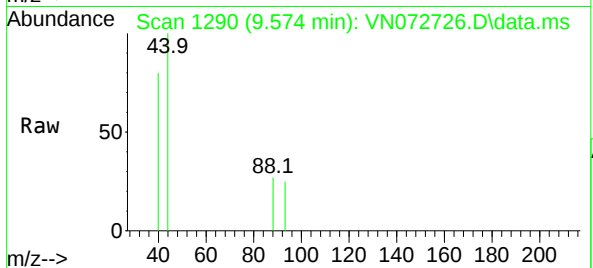




#49
1,4-Dioxane
Concen: 0.665 ug/l
RT: 9.574 min Scan# 1289
Delta R.T. 0.005 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

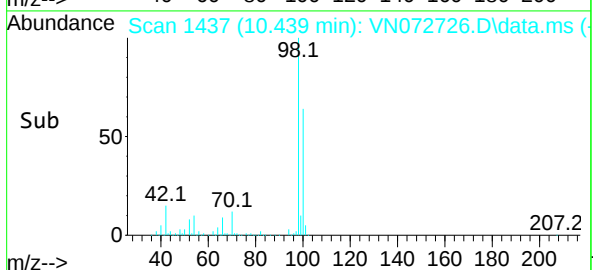
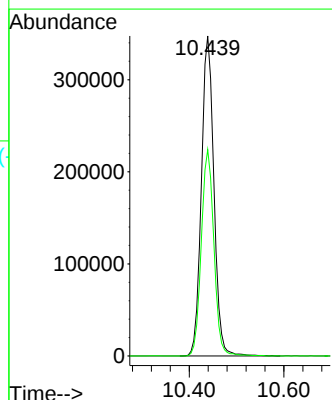
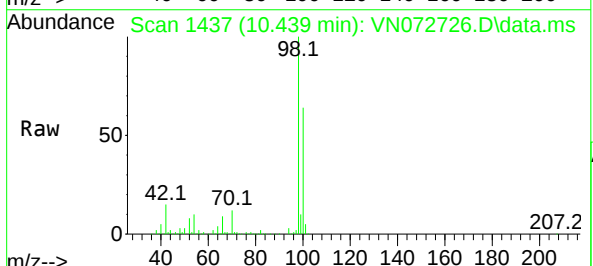
Instrument :
MSVOA_N
ClientSampleId :
N48964

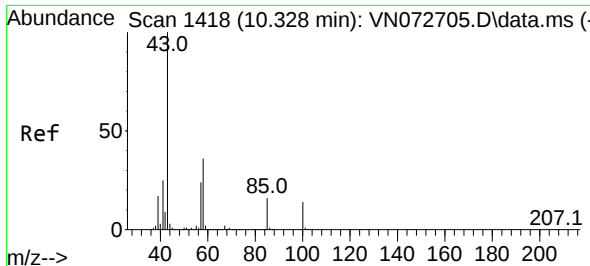
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 49.892 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

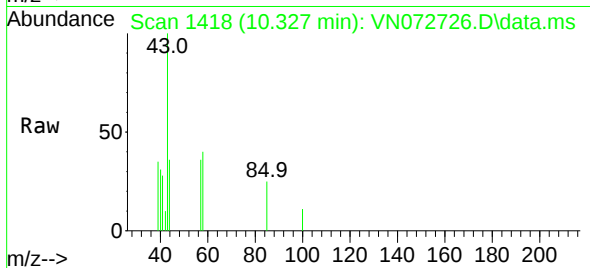
Tgt Ion: 98 Resp: 639110
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



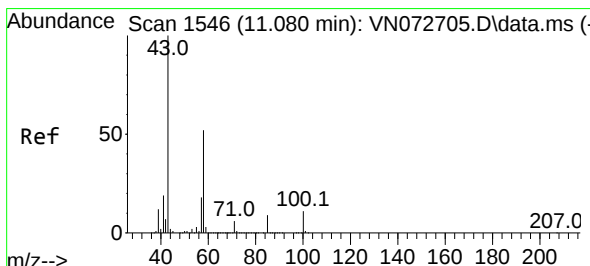
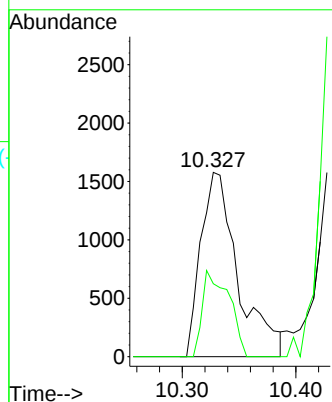
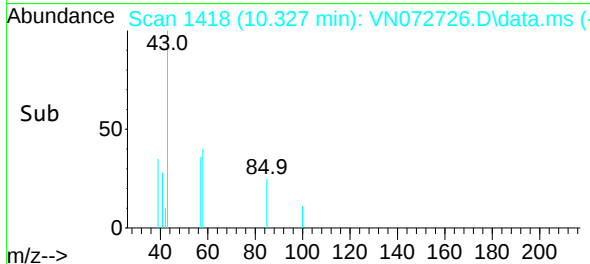


