

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019513.D
 Acq On : 20 Jul 2021 15:59
 Operator : SY/VA
 Sample : M3069-01
 Misc : 5.04g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-071621

Quant Time: Jul 21 02:04:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

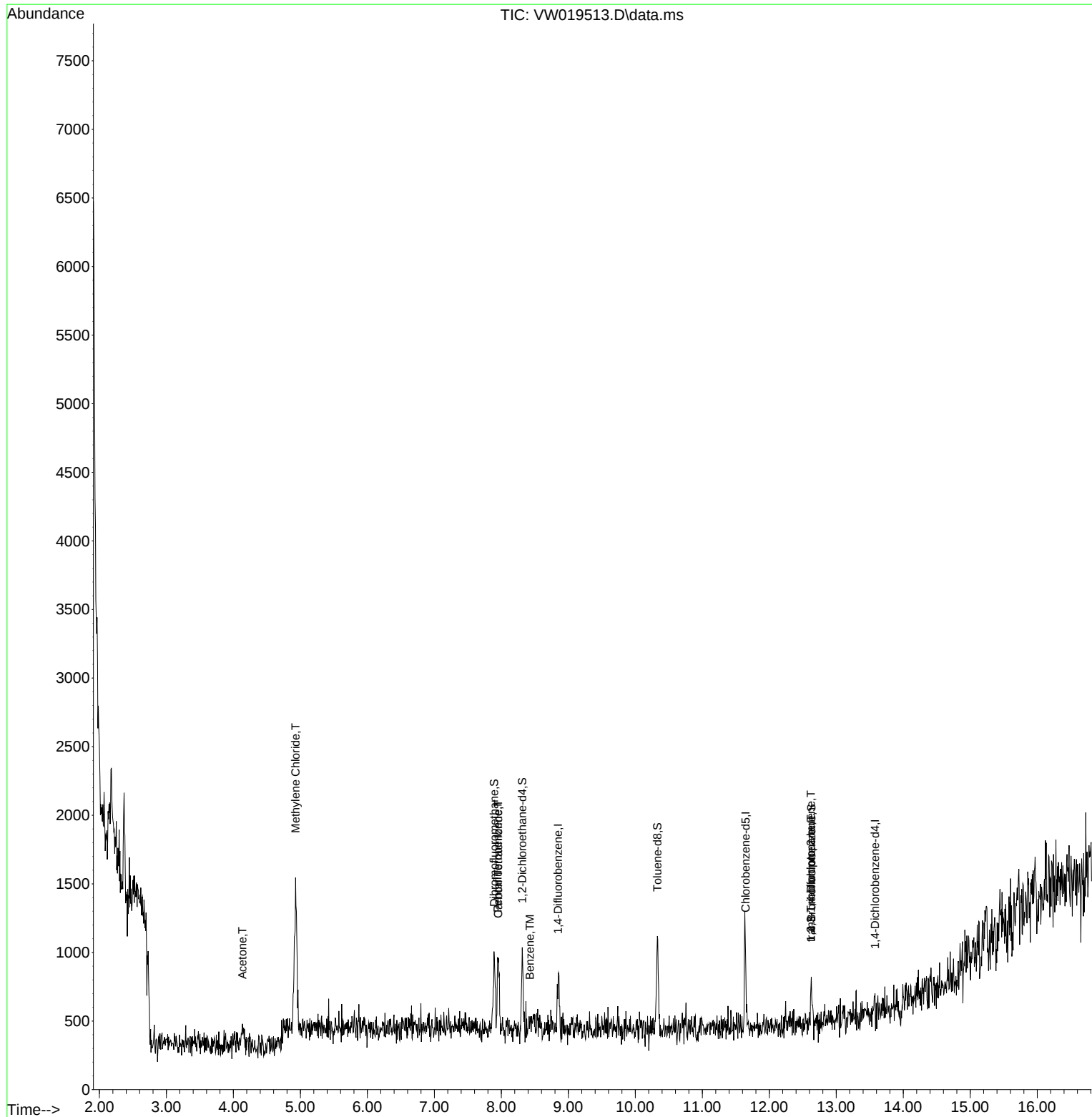
Internal Standards						
1) Pentafluorobenzene	7.945	168	672	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.646	117	525	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.579	152	92	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	528	84.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.660%#	
35) Dibromofluoromethane	7.891	113	560	130.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 261.880%#	
50) Toluene-d8	10.329	98	773	46.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.360%	
62) 4-Bromofluorobenzene	12.628	95	255	41.055	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.135	43	249	203.736	ug/l	# 41
20) Methylene Chloride	4.928	84	825	108.144	ug/l	98
38) Carbon Tetrachloride	7.952	117	50	7.670	ug/l	# 12
40) Benzene	8.427	78	91	4.357	ug/l	# 51
76) 1,2,3-Trichloropropane	12.621	75	22	24.196	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.621	75	22	55.141	ug/l	# 12

