

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019276.D
 Acq On : 22 Jun 2021 18:10
 Operator : SY/VA
 Sample : M2746-02
 Misc : 13.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:43:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

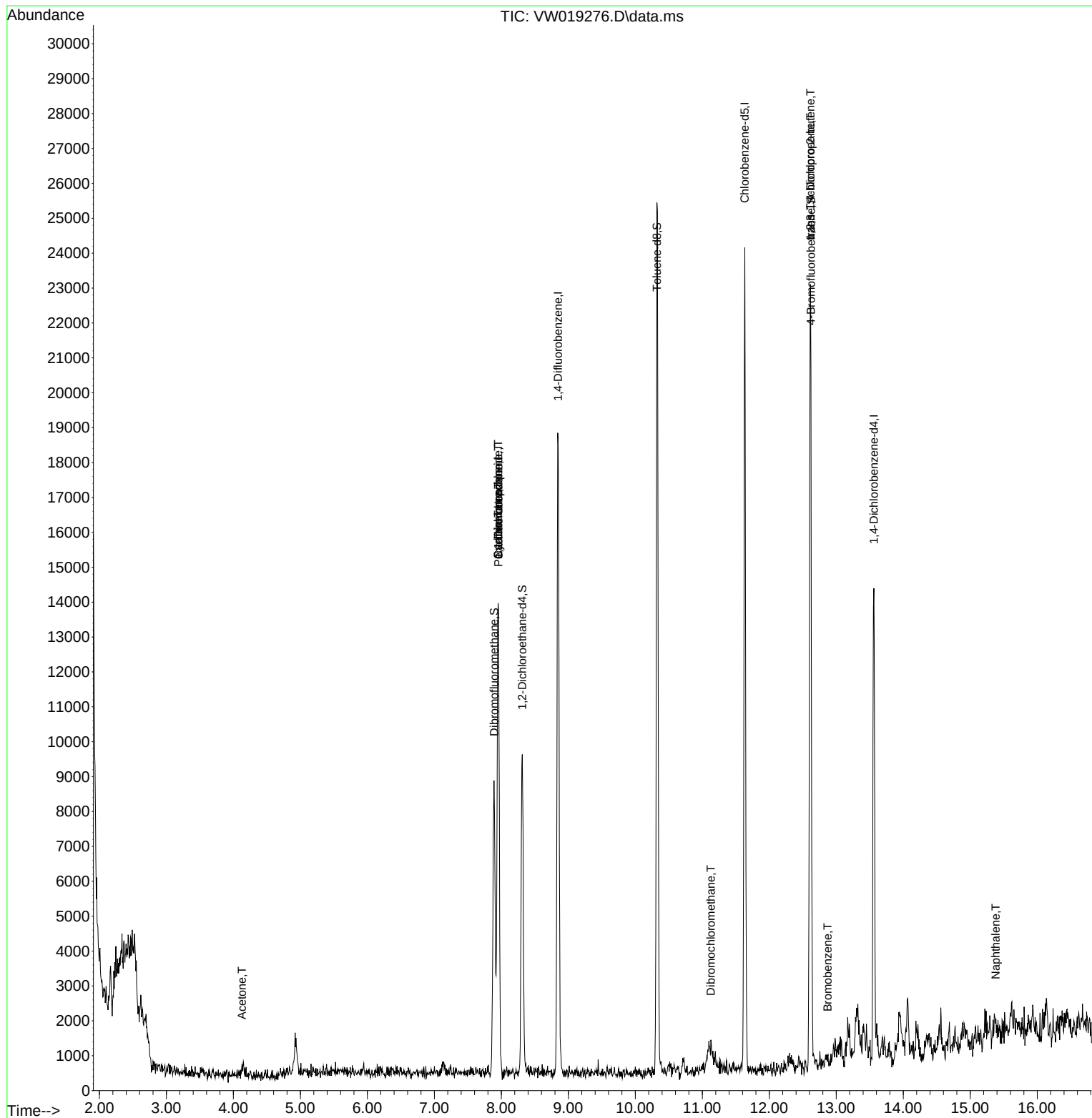
Internal Standards						
1) Pentafluorobenzene	7.958	168	10048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	16138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	12056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	3867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	7948	65.207	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.420%	
35) Dibromofluoromethane	7.891	113	6165	59.977	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.960%	
50) Toluene-d8	10.323	98	16927	41.137	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.280%	
62) 4-Bromofluorobenzene	12.622	95	4370	30.366	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.129	43	323	16.511	ug/l #	42
20) Methylene Chloride	4.940	84	447	Below Cal	#	70
31) Cyclohexane	7.952	56	281	1.356	ug/l #	68
36) 1,1-Dichloropropene	7.952	75	1051	6.154	ug/l #	42
38) Carbon Tetrachloride	7.952	117	1116	7.475	ug/l #	12
60) Dibromochloromethane	11.128	129	168	1.868	ug/l #	11
76) 1,2,3-Trichloropropane	12.615	75	2612	68.948	ug/l #	100
77) Bromobenzene	12.871	156	374	6.041	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	2612	167.264	ug/l #	9
95) Naphthalene	15.377	128	387	2.910	ug/l #	79

