

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020942.D
 Acq On : 22 Nov 2021 17:25
 Operator : SY/VA
 Sample : M4758-25RE
 Misc : 5.04g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 23 02:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

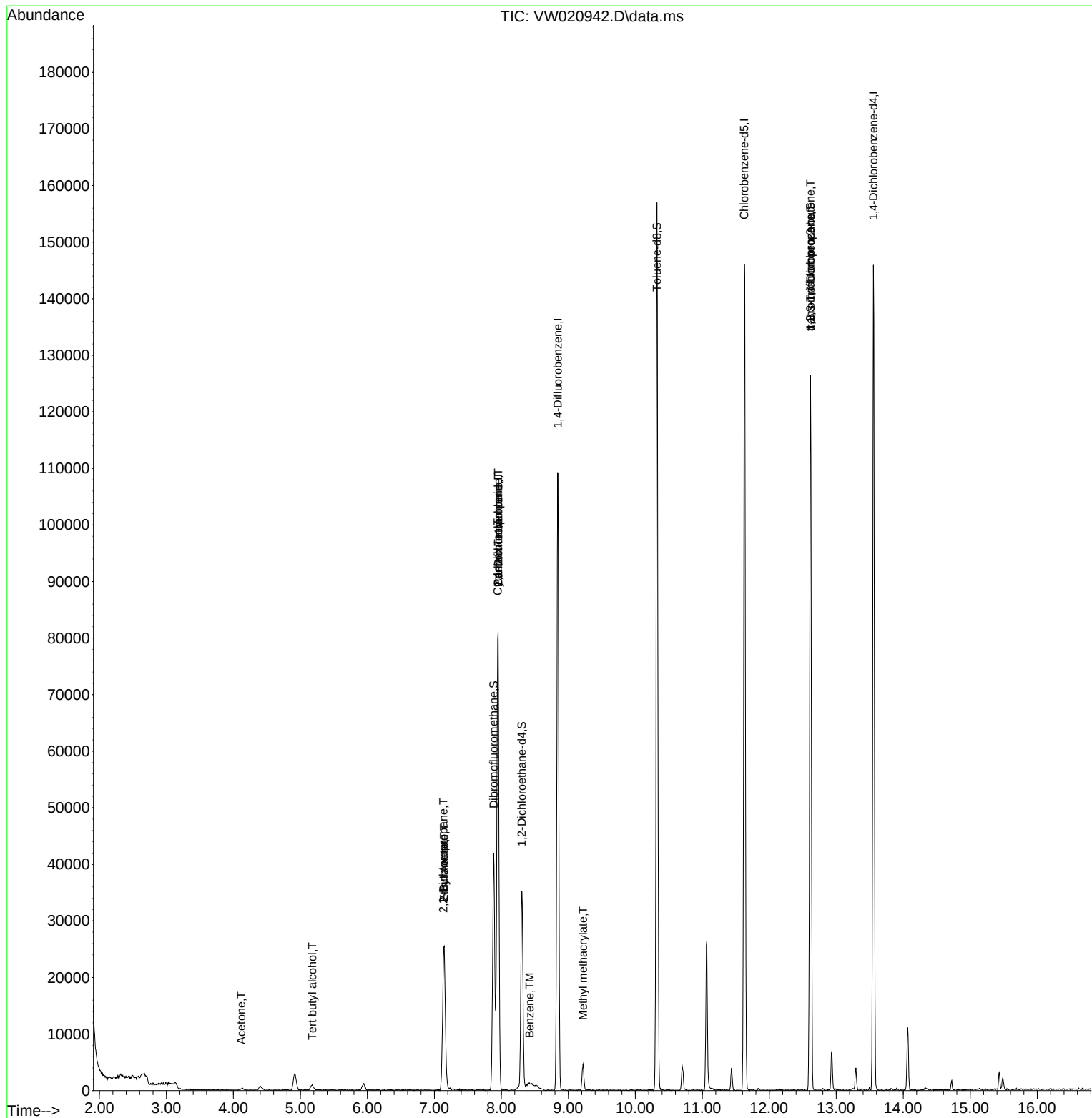
Internal Standards						
1) Pentafluorobenzene	7.952	168	64460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	92308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	82705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	39569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	27717	46.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.840%		
35) Dibromofluoromethane	7.885	113	28720	49.602	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.200%		
50) Toluene-d8	10.323	98	101827	47.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.900%		
62) 4-Bromofluorobenzene	12.615	95	35065	44.276	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.560%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.178	59	1673	31.803	ug/l #	97
16) Acetone	4.117	43	716	5.769	ug/l #	44
20) Methylene Chloride	4.922	84	2344	Below Cal	#	87
25) 2-Butanone	7.147	43	1331	7.550	ug/l #	49
26) 2,2-Dichloropropane	7.135	77	1750	2.402	ug/l #	52
31) Cyclohexane	7.945	56	1313	1.318	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	4366	5.265	ug/l #	48
37) Ethyl Acetate	7.147	43	1331	3.519	ug/l #	1
38) Carbon Tetrachloride	7.952	117	5997	6.798	ug/l #	18
40) Benzene	8.421	78	3424	1.448	ug/l	96
48) Methyl methacrylate	9.220	41	1297	3.928	ug/l #	36
76) 1,2,3-Trichloropropane	12.615	75	18266	51.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	18266	120.859	ug/l #	9