#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

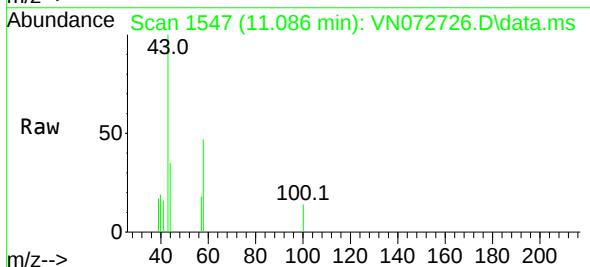
Instrument :
MSVOA_N
ClientSampleId :
N48964



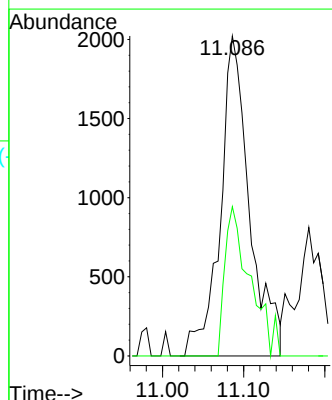
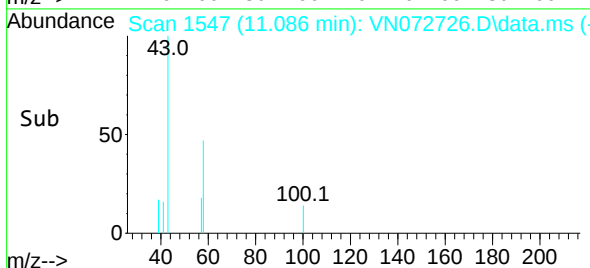
Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 33.4 34.1 51.1#

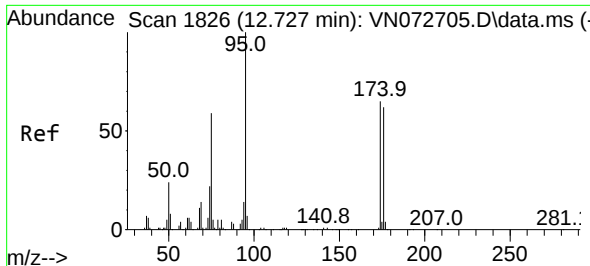


#59
2-Hexanone
Concen: 0.984 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25



Tgt Ion: 43 Resp: 5082
Ion Ratio Lower Upper
43 100
58 40.0 29.7 89.1

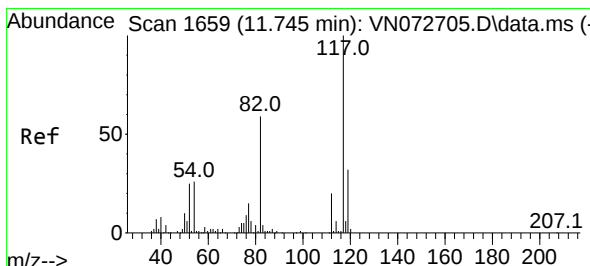
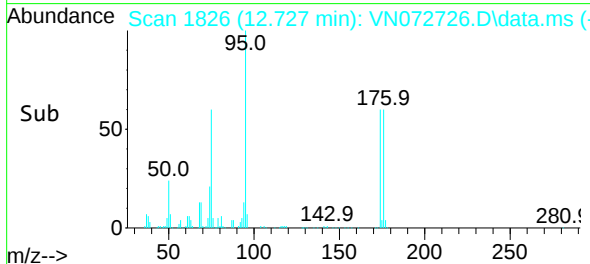
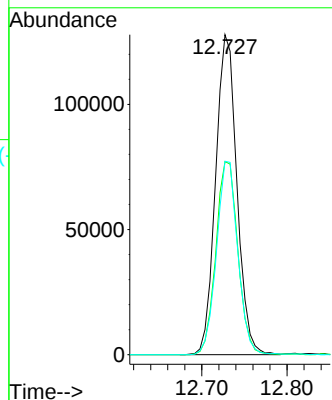
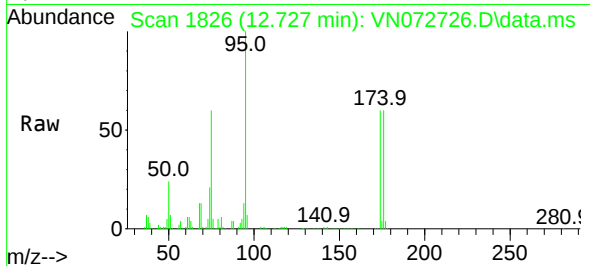