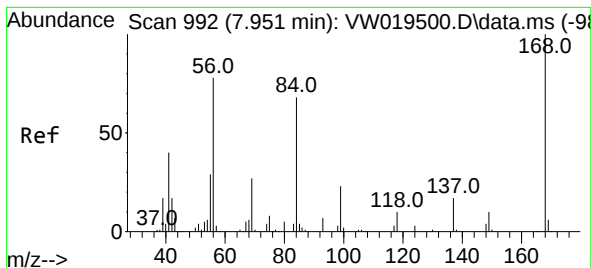
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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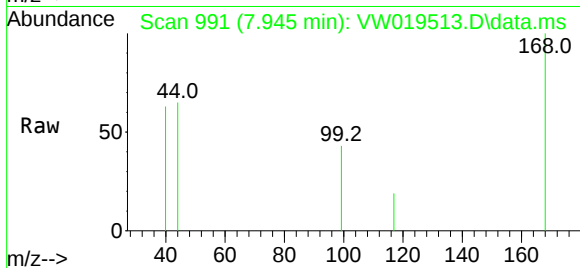
Quant Time: Jul 21 02:04:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
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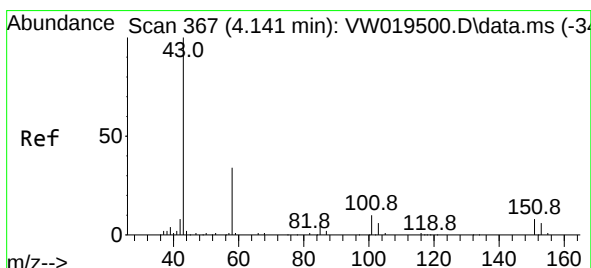
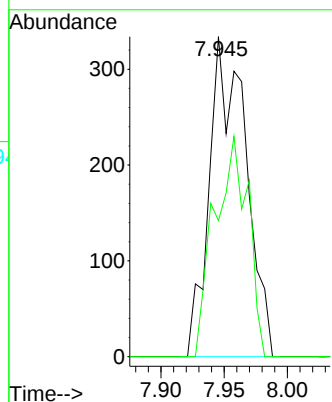
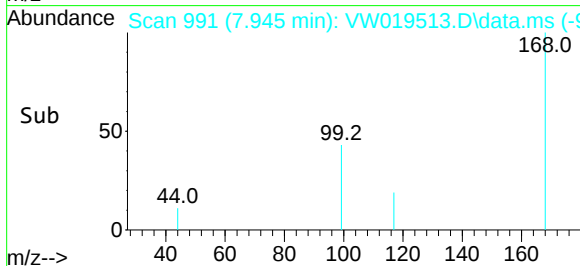


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

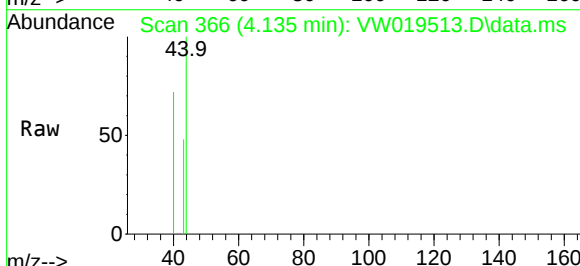
Instrument :
MSVOA_W
ClientSampleId :
CL-01-071621



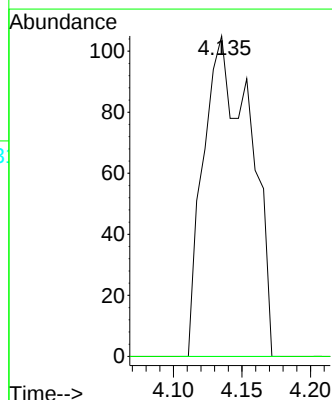
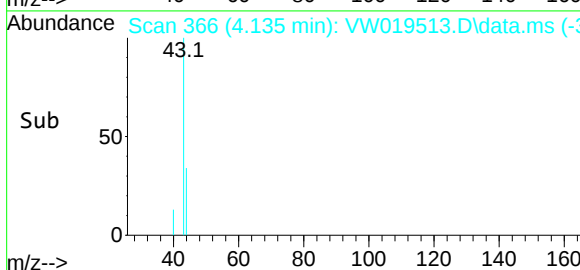
Tgt Ion:168 Resp: 672
Ion Ratio Lower Upper
168 100
99 42.5 51.9 77.9#