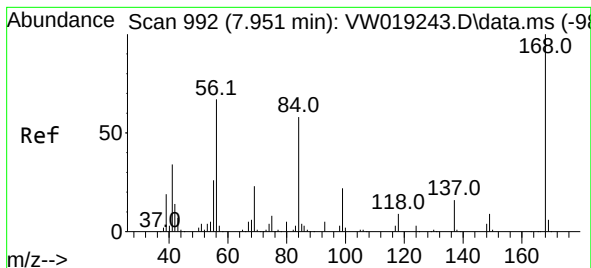
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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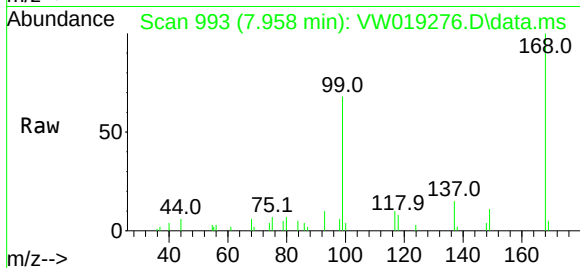
Quant Time: Jun 23 05:43:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
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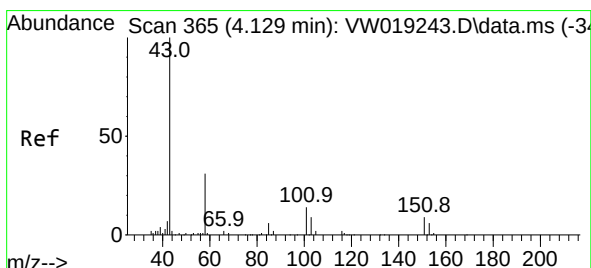
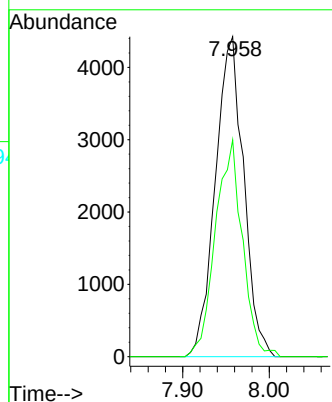
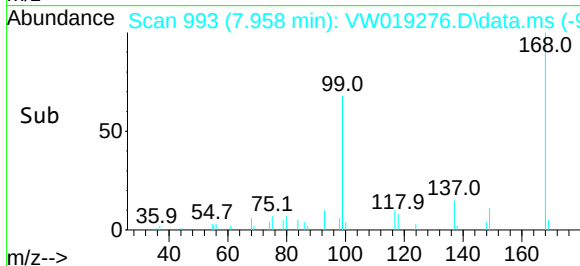


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

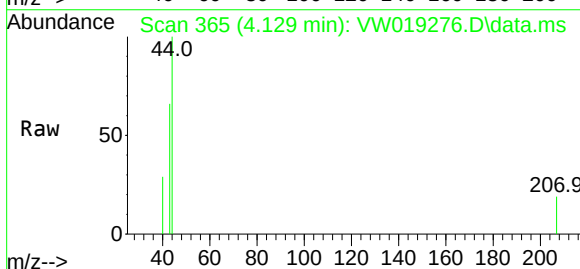
Instrument :
MSVOA_W
ClientSampled :



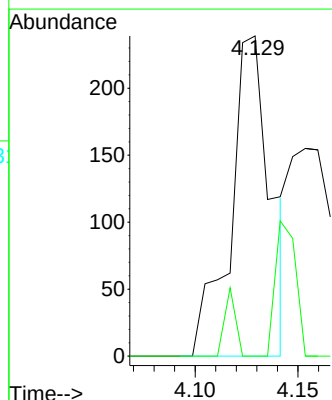
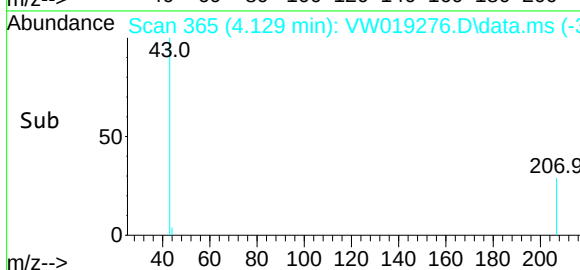
Tgt Ion:168 Resp: 10048
Ion Ratio Lower Upper
168 100
99 67.7 48.8 73.2

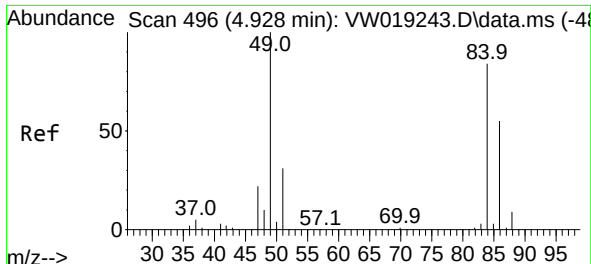


#16
Acetone
Concen: 16.511 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10



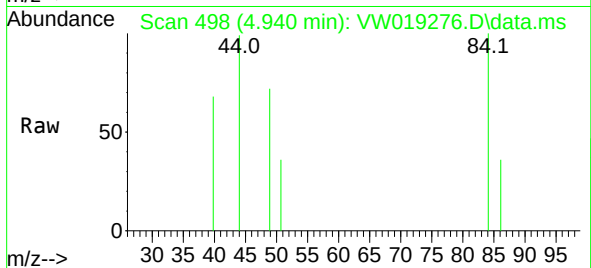
Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