#62
4-Bromofluorobenzene
Concen: 50.510 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

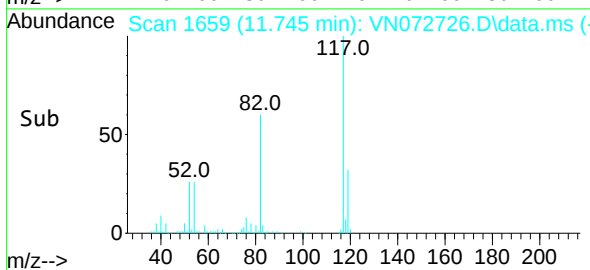
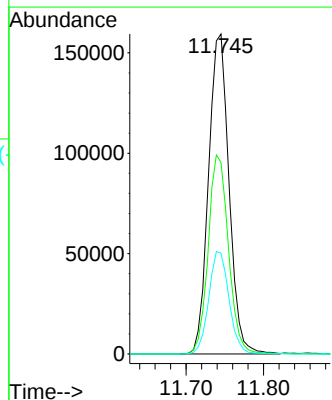
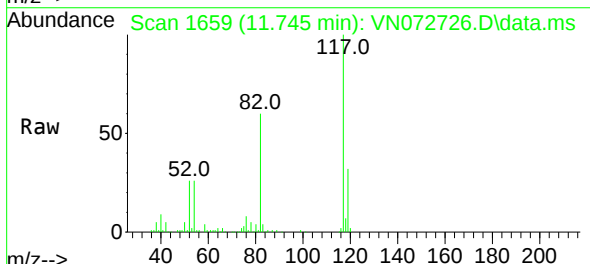
Instrument :
MSVOA_N
ClientSampleId :
N48964

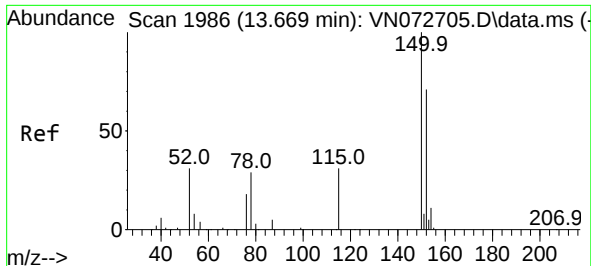
Tgt Ion: 95 Resp: 222029
Ion Ratio Lower Upper
95 100
174 62.2 0.0 167.6
176 60.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 117 Resp: 292334
Ion Ratio Lower Upper
117 100
82 59.8 44.2 66.2
119 31.5 25.4 38.0

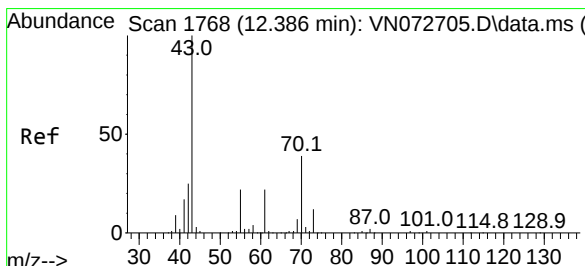
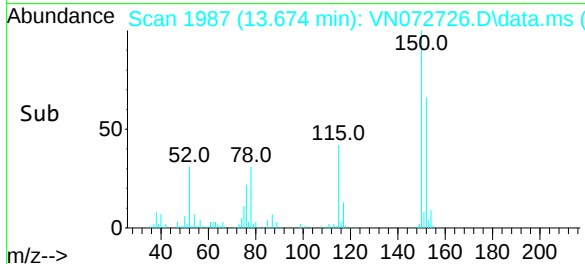
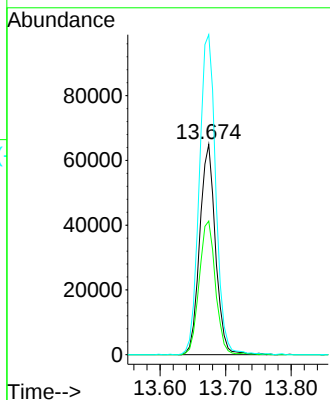
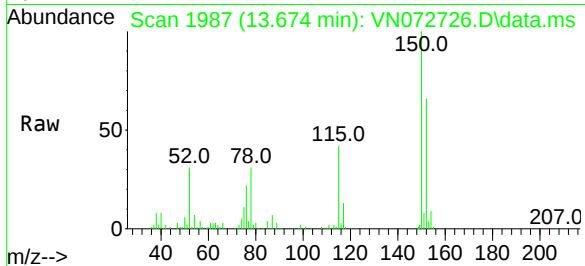