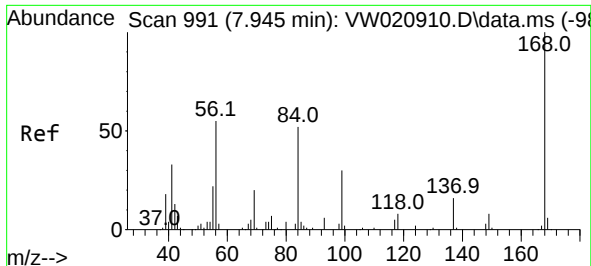
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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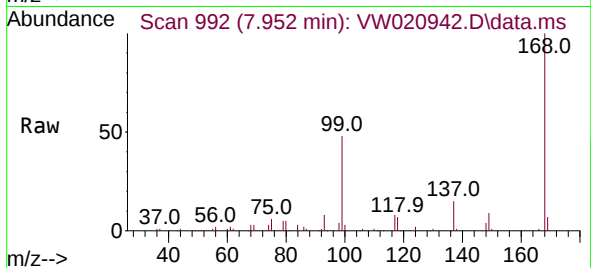
Quant Time: Nov 23 02:26:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 05:03:38 2021
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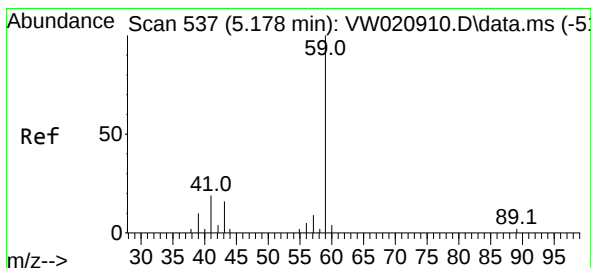
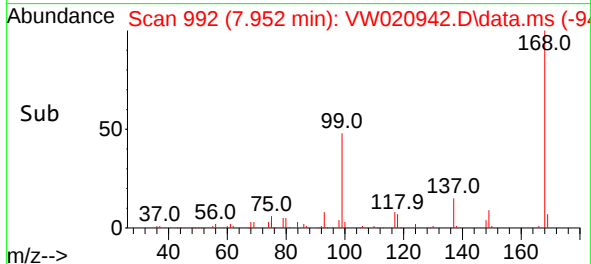
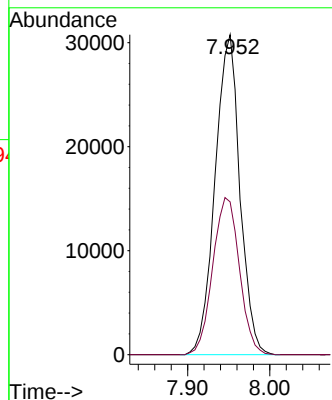


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 991
Delta R.T. 0.007 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Instrument :
MSVOA_W
ClientSampleId :

