

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072592.D
 Acq On : 24 May 2022 17:18
 Operator : JC\MD
 Sample : VN0524WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL01

Quant Time: May 25 09:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

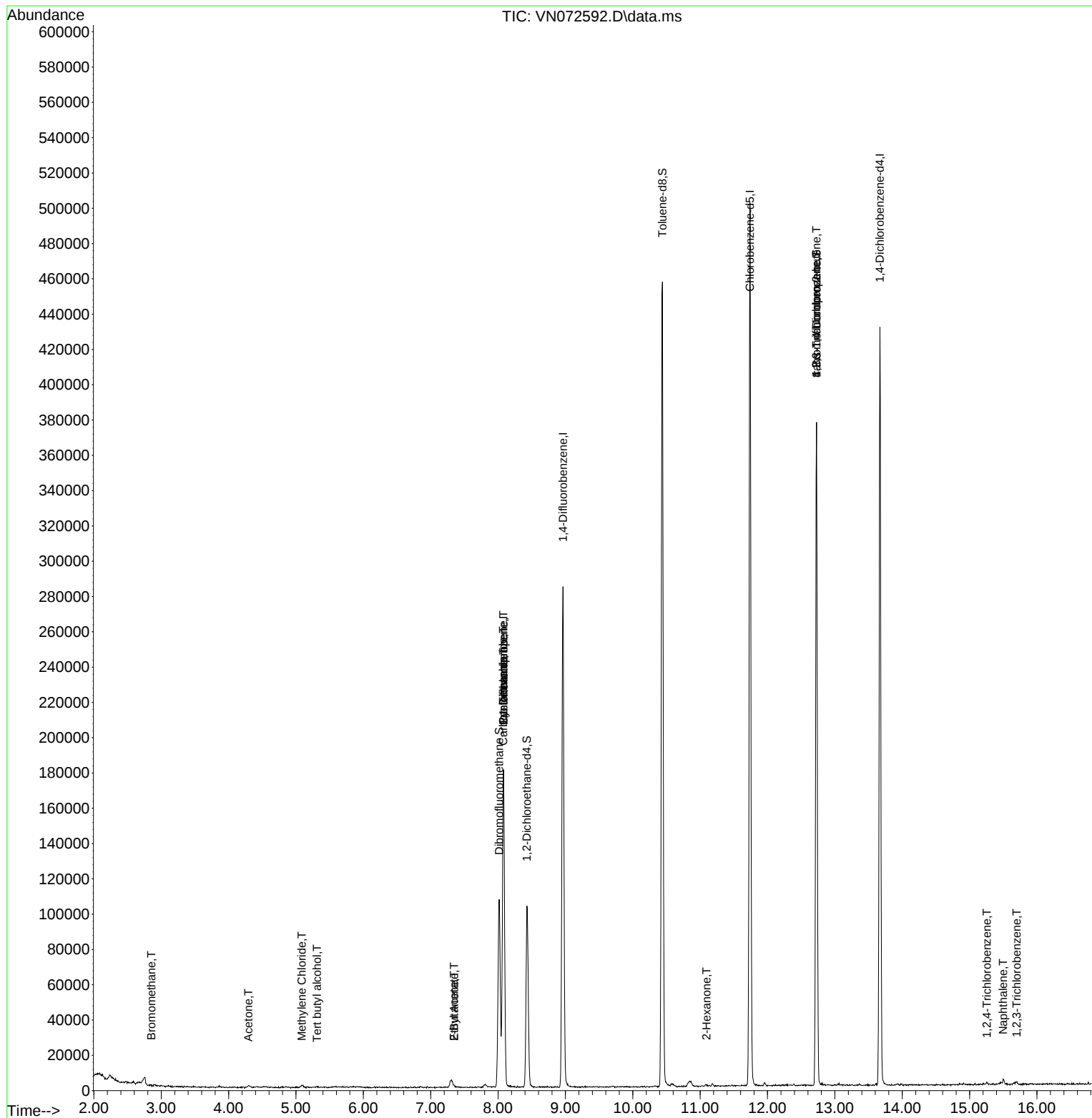
Internal Standards						
1) Pentafluorobenzene	8.081	168	147151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	263984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	301799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	123709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	84755	50.634	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.260%		
35) Dibromofluoromethane	8.016	113	78814	46.064	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 92.120%		
50) Toluene-d8	10.439	98	331724	50.777	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.560%		
62) 4-Bromofluorobenzene	12.727	95	128593	60.520	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 121.040%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	429	Below Cal	#	43
5) Bromomethane	2.852	94	172	1.648	ug/l	82
6) Chloroethane	3.010	64	460	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	362	1.148	ug/l	# 72
16) Acetone	4.293	43	1861	2.262	ug/l	# 42
18) Methyl Acetate	4.863	43	604	Below Cal	#	48
20) Methylene Chloride	5.087	84	1167	0.486	ug/l	# 85
25) 2-Butanone	7.345	43	1160	0.836	ug/l	# 45
31) Cyclohexane	8.081	56	2316	0.873	ug/l	# 1
36) 1,1-Dichloropropene	8.081	75	10107	4.175	ug/l	# 48
37) Ethyl Acetate	7.345	43	1160	0.367	ug/l	# 67
38) Carbon Tetrachloride	8.075	117	13594	5.320	ug/l	# 16
59) 2-Hexanone	11.092	43	1344	0.617	ug/l	# 60
76) 1,2,3-Trichloropropane	12.727	75	61643	18.354	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	61643	53.861	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.257	180	805	0.346	ug/l	# 81
95) Naphthalene	15.498	128	4302	0.559	ug/l	# 88
96) 1,2,3-Trichlorobenzene	15.698	180	1102	0.442	ug/l	# 15

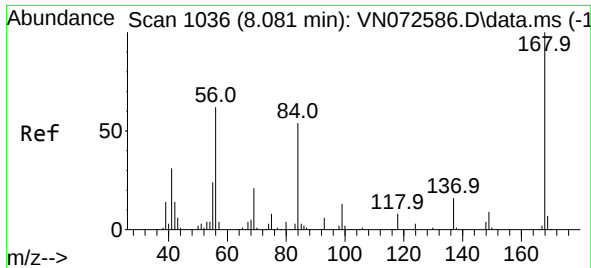
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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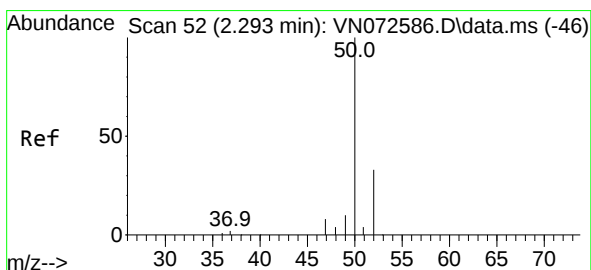
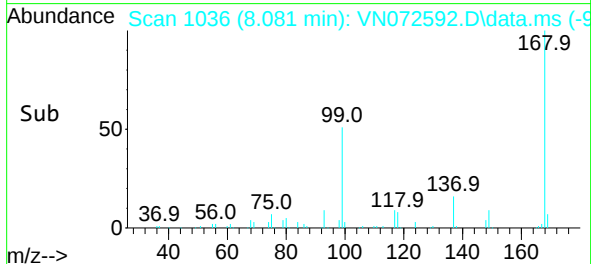
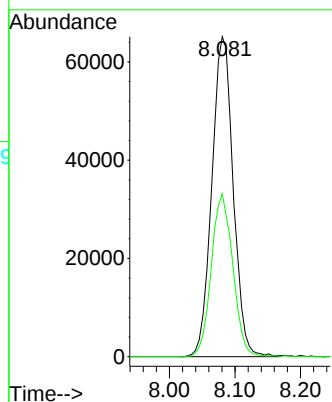
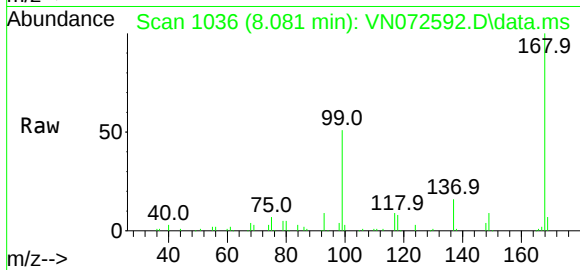