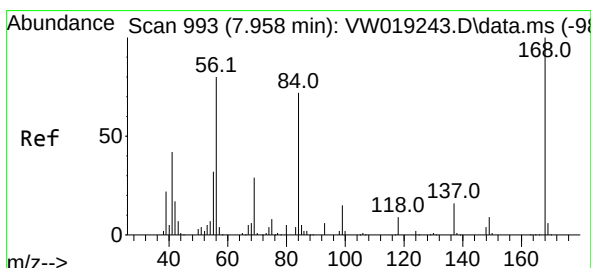
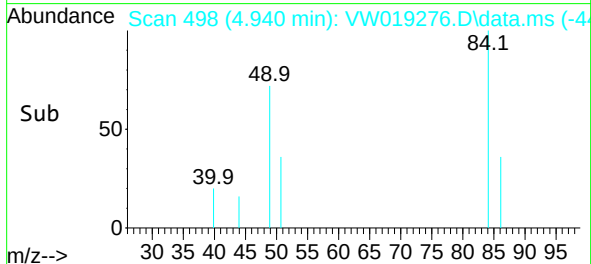
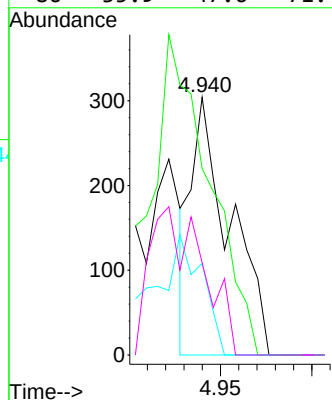


#20
Methylene Chloride
Concen: Below Cal
RT: 4.940 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

Instrument :
MSVOA_W
ClientSampled :

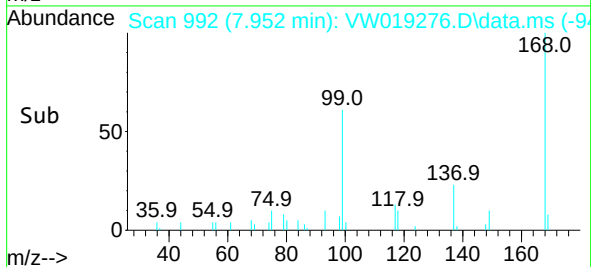
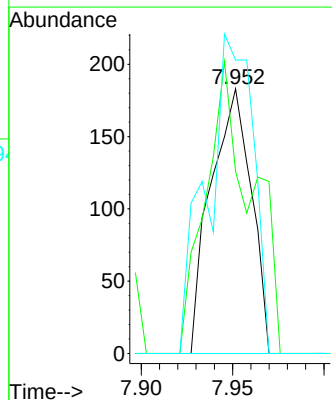
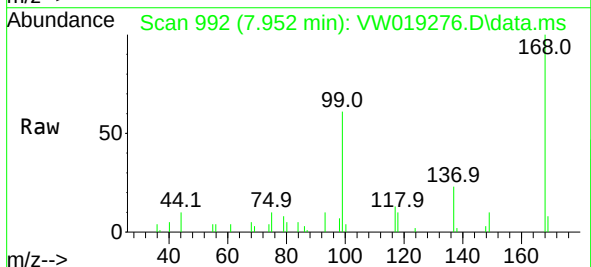


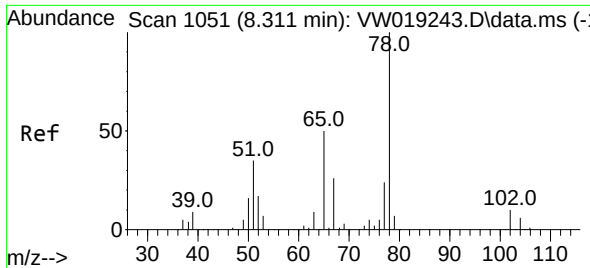
Tgt Ion:	84	Resp:	447
Ion	Ratio	Lower	Upper
84	100		
49	72.4	90.4	135.6#
51	35.5	27.1	40.7
86	35.9	47.6	71.4#



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

Tgt Ion:	56	Resp:	281
Ion	Ratio	Lower	Upper
56	100		
69	68.9	28.4	42.6#
84	110.9	72.3	108.5#

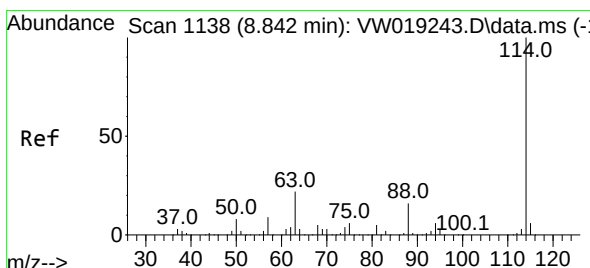
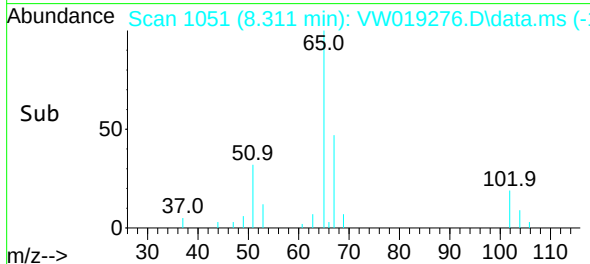
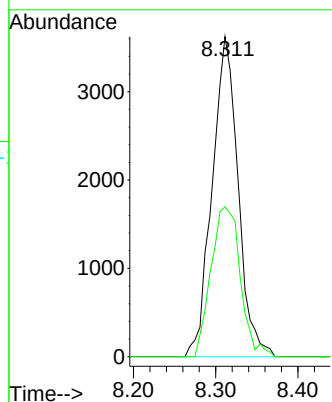
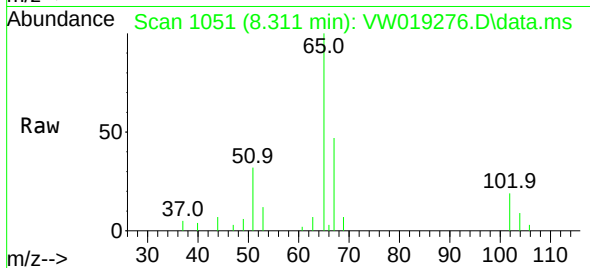