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

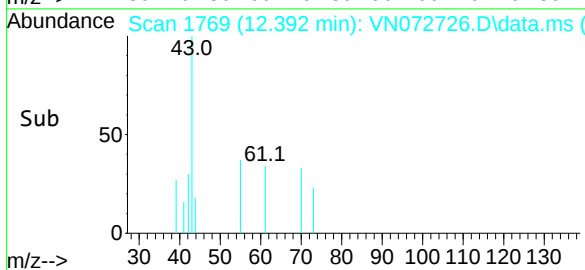
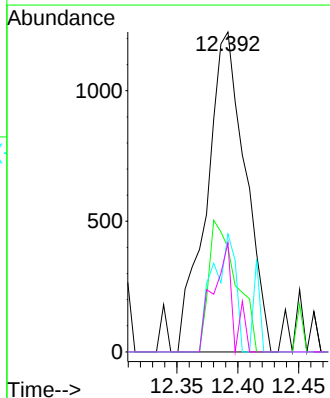
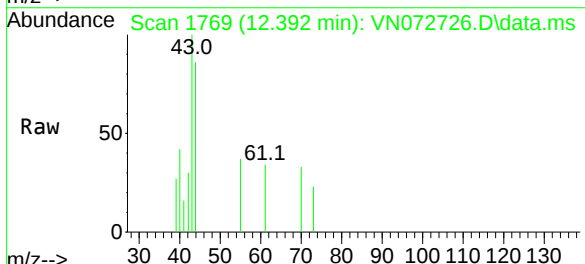
Instrument :
MSVOA_N
ClientSampleId :
N48964

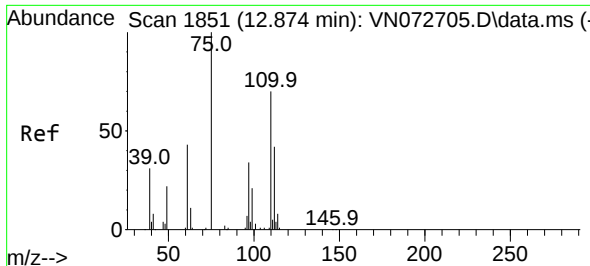
Tgt Ion:152 Resp: 108837
Ion Ratio Lower Upper
152 100
115 65.3 28.9 86.7
150 159.4 0.0 356.2



#74
N-ethyl acetate
Concen: 0.499 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 43 Resp: 2709
Ion Ratio Lower Upper
43 100
70 29.3 39.0 58.4#
55 21.7 21.1 31.7
61 17.9 21.1 31.7#

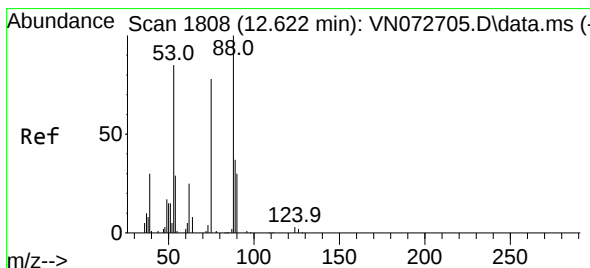
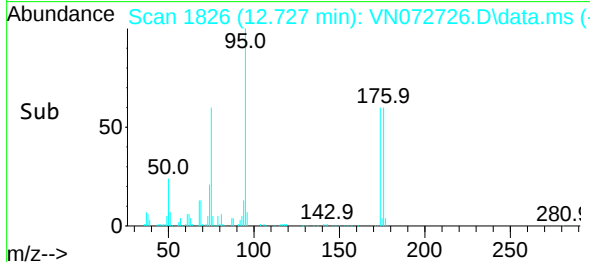
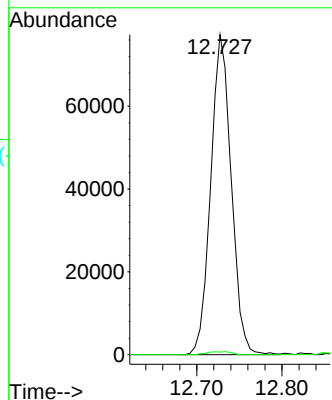
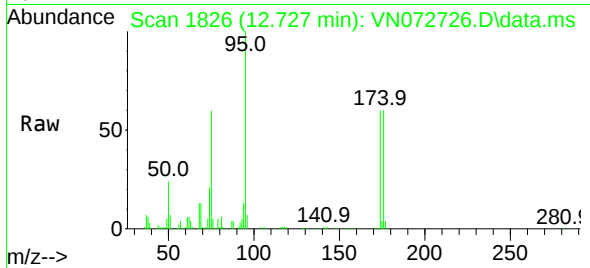