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

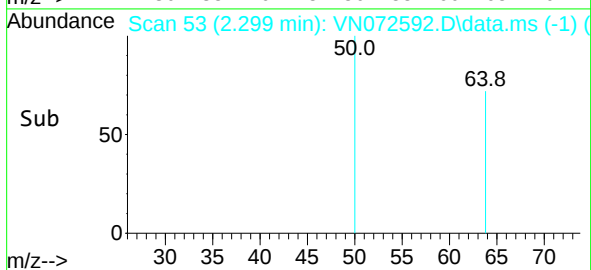
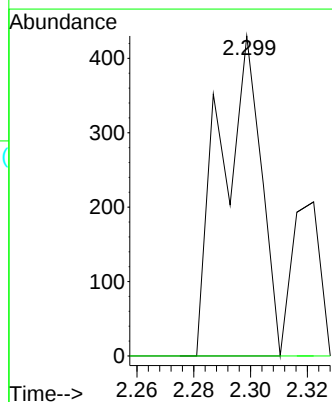
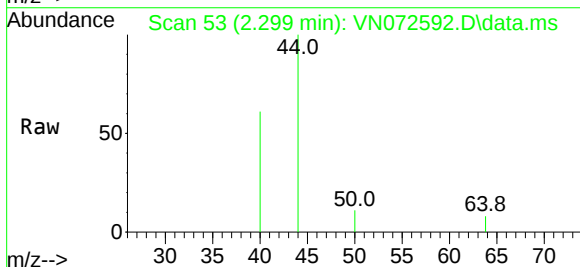
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

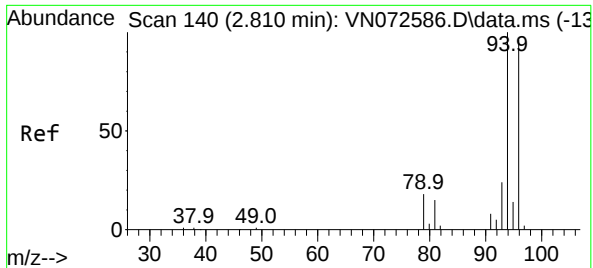
Tgt Ion:168 Resp: 147151
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. 0.006 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 50 Resp: 429
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: 1.648 ug/l

RT: 2.852 min Scan# 14

Delta R.T. 0.042 min

Lab File: VN072592.D

Acq: 24 May 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

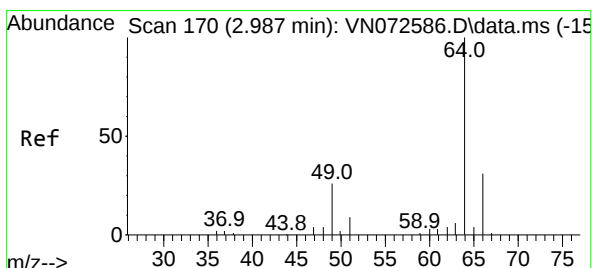
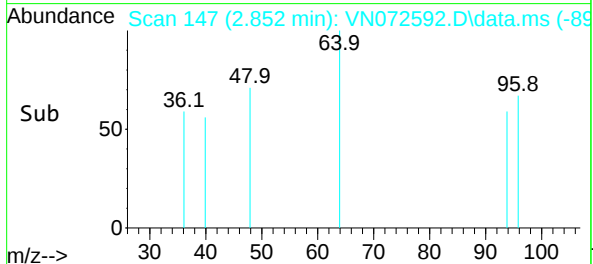
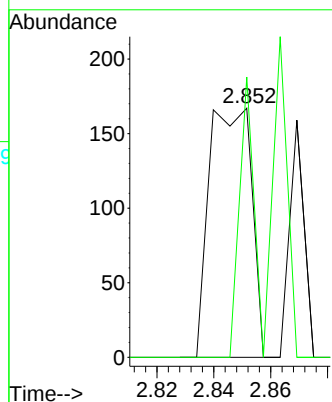
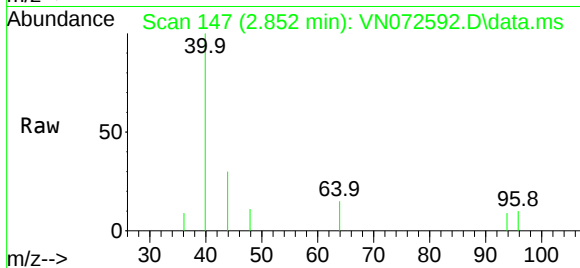
VN0524WBL01

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

94 100

96 112.6 76.0 114.0



#6

Chloroethane

Concen: Below Cal

RT: 3.010 min Scan# 174

Delta R.T. 0.023 min

Lab File: VN072592.D

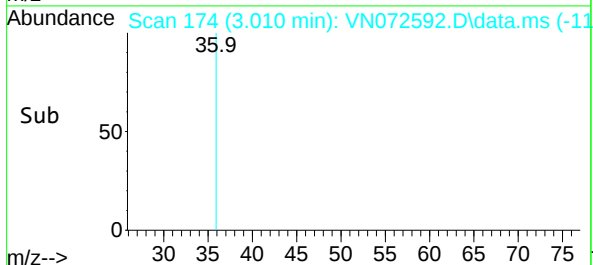
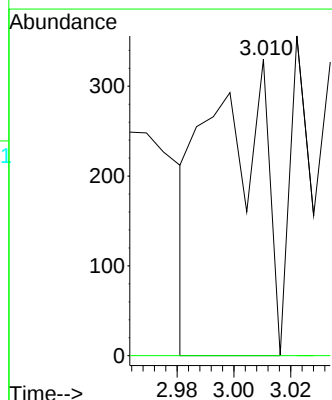
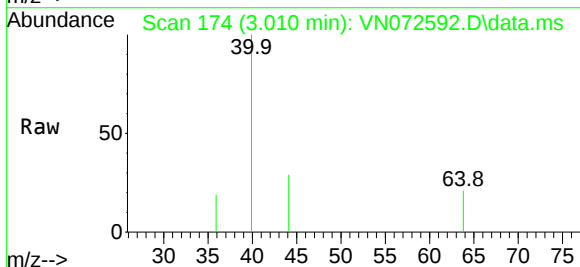
Acq: 24 May 2022 17:18