#33
 1,2-Dichloroethane-d4
 Concen: 65.207 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VW019276.D
 Acq: 22 Jun 2021 18:10

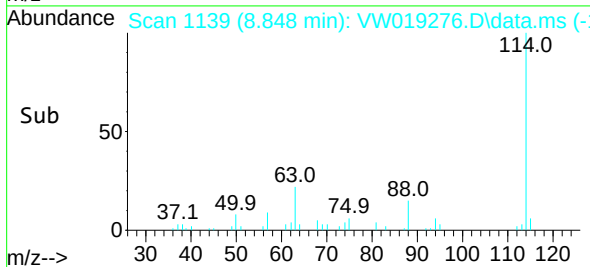
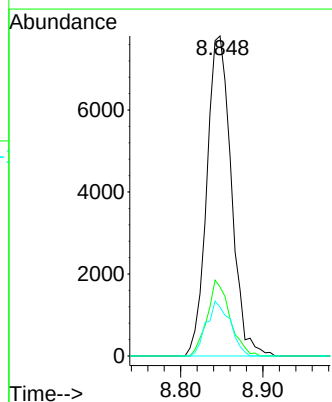
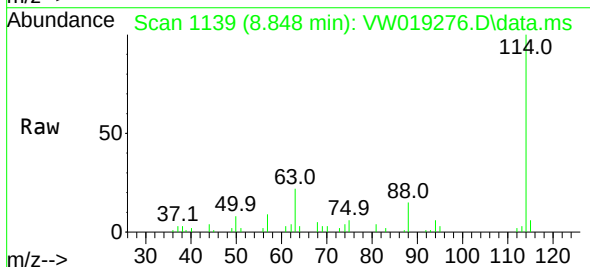
Instrument :
 MSVOA_W
 ClientSampled :

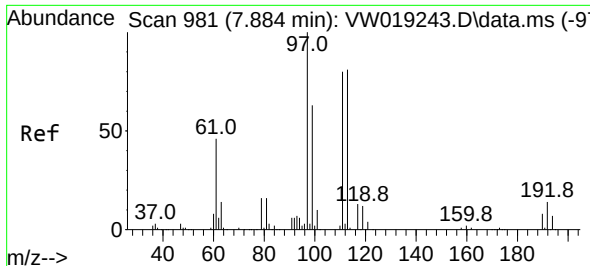
Tgt Ion: 65 Resp: 7948
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW019276.D
 Acq: 22 Jun 2021 18:10

Tgt Ion: 114 Resp: 16138
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 59.977 ug/l

RT: 7.891 min Scan# 982

Delta R.T. 0.007 min

Lab File: VW019276.D

Acq: 22 Jun 2021 18:10

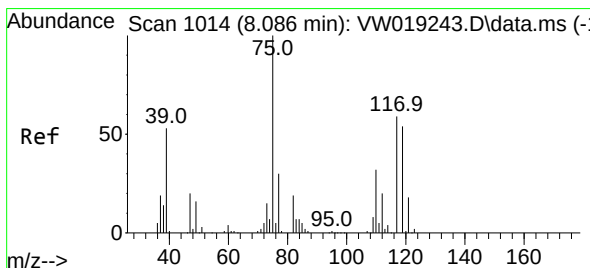
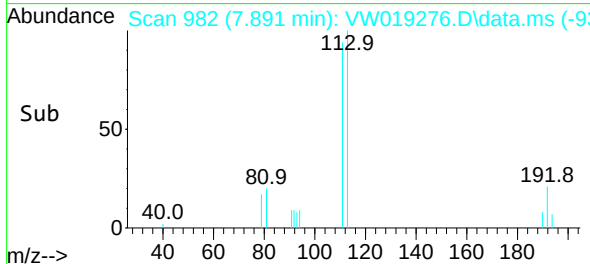
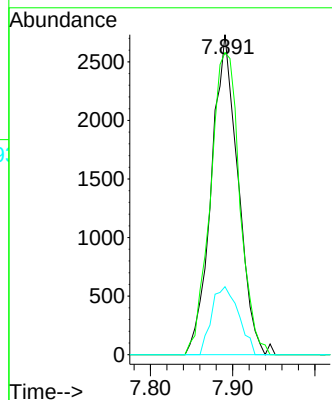
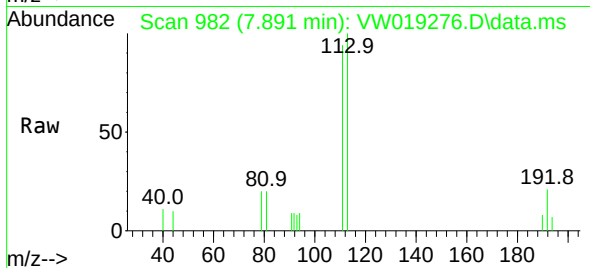
Tgt Ion:113 Resp: 6165