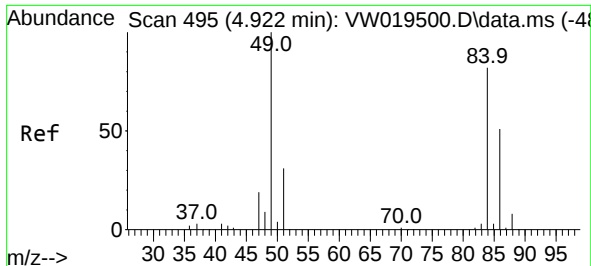


#16
Acetone
Concen: 203.736 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59



Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#





#20

Methylene Chloride

Concen: 108.144 ug/l

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

Lab File: VW019513.D

Acq: 20 Jul 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

CL-01-071621

Tgt Ion: 84 Resp: 825

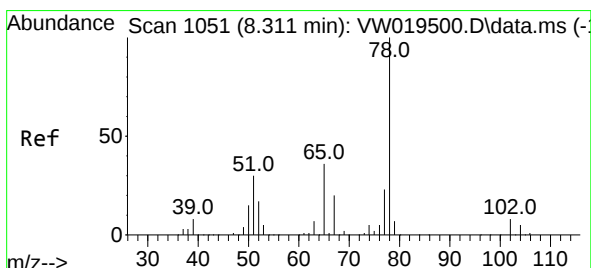
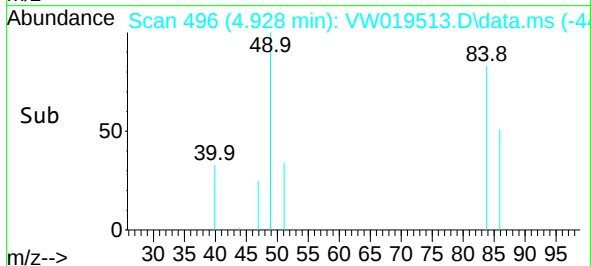
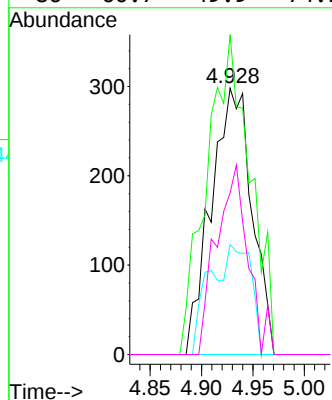
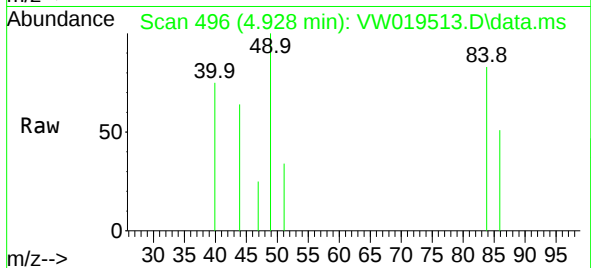
Ion Ratio Lower Upper

84 100

49 120.1 97.2 145.8

51 41.3 30.1 45.1

86 60.7 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 84.329 ug/l

RT: 8.311 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VW019513.D

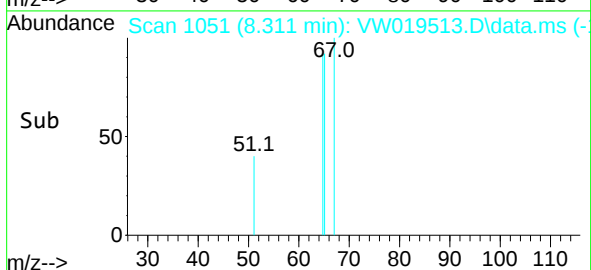
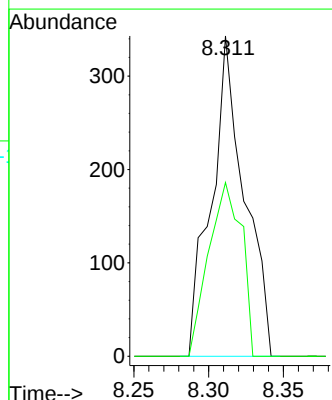
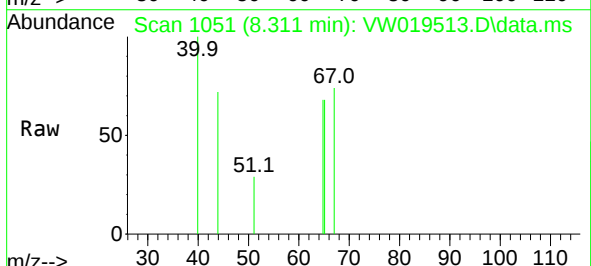
Acq: 20 Jul 2021 15:59