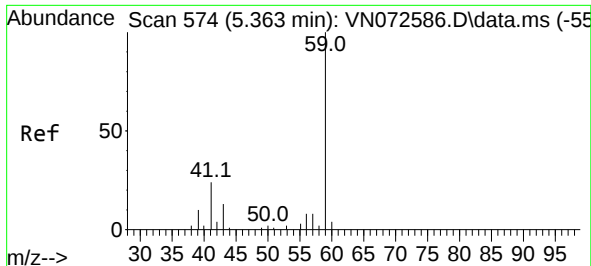
Tgt Ion: 64 Resp: 460

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

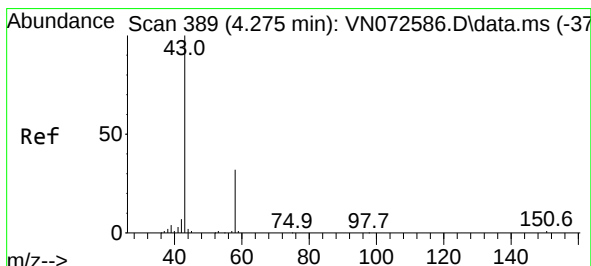
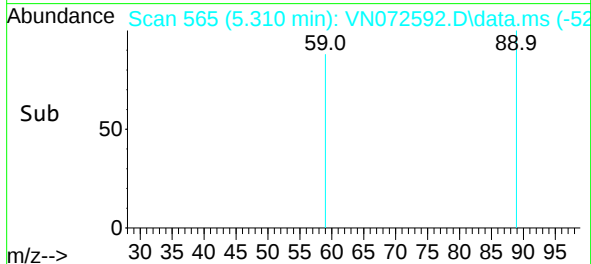
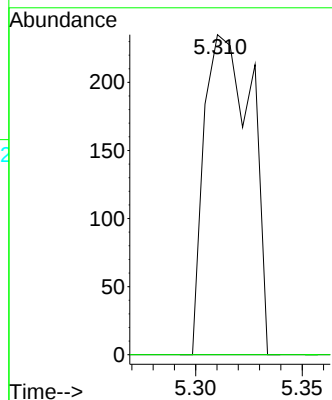
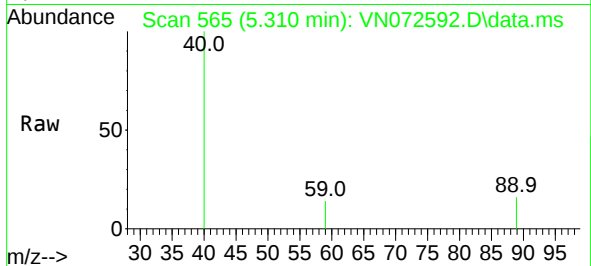




#11
Tert butyl alcohol
Concen: 1.148 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

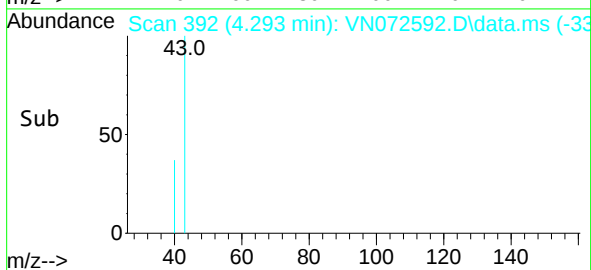
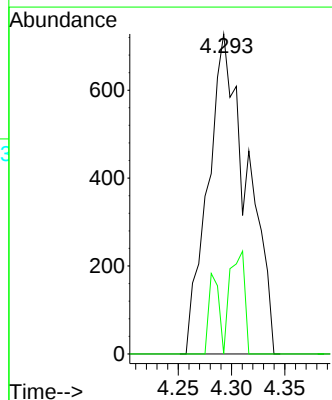
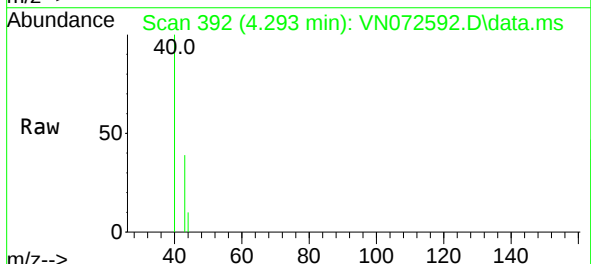
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

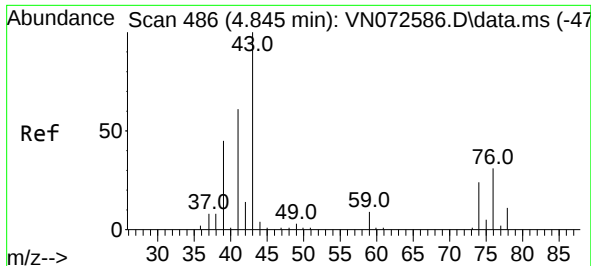
Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.262 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

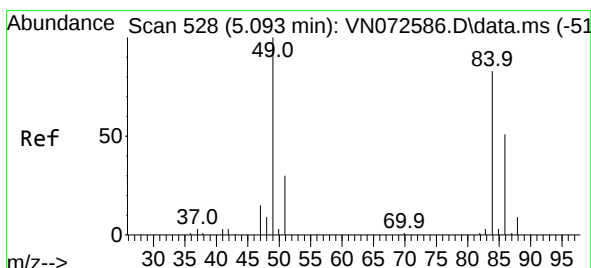
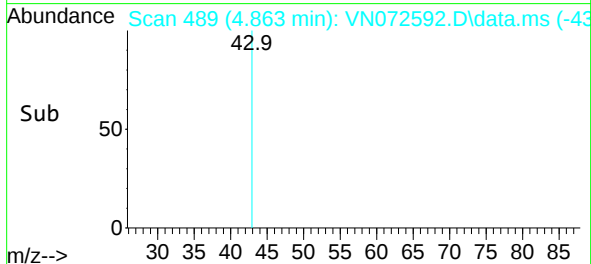
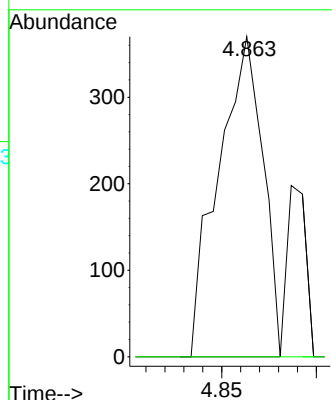
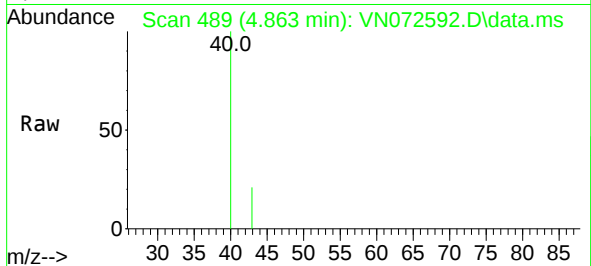




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

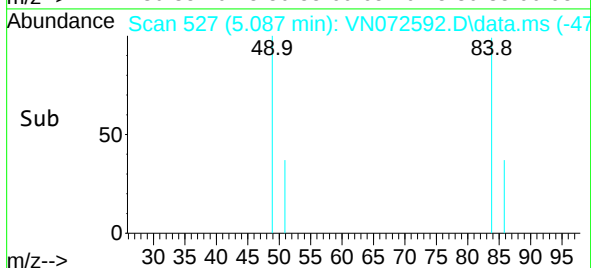
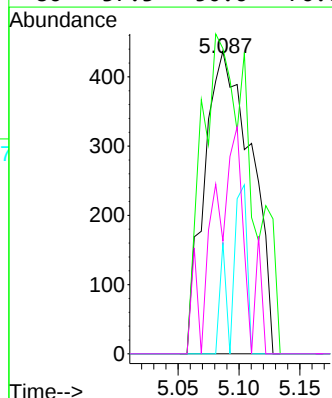
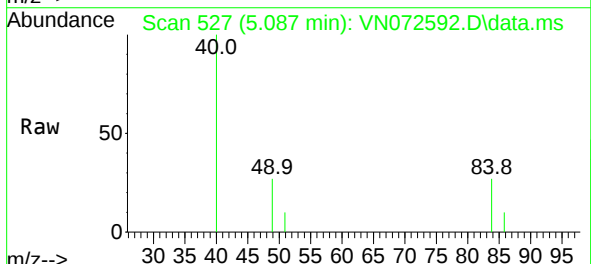
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