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 21.4 15.3 22.9



#36

1,1-Dichloropropene

Concen: 6.154 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.134 min

Lab File: VW019276.D

Acq: 22 Jun 2021 18:10

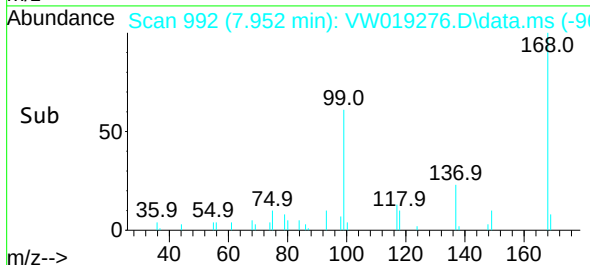
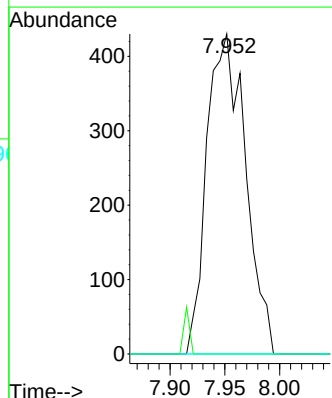
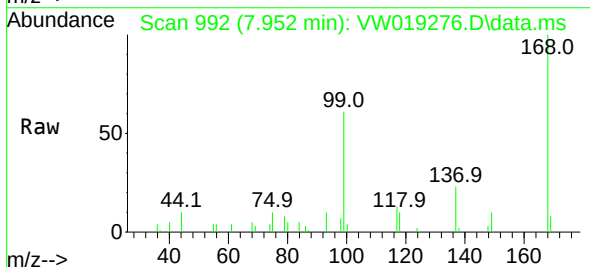
Tgt Ion: 75 Resp: 1051

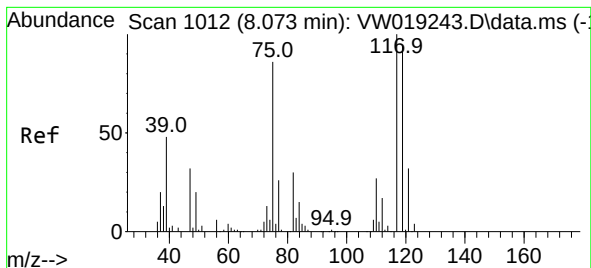
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.475 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

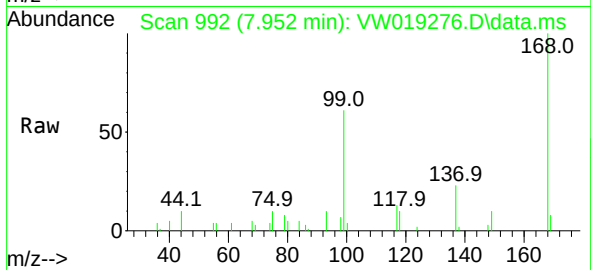
Lab File: VW019276.D

Acq: 22 Jun 2021 18:10

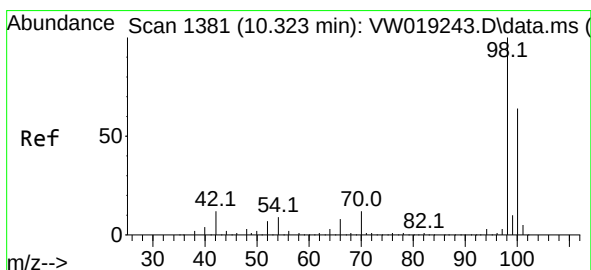
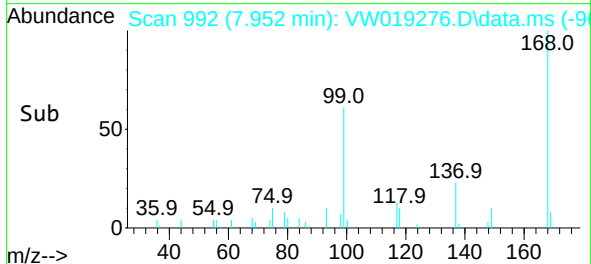
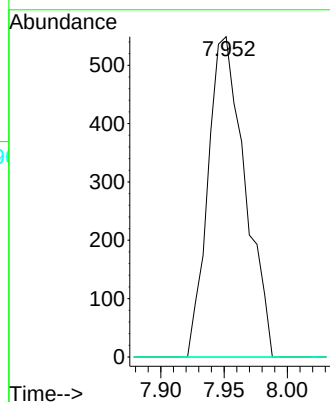
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	117	Resp:	1116
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
121	0.0	23.6	35.4#



#50

Toluene-d8

Concen: 41.137 ug/l

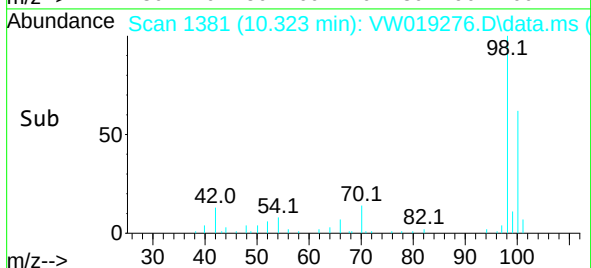
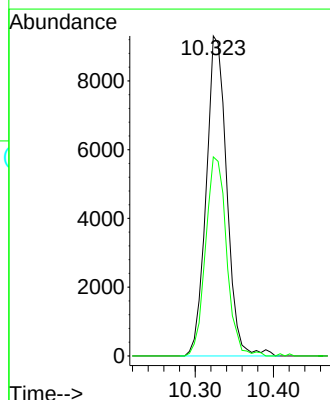
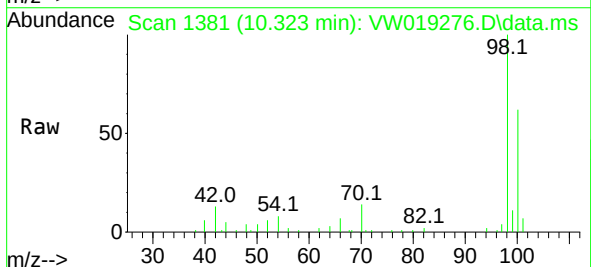
RT: 10.323 min Scan# 1381