#76
1,2,3-Trichloropropane
Concen: 36.794 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

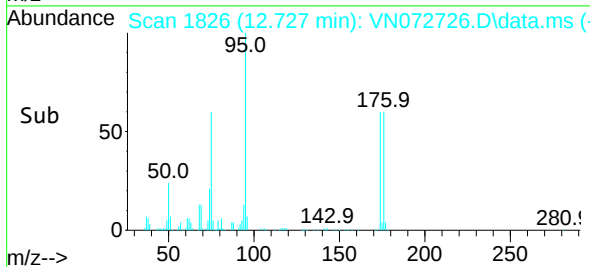
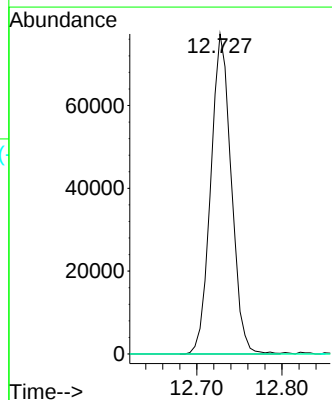
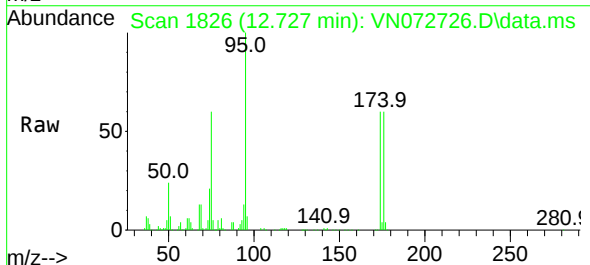
Instrument :
MSVOA_N
ClientSampleId :
N48964

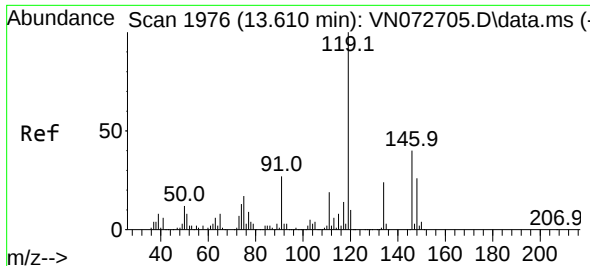
Tgt Ion: 75 Resp: 129223
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.225 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion: 75 Resp: 129223
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

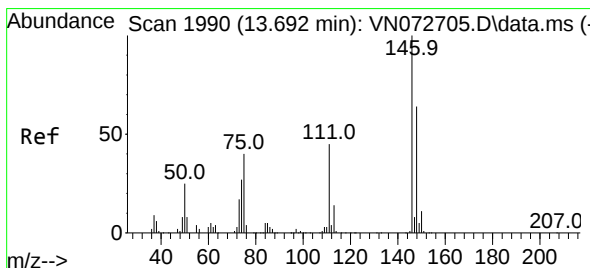
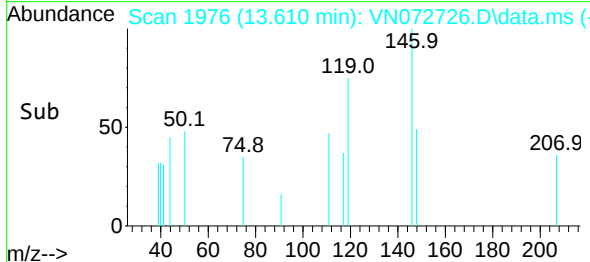
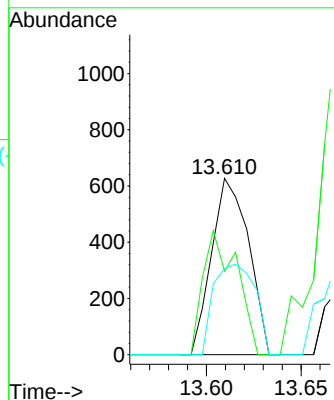
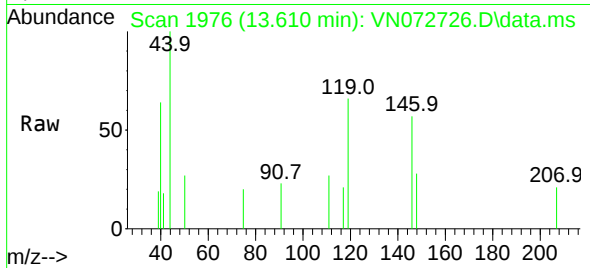




#87
1,3-Dichlorobenzene
Concen: 0.218 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