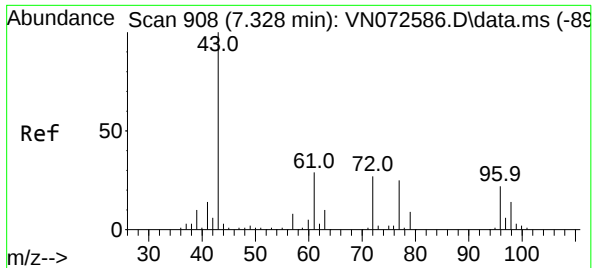
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.486 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 84 Resp: 1167
Ion Ratio Lower Upper
84 100
49 100.9 88.3 132.5
51 36.8 28.2 42.2
86 37.3 50.6 76.0#

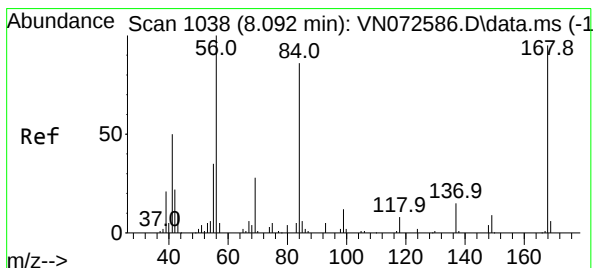
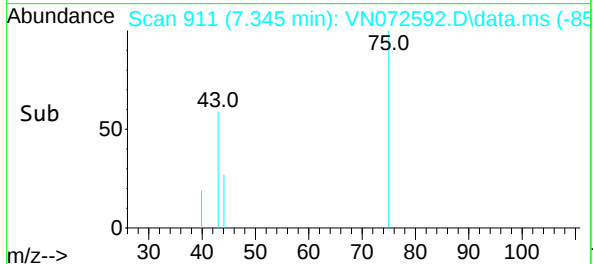
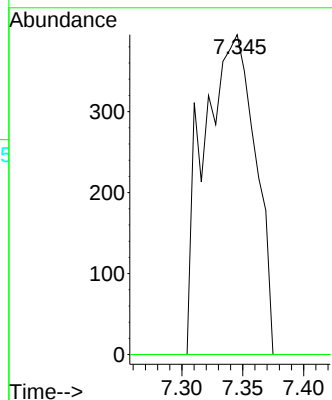
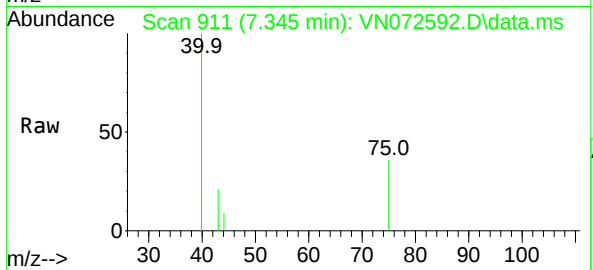




#25
2-Butanone
Concen: 0.836 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

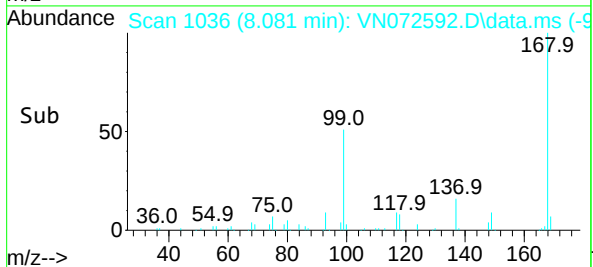
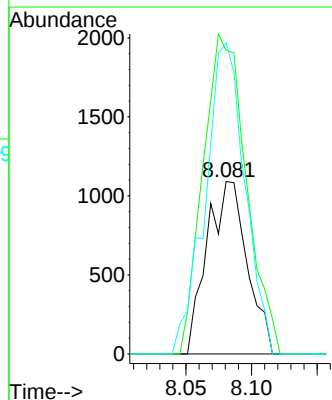
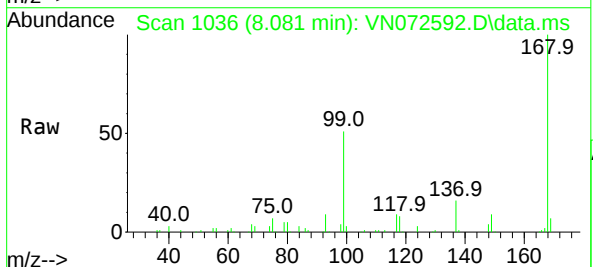
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

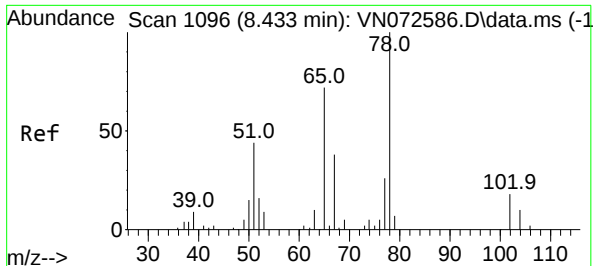
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.873 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 56 Resp: 2316
Ion Ratio Lower Upper
56 100
69 176.2 27.8 41.8#
84 180.3 76.9 115.3#

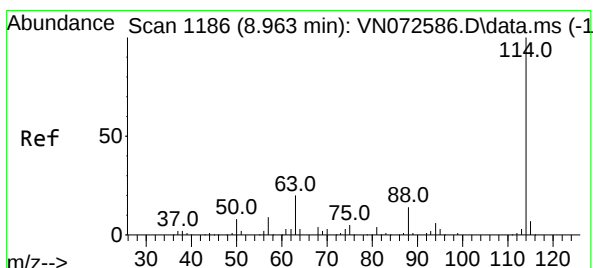
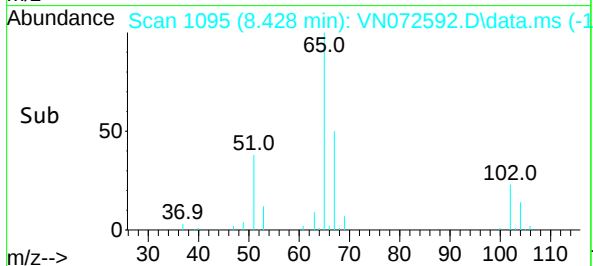
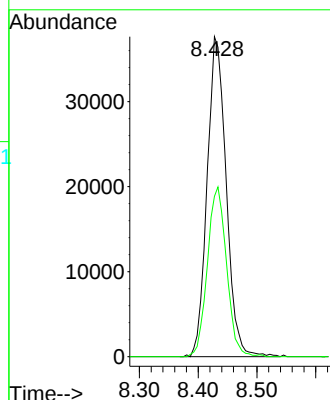
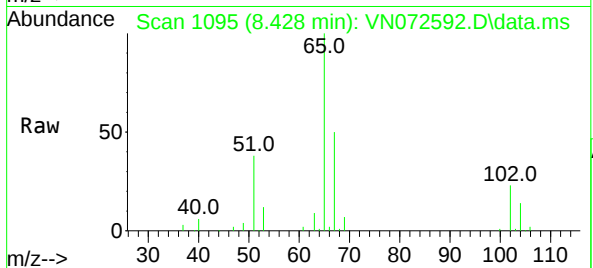




#33
1,2-Dichloroethane-d4
Concen: 50.634 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.005 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