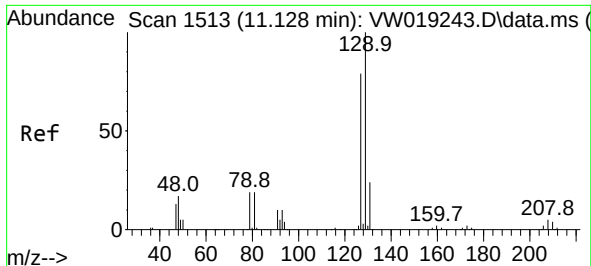
Delta R.T. 0.000 min

Lab File: VW019276.D

Acq: 22 Jun 2021 18:10

Tgt Ion:	98	Resp:	16927
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

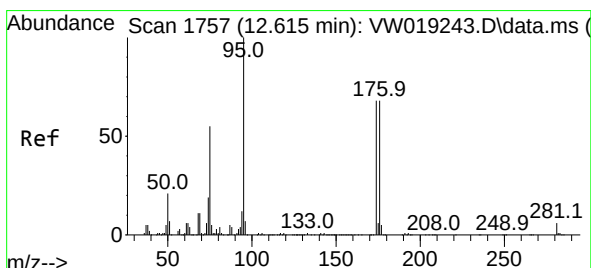
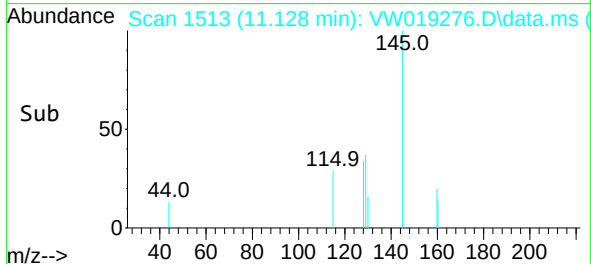
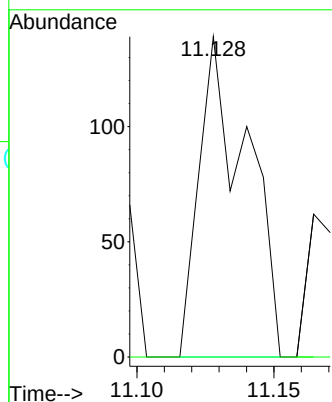
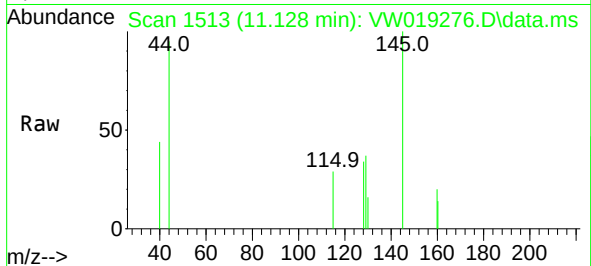




#60
Dibromochloromethane
Concen: 1.868 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

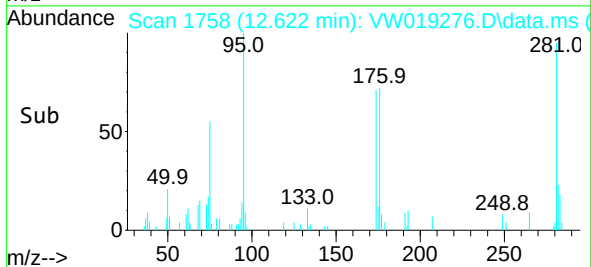
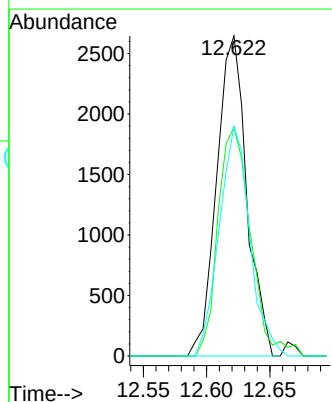
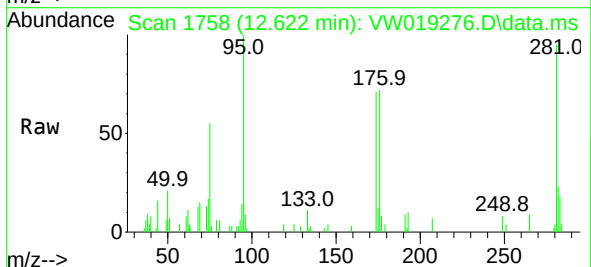
Instrument :
MSVOA_W
ClientSampled :

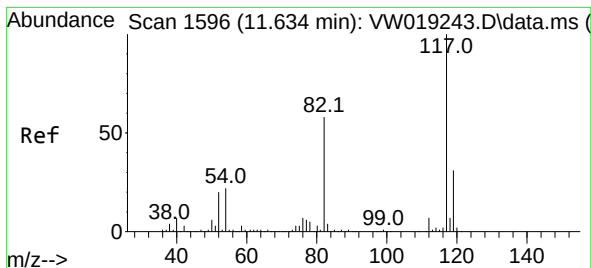
Tgt Ion:129 Resp: 168
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#



#62
4-Bromofluorobenzene
Concen: 30.366 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.007 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

Tgt Ion: 95 Resp: 4370
Ion Ratio Lower Upper
95 100
174 77.8 0.0 156.2
176 73.3 0.0 160.8