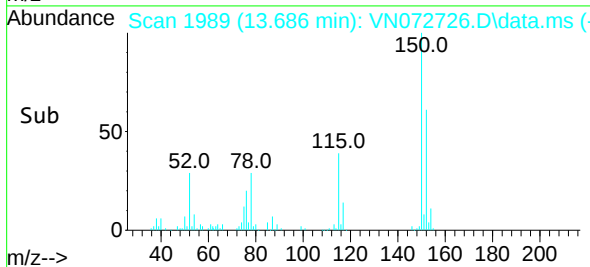
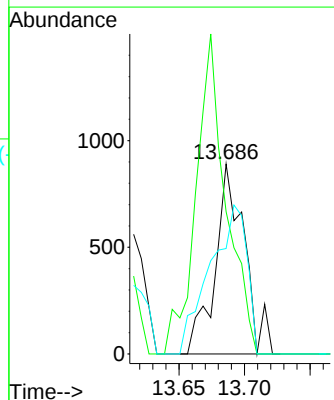
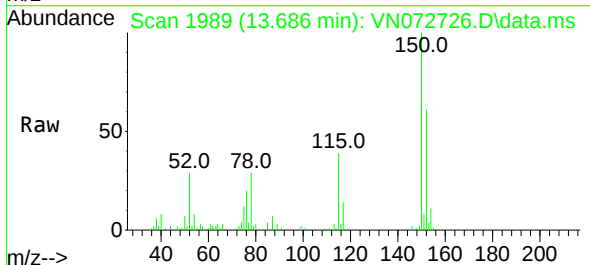
Instrument :
MSVOA_N
ClientSampleId :
N48964

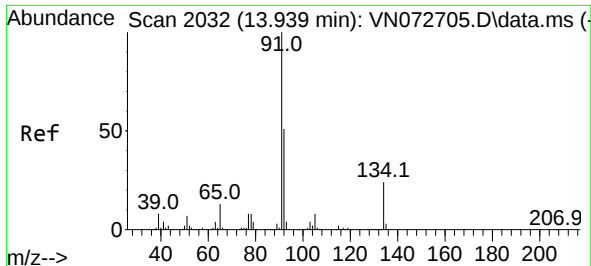
Tgt Ion:146 Resp: 853
Ion Ratio Lower Upper
146 100
111 64.0 20.0 60.0#
148 57.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.359 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion:146 Resp: 1374
Ion Ratio Lower Upper
146 100
111 173.4 19.1 57.1#
148 99.1 31.4 94.3#

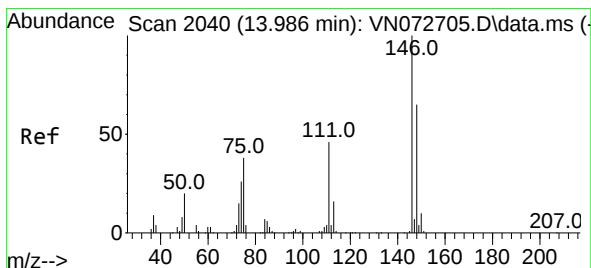
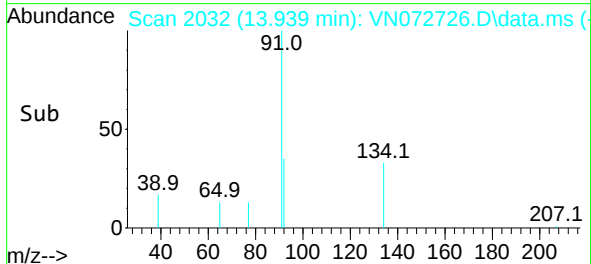
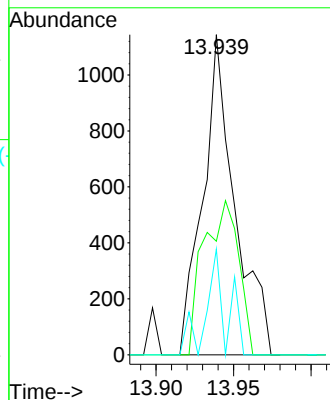
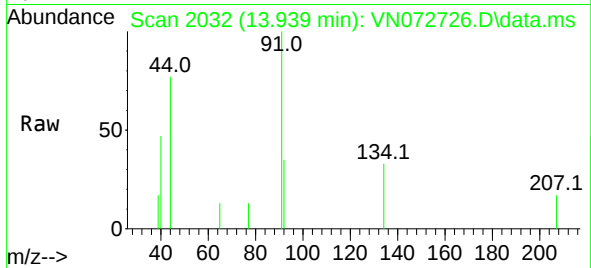




#89
n-Butylbenzene
Concen: 0.226 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