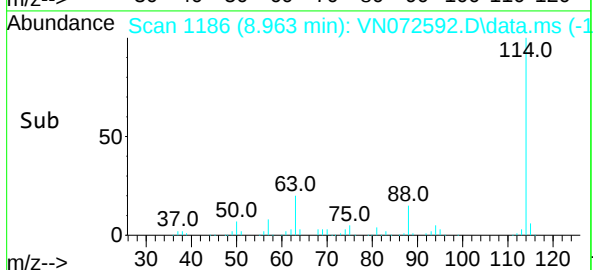
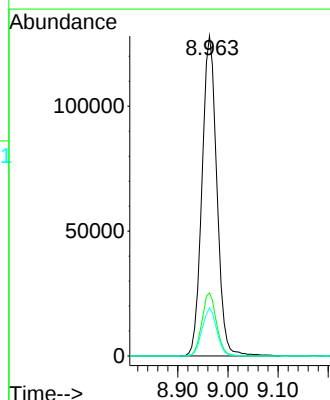
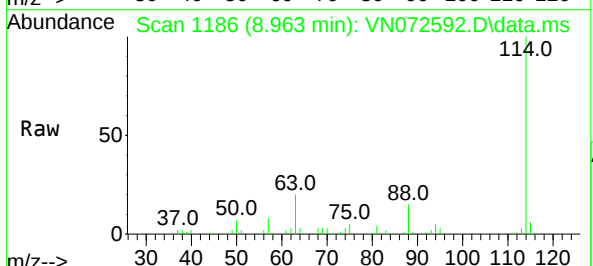
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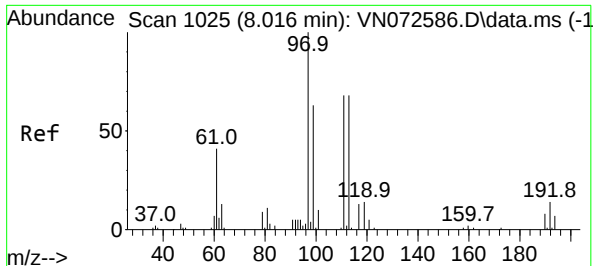
Tgt Ion: 65 Resp: 84755
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 114 Resp: 263984
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.0 0.0 32.6

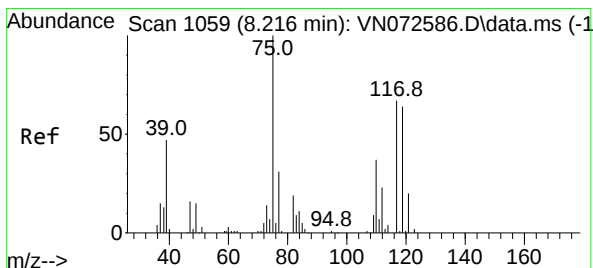
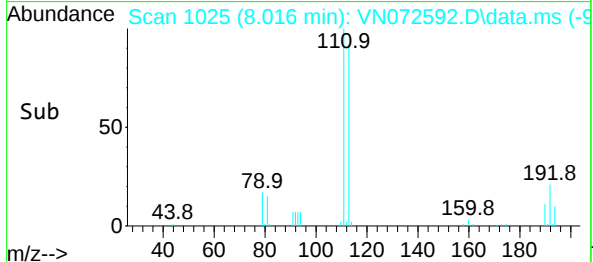
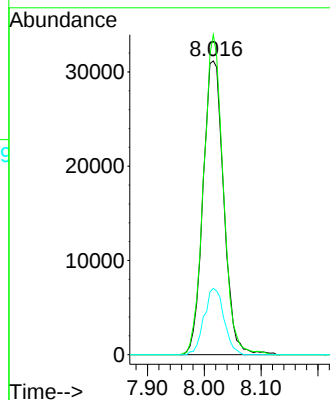
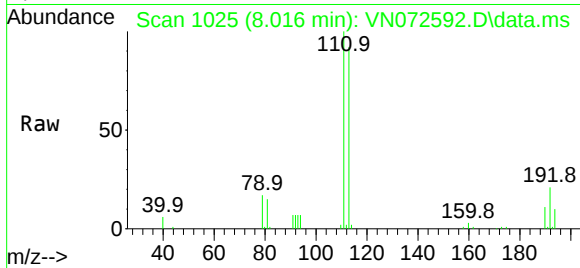




#35
Dibromofluoromethane
Concen: 46.064 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

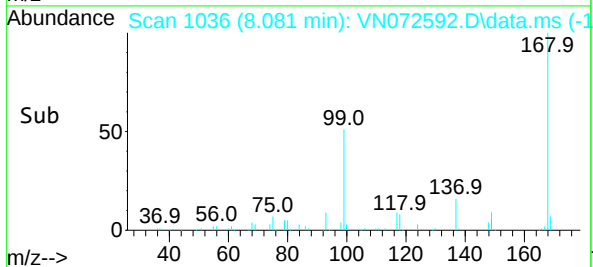
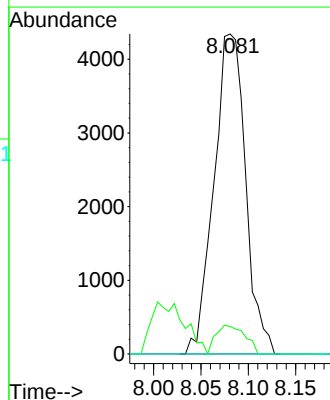
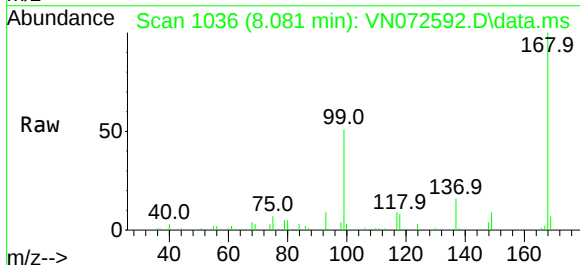
Instrument :
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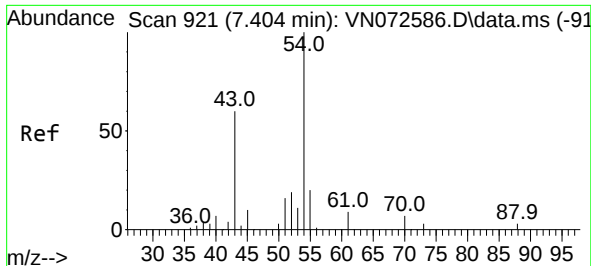
Tgt Ion:113 Resp: 78814
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.175 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 75 Resp: 10107
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.367 ug/l

RT: 7.345 min Scan# 91

Delta R.T. -0.059 min

Lab File: VN072592.D

Acq: 24 May 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

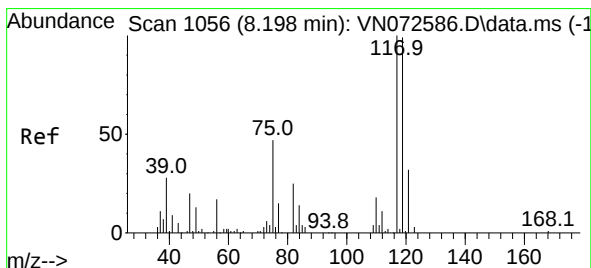
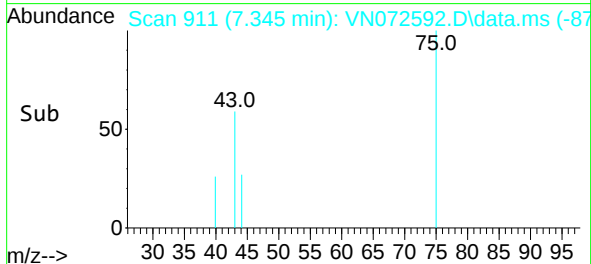
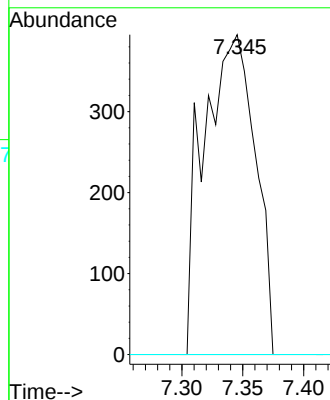
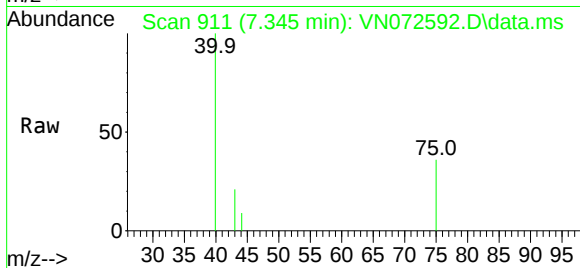
Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.320 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.123 min