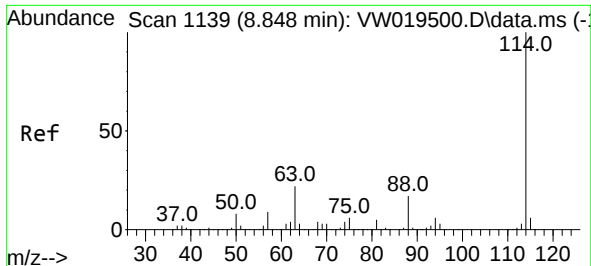
Tgt Ion: 65 Resp: 528

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.8

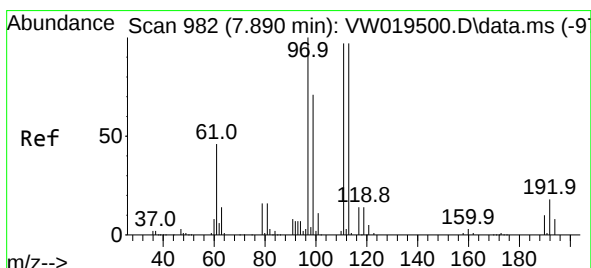
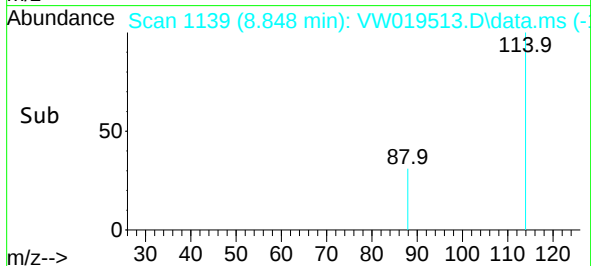
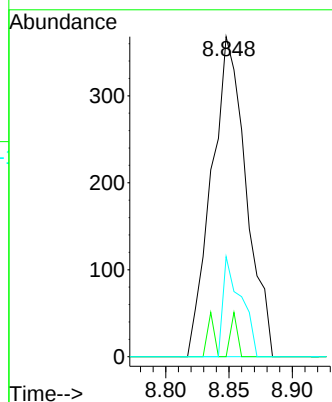
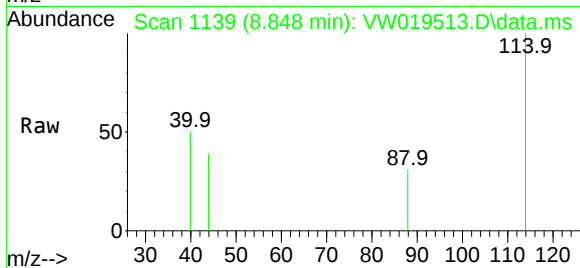




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

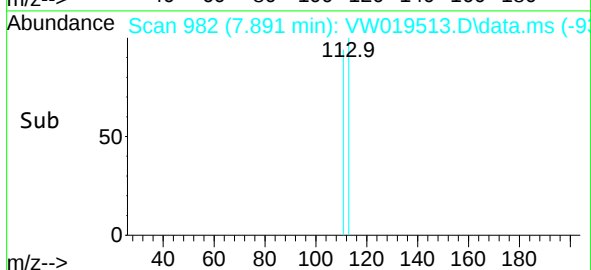
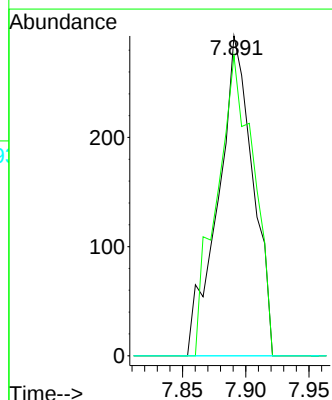
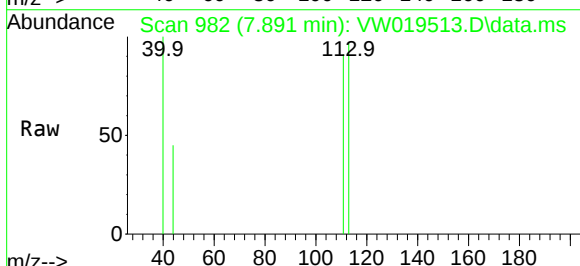
Instrument :
MSVOA_W
ClientSampleId :
CL-01-071621