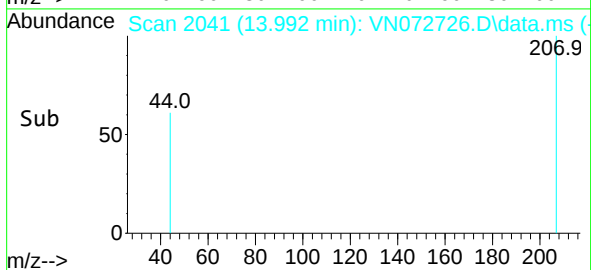
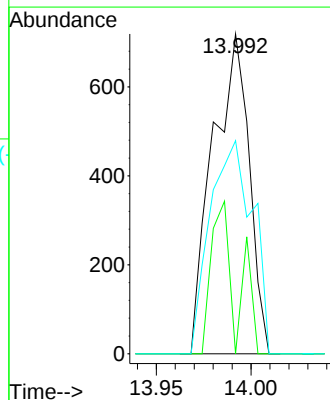
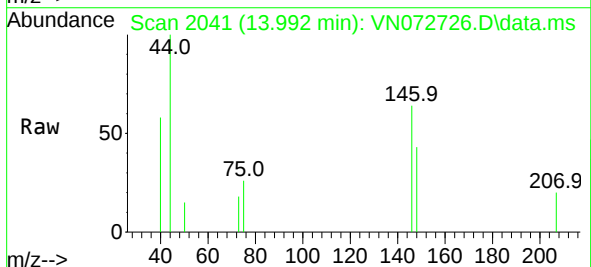
Instrument :
MSVOA_N
ClientSampleId :
N48964

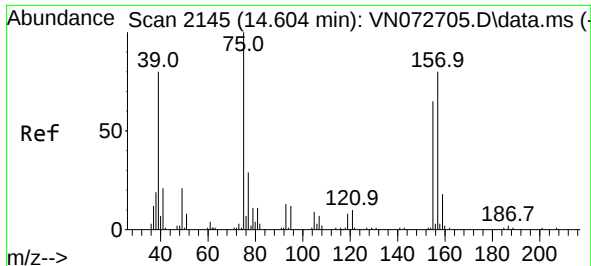
Tgt Ion:	91	Resp:	1639
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.9	80.7
134	20.8	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.250 ug/l
RT: 13.992 min Scan# 2041
Delta R.T. 0.006 min
Lab File: VN072726.D
Acq: 09 Jun 2022 13:25

Tgt Ion:	146	Resp:	958
Ion	Ratio	Lower	Upper
146	100		
111	32.7	20.9	62.8
148	78.0	32.1	96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.299 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.006 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48964

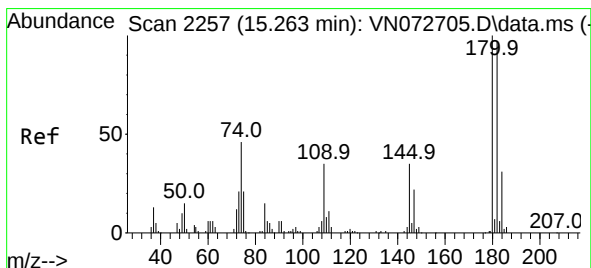
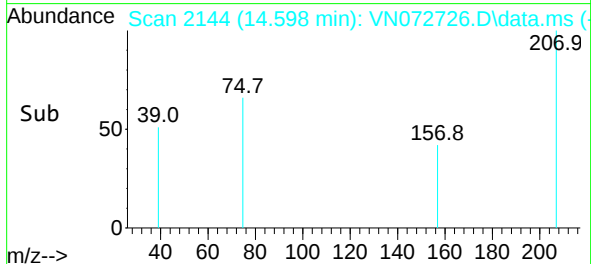
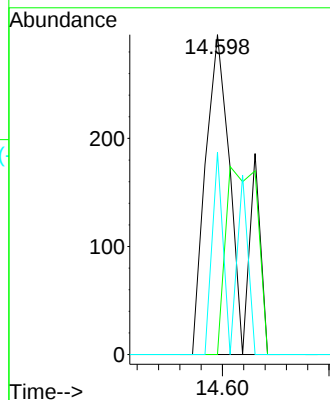
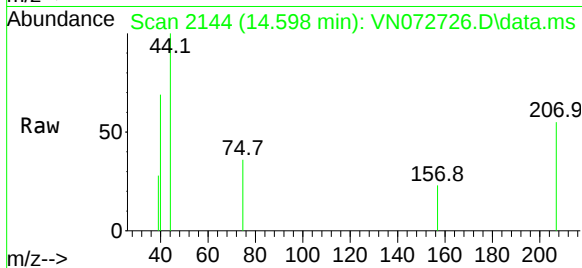
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

155 60.8 44.9 134.5

157 42.7 59.0 176.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.494 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.007 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