Lab File: VN072592.D

Acq: 24 May 2022 17:18

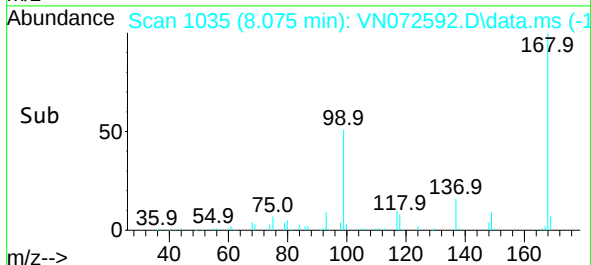
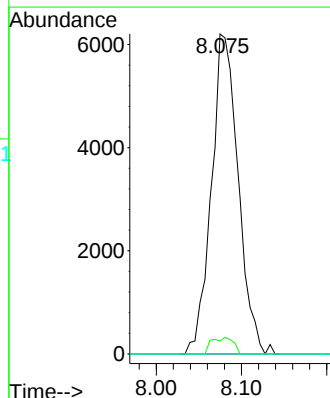
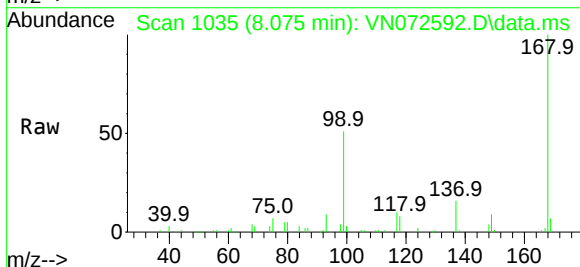
Tgt Ion: 117 Resp: 13594

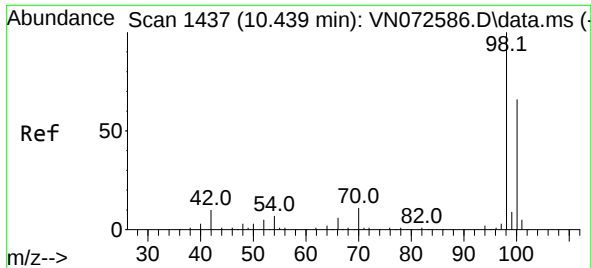
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

121 0.0 24.6 37.0#

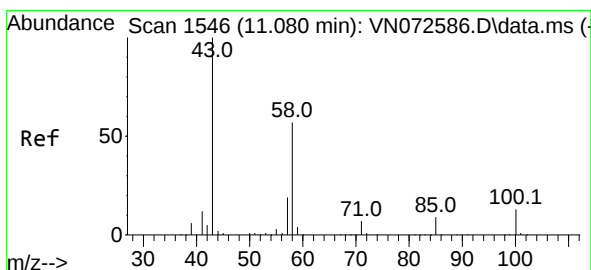
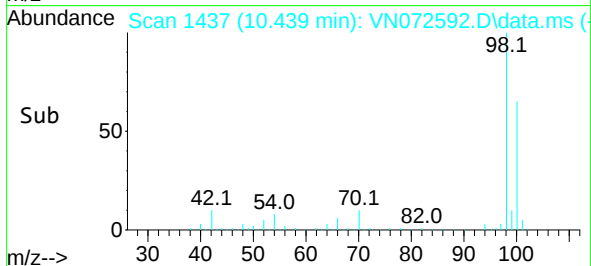
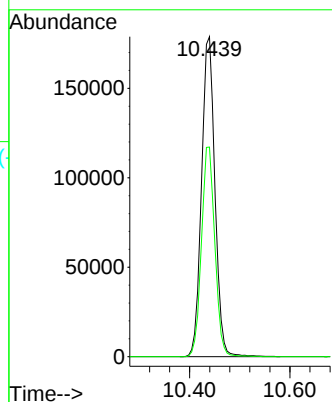
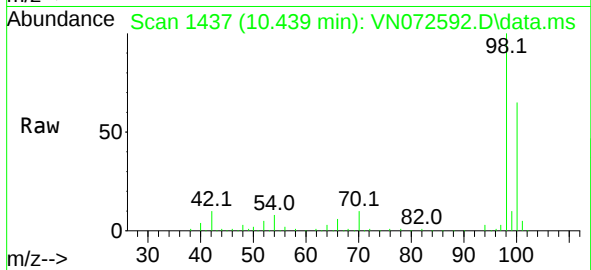




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

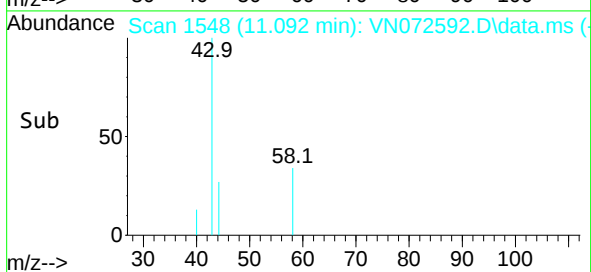
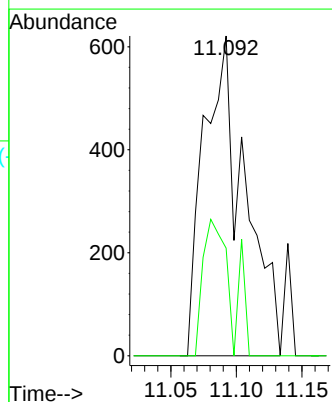
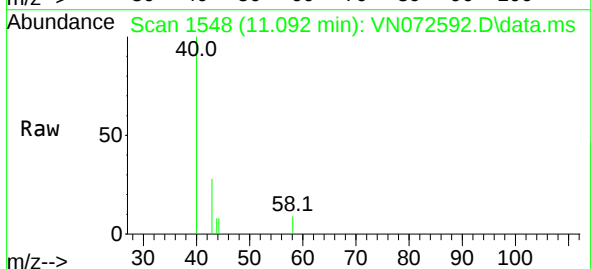
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

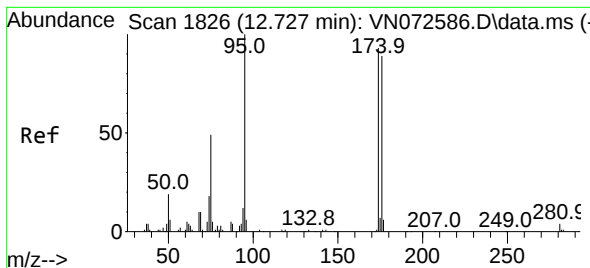
Tgt Ion: 98 Resp: 331724
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#59
2-Hexanone
Concen: 0.617 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 29.6 29.7 89.1#