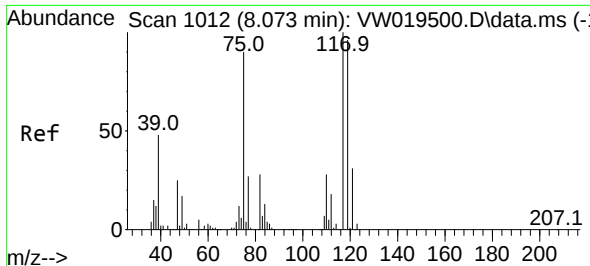
Tgt Ion:114	Resp:	700
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 43.8
88	31.3	0.0 33.4



#35
Dibromofluoromethane
Concen: 130.942 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

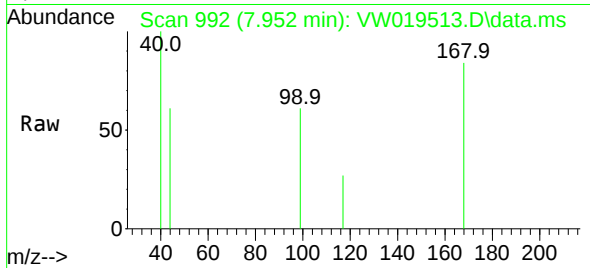
Tgt Ion:113	Resp:	560
Ion	Ratio	Lower Upper
113	100	
111	99.8	83.8 125.6
192	0.0	15.4 23.2#



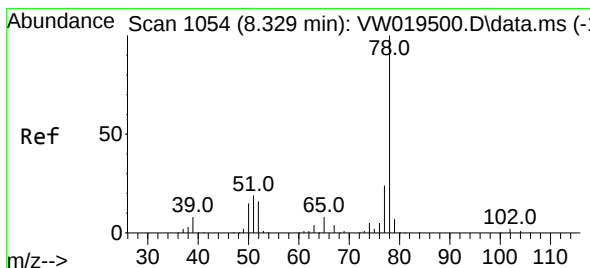
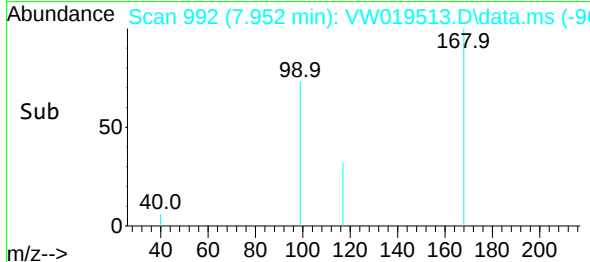
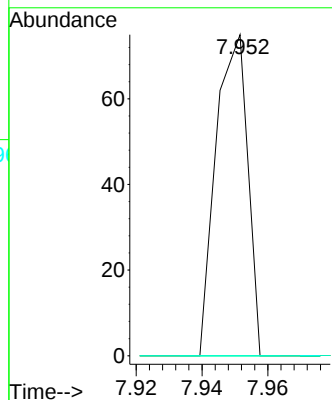


#38
Carbon Tetrachloride
Concen: 7.670 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
CL-01-071621