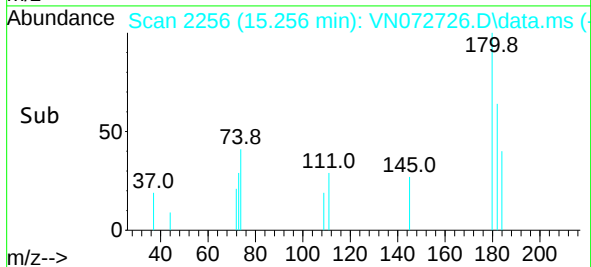
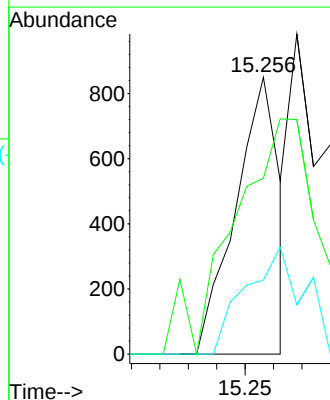
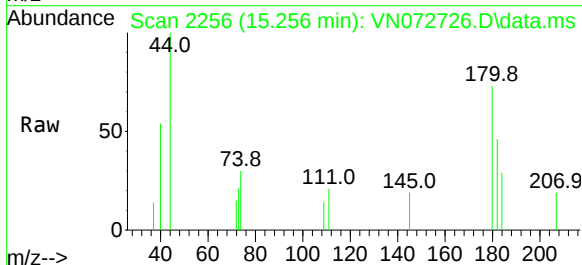
Tgt Ion: 180 Resp: 910

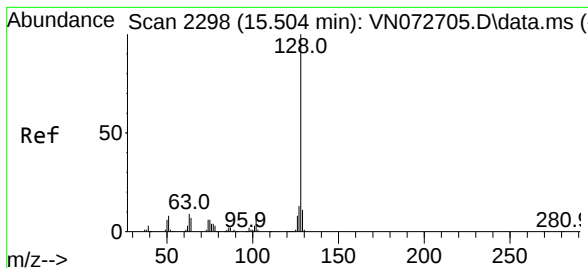
Ion Ratio Lower Upper

180 100

182 169.2 47.5 142.5#

145 56.8 14.5 43.5#





#95

Naphthalene

Concen: 1.578 ug/l

RT: 15.498 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

N48964

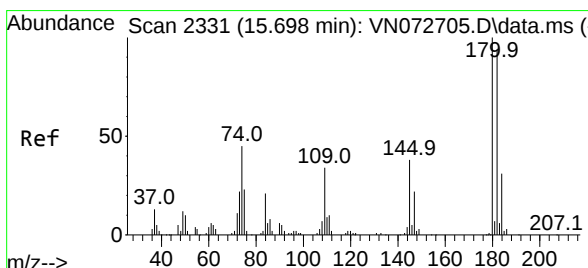
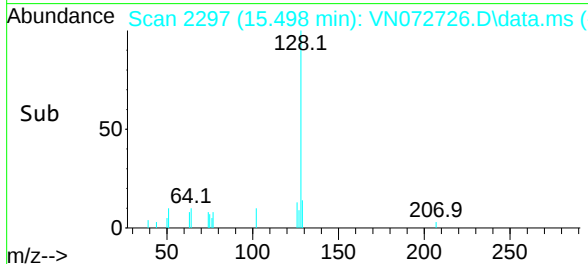
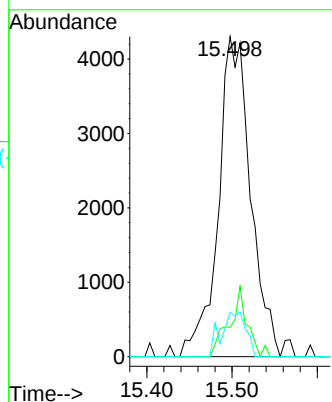
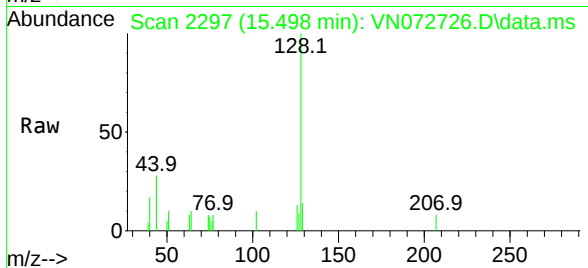
Tgt Ion:128 Resp: 11286

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.324 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN072726.D

Acq: 09 Jun 2022 13:25

Tgt Ion:180 Resp: 2430

Ion Ratio Lower Upper

180 100

182 84.4 47.8 143.3

145 42.3 15.5 46.5