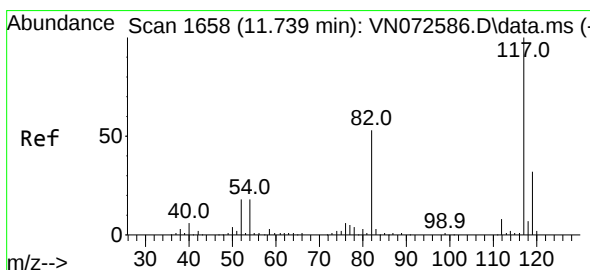
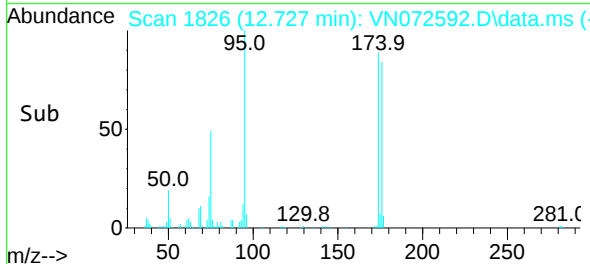
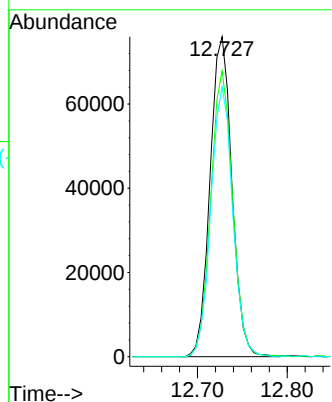
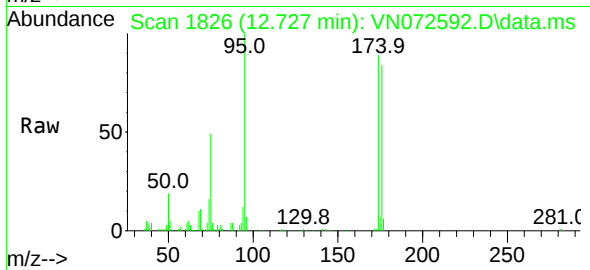




#62
4-Bromofluorobenzene
Concen: 60.520 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

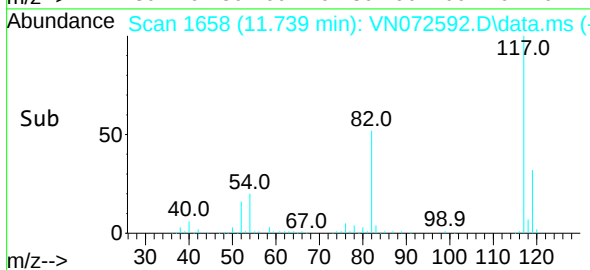
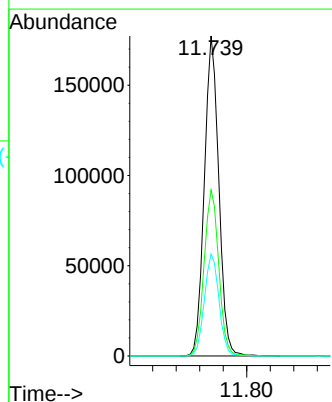
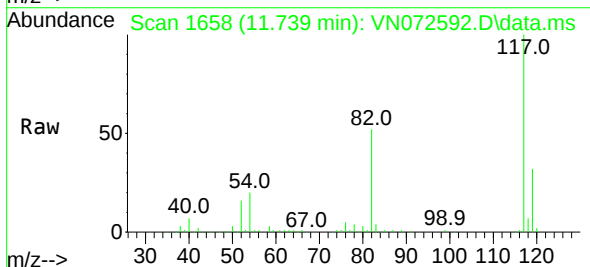
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

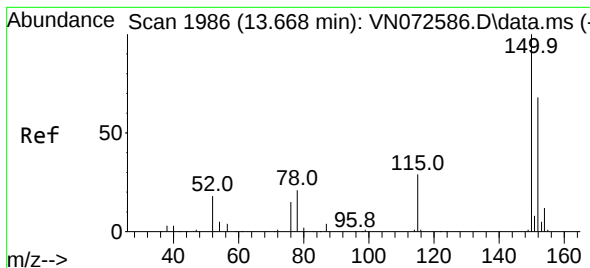
Tgt Ion: 95 Resp: 128593
Ion Ratio Lower Upper
95 100
174 89.5 0.0 167.6
176 84.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion: 117 Resp: 301799
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN072592.D

Acq: 24 May 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

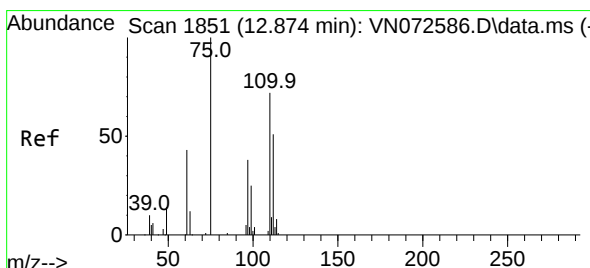
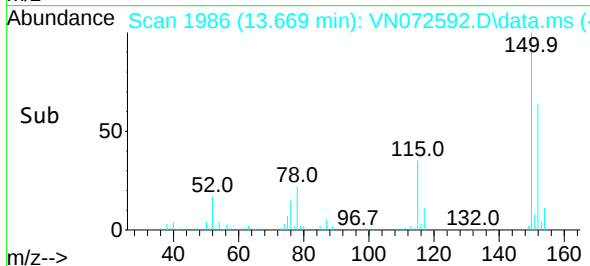
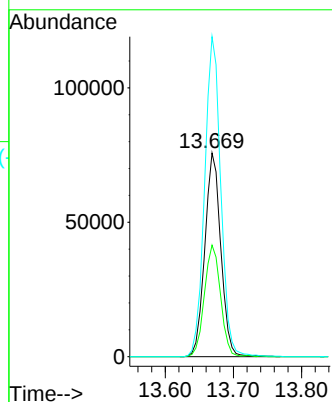
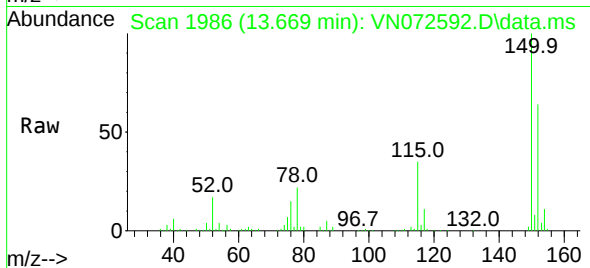
Tgt Ion:152 Resp: 123709

Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

150 158.4 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 18.354 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072592.D

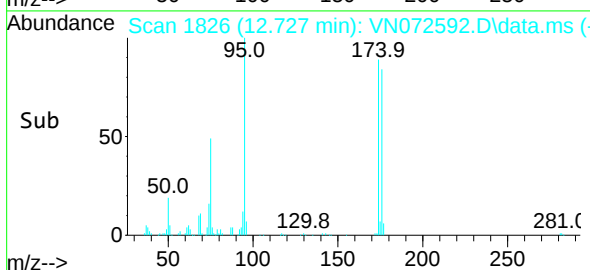
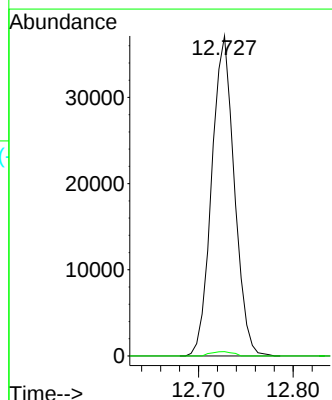
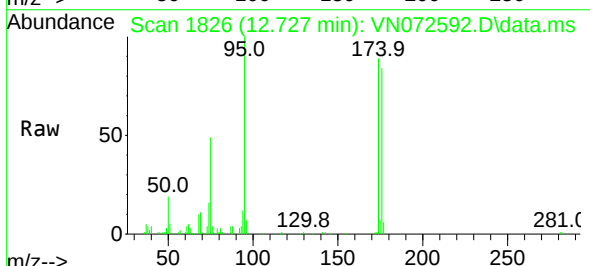
Acq: 24 May 2022 17:18