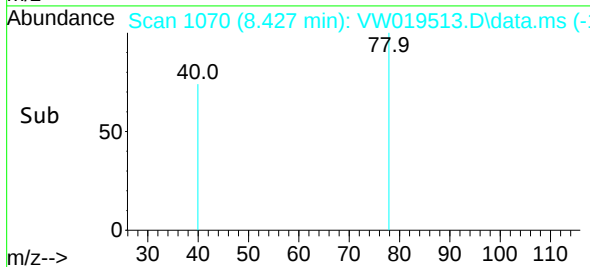
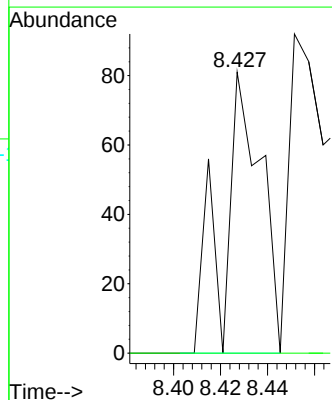
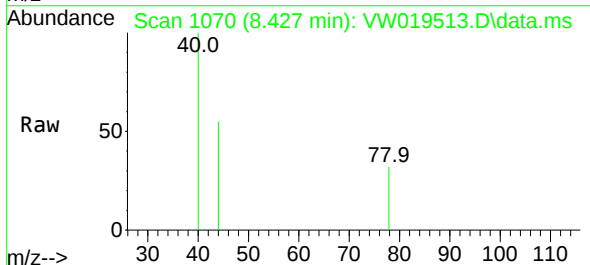


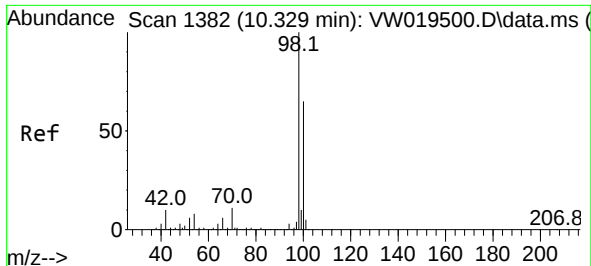
Tgt Ion:117 Resp: 50
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 4.357 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.098 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Tgt Ion: 78 Resp: 91
Ion Ratio Lower Upper
78 100
77 0.0 19.2 28.8#

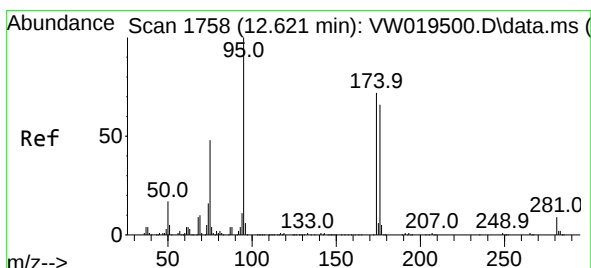
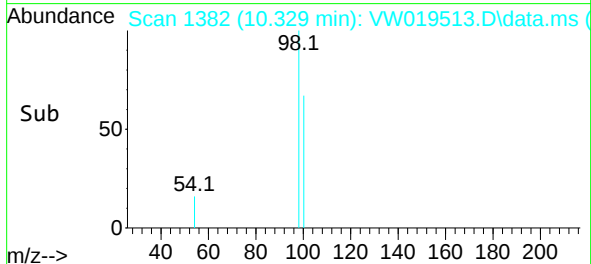
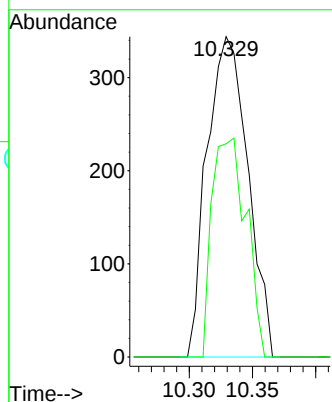
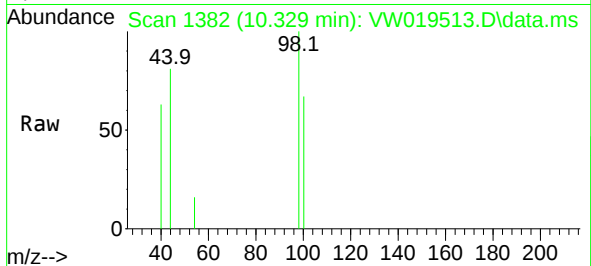




#50
Toluene-d8
Concen: 46.683 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