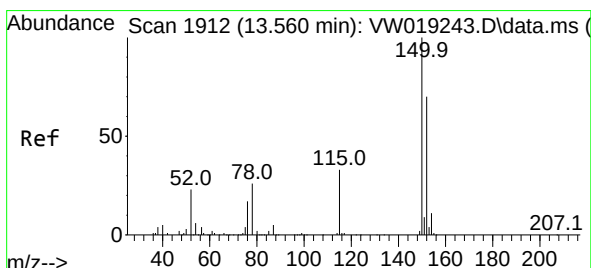
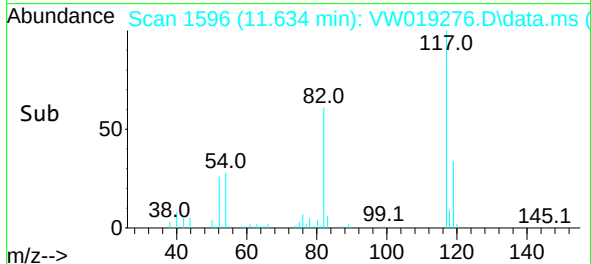
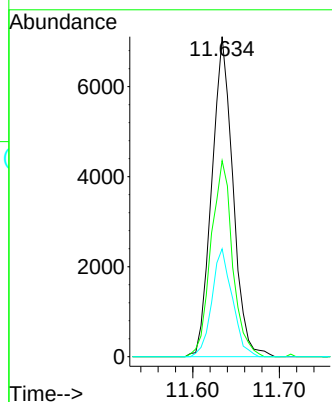
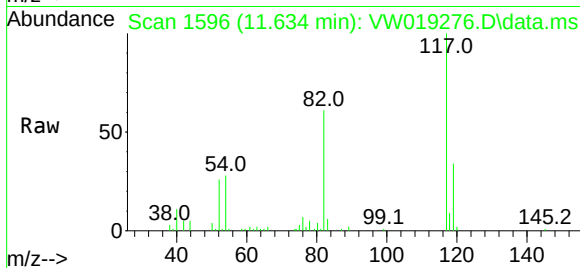




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

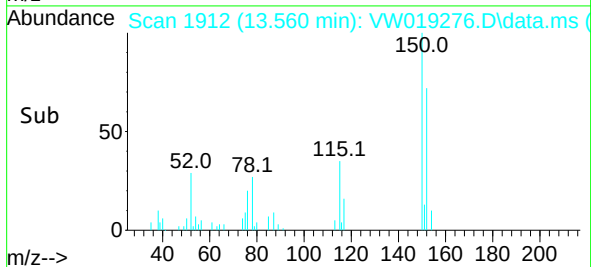
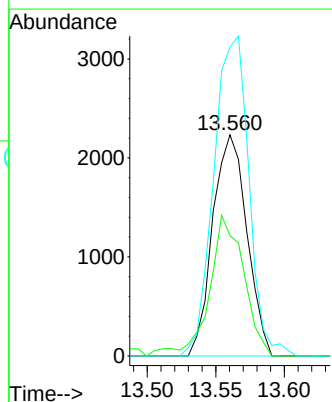
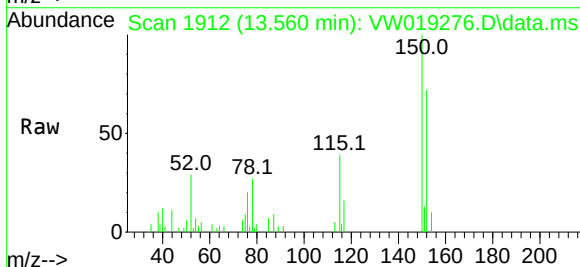
Instrument :
MSVOA_W
ClientSampleId :

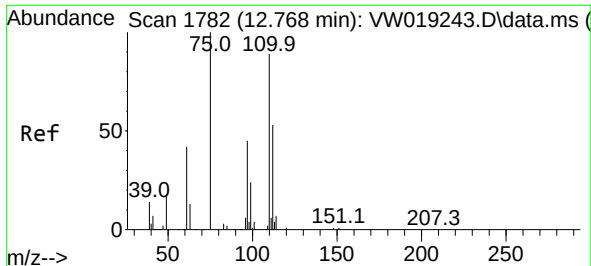
Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.3	44.4	66.6
119	33.7	24.6	36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.3	90.8
150	148.9	0.0	356.0

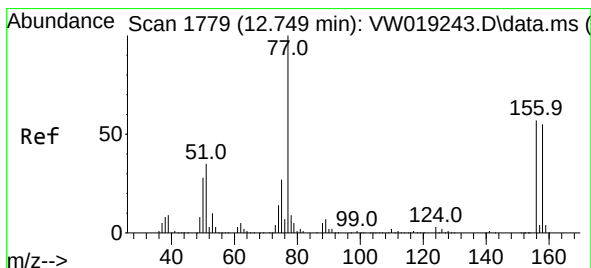
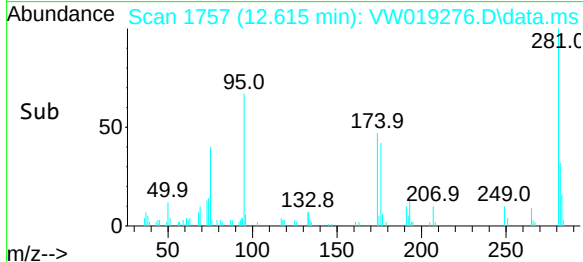
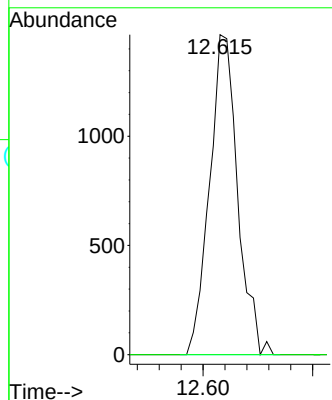
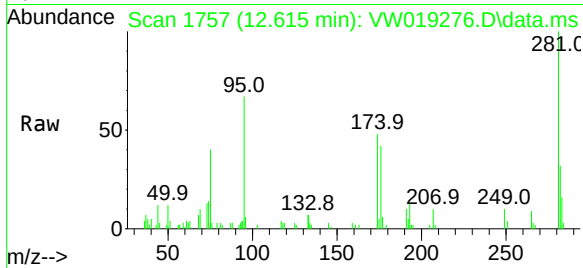