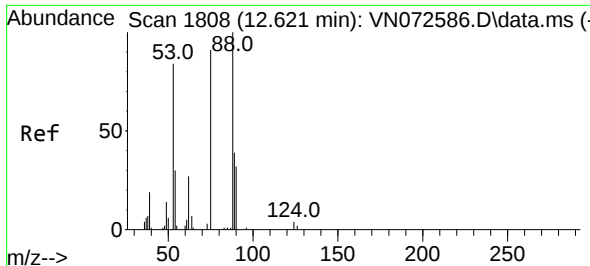
Tgt Ion: 75 Resp: 61643

Ion Ratio Lower Upper

75 100

77 1.3 98.5 295.5#

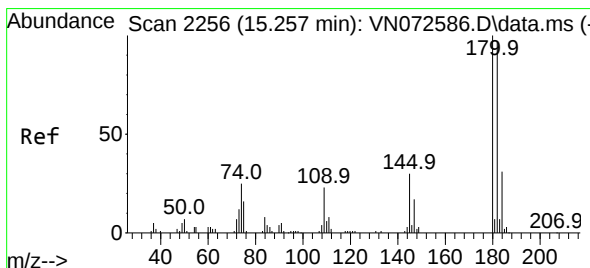
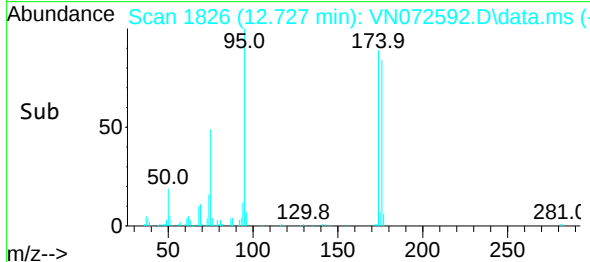
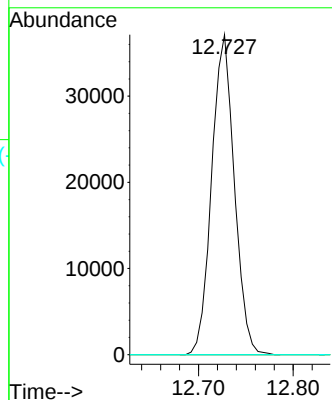
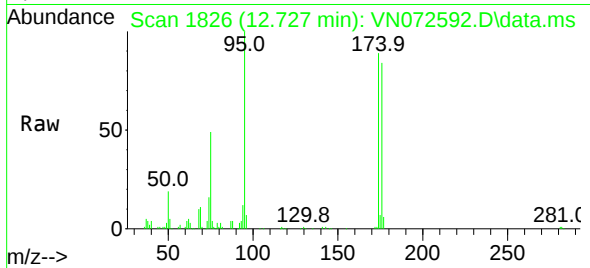




#81
trans-1,4-Dichloro-2-butene
Concen: 53.861 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

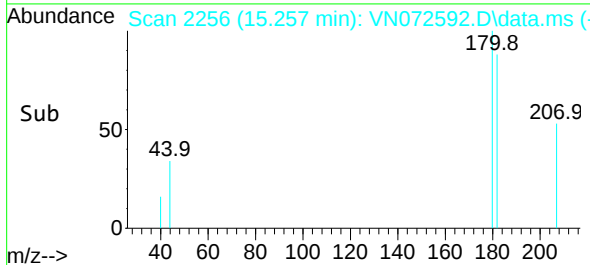
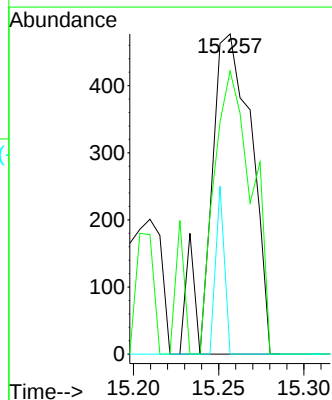
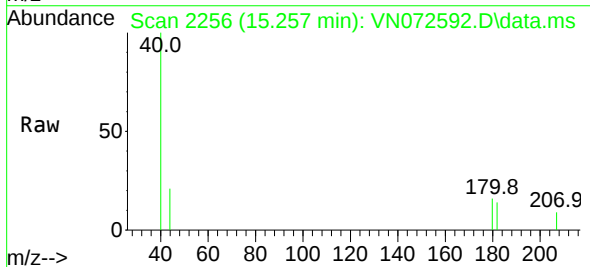
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

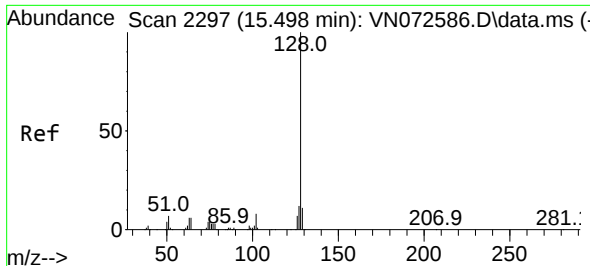
Tgt Ion: 75 Resp: 61643
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion:180 Resp: 805
Ion Ratio Lower Upper
180 100
182 81.0 47.5 142.5
145 10.9 14.5 43.5#

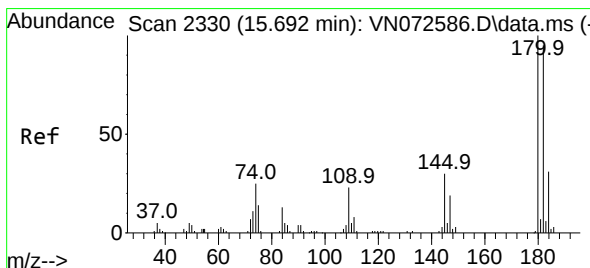
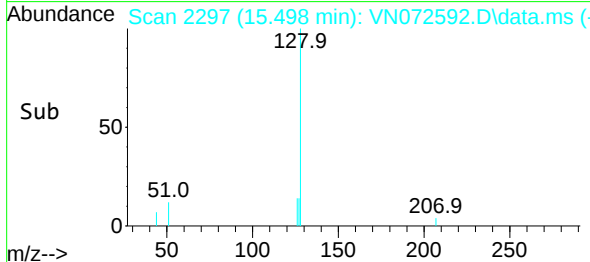
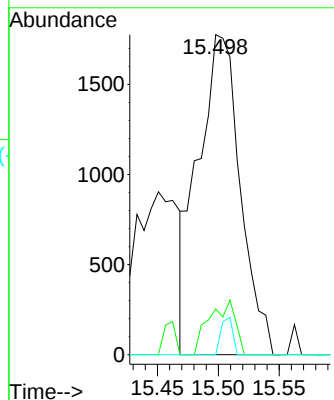
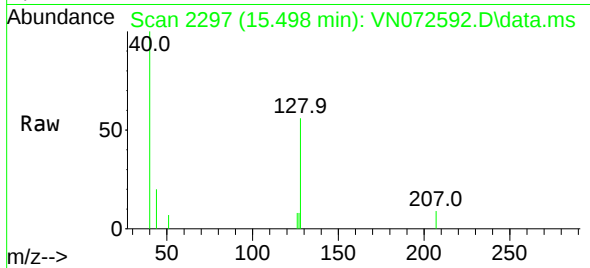




#95
Naphthalene
Concen: 0.559 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

Tgt Ion:128 Resp: 4302
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 3.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.442 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072592.D
Acq: 24 May 2022 17:18

Tgt Ion:180 Resp: 1102
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 5.9 15.5 46.5#