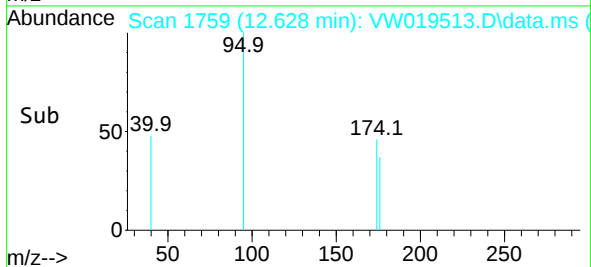
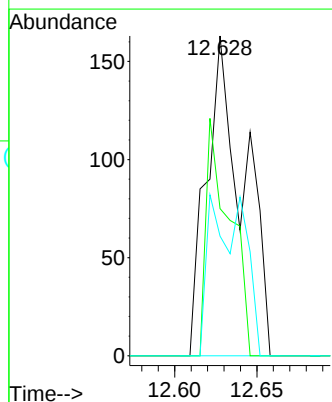
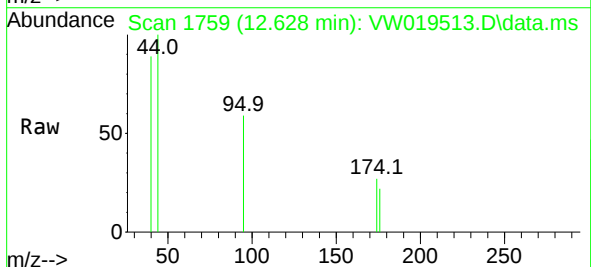
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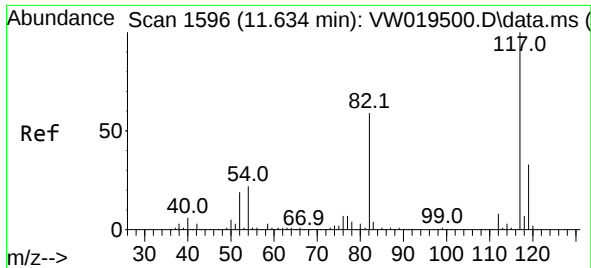
Tgt Ion: 98 Resp: 773
Ion Ratio Lower Upper
98 100
100 57.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 41.055 ug/l
RT: 12.628 min Scan# 1759
Delta R.T. 0.007 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Tgt Ion: 95 Resp: 255
Ion Ratio Lower Upper
95 100
174 47.5 0.0 146.6
176 47.1 0.0 136.8

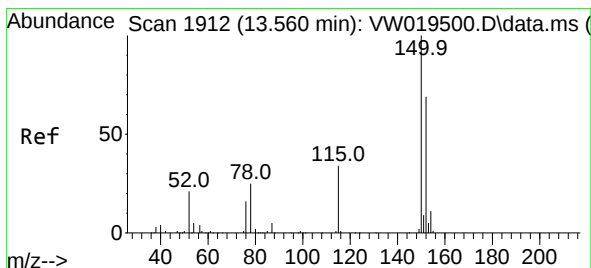
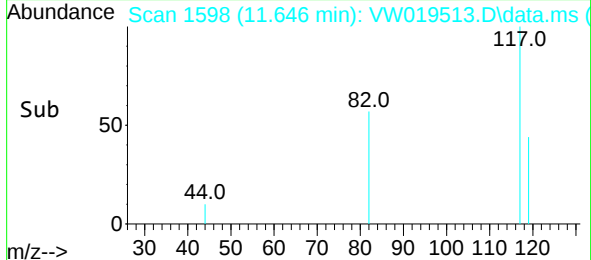
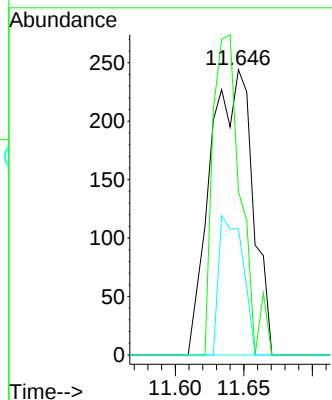
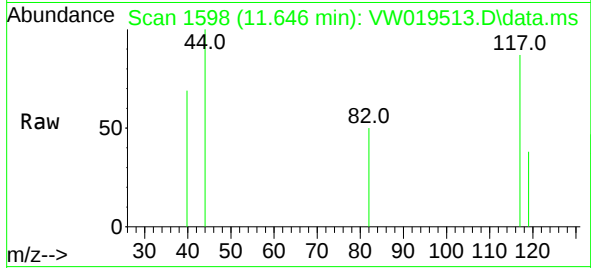




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.646 min Scan# 1598
Delta R.T. 0.012 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