#76
1,2,3-Trichloropropane
Concen: 68.948 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

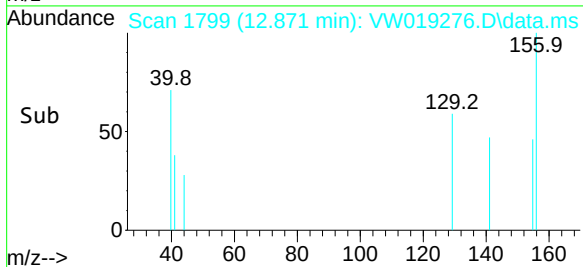
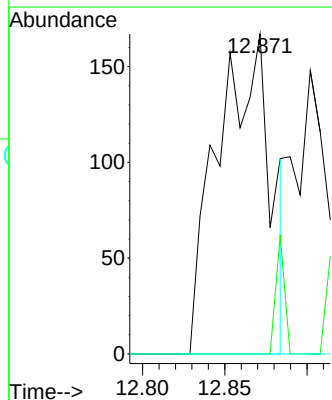
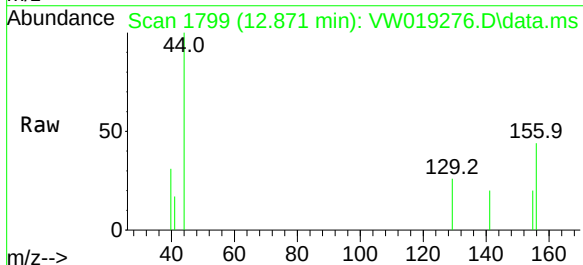
Instrument :
MSVOA_W
ClientSampleId :

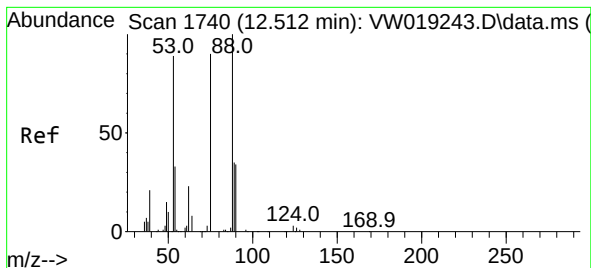
Tgt Ion: 75 Resp: 2612
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 6.041 ug/l
RT: 12.871 min Scan# 1799
Delta R.T. 0.122 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

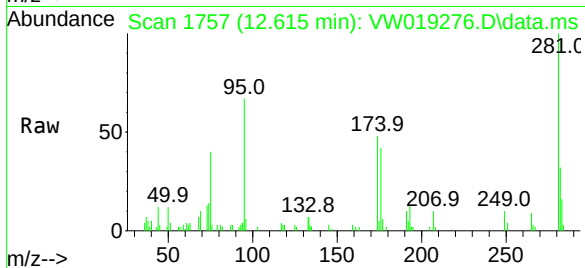
Tgt Ion: 156 Resp: 374
Ion Ratio Lower Upper
156 100
77 6.1 96.7 290.0#
158 0.0 48.4 145.3#



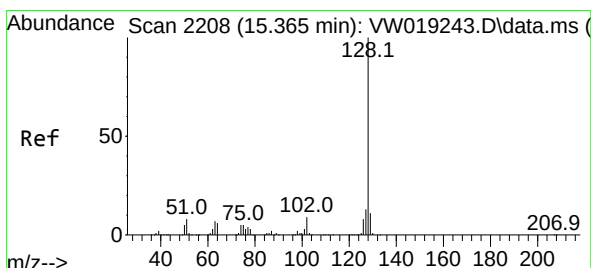
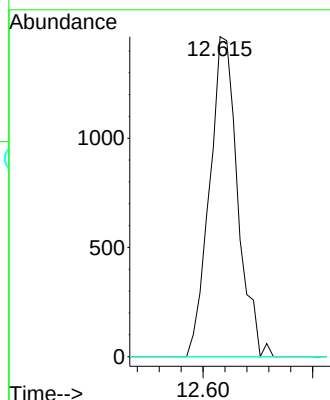
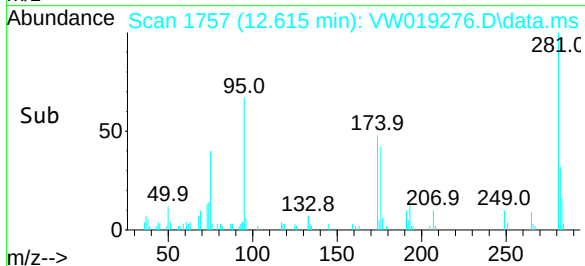


#81
trans-1,4-Dichloro-2-butene
Concen: 167.264 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10

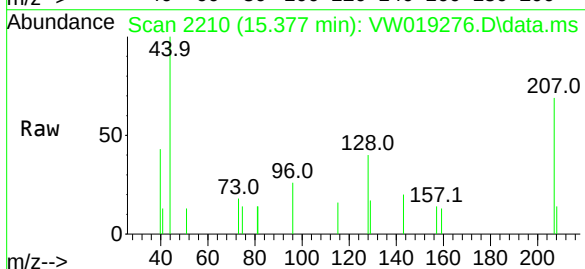
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 75 Resp: 2612
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 2.910 ug/l
RT: 15.377 min Scan# 2210
Delta R.T. 0.012 min
Lab File: VW019276.D
Acq: 22 Jun 2021 18:10



Tgt Ion: 128 Resp: 387
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 13.2 8.5 12.7#