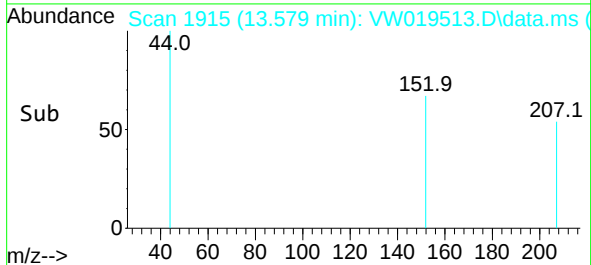
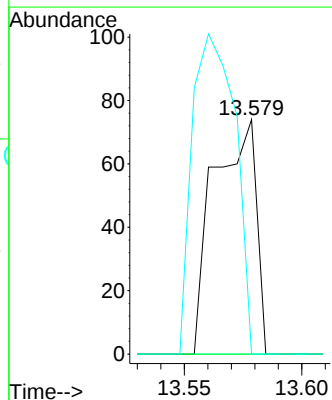
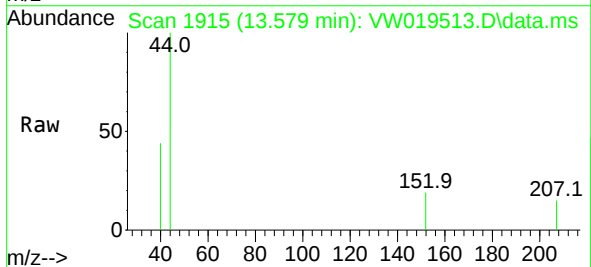
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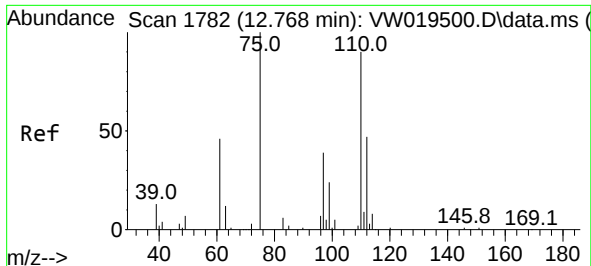
Tgt Ion:117 Resp: 525
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.0
119 44.3 26.6 39.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.018 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Tgt Ion:152 Resp: 92
Ion Ratio Lower Upper
152 100
115 0.0 30.6 91.8#
150 139.1 0.0 342.4

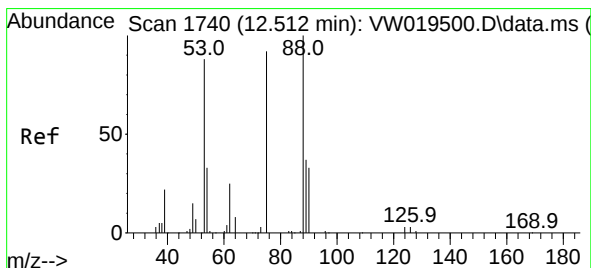
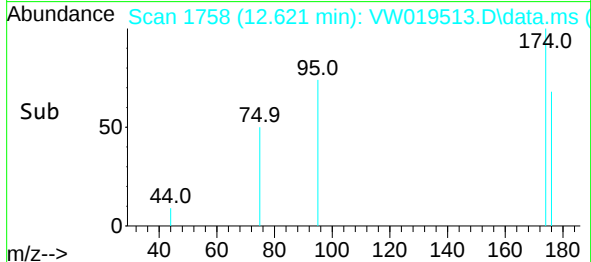
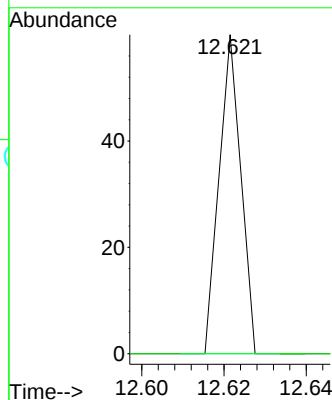
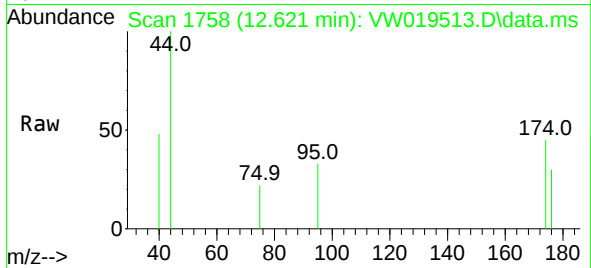




#76
1,2,3-Trichloropropane
Concen: 24.196 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Instrument :
MSVOA_W
ClientSampled :
CL-01-071621

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 55.141 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW019513.D
Acq: 20 Jul 2021 15:59

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 35.7 53.5#