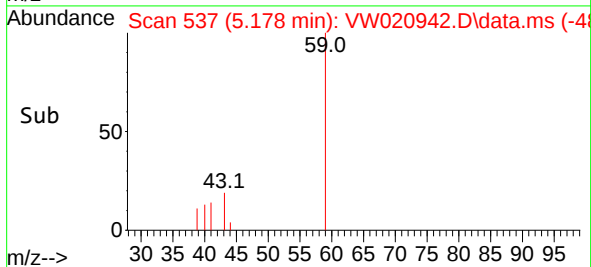
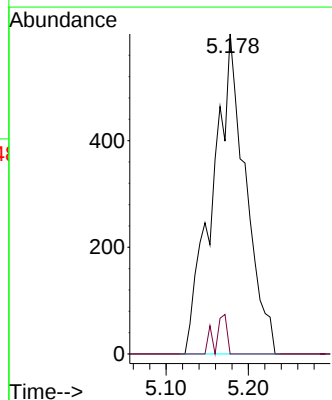
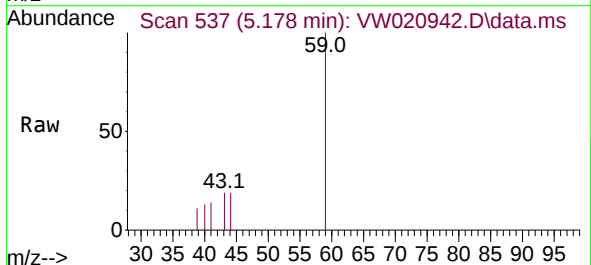


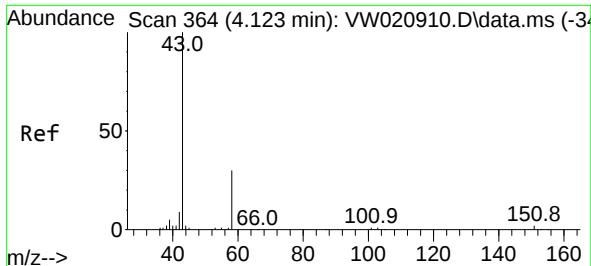
Tgt Ion:168 Resp: 64460
Ion Ratio Lower Upper
168 100
99 47.7 41.6 62.4



#11
Tert butyl alcohol
Concen: 31.803 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 59 Resp: 1673
Ion Ratio Lower Upper
59 100
57 4.2 4.3 6.5#

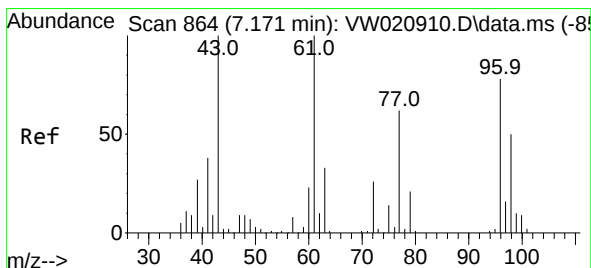
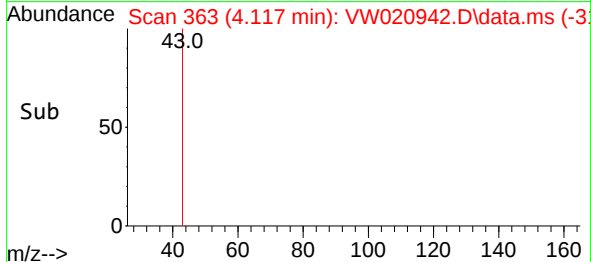
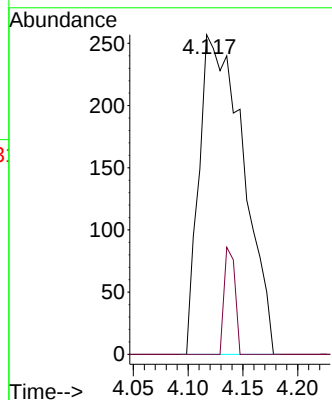
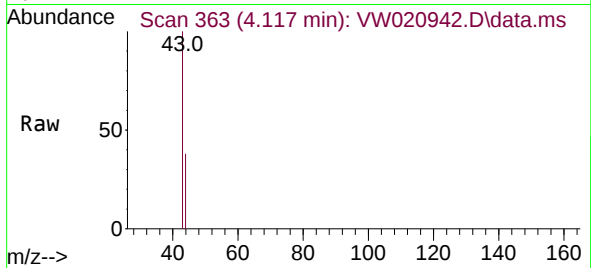




#16
Acetone
Concen: 5.769 ug/l
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

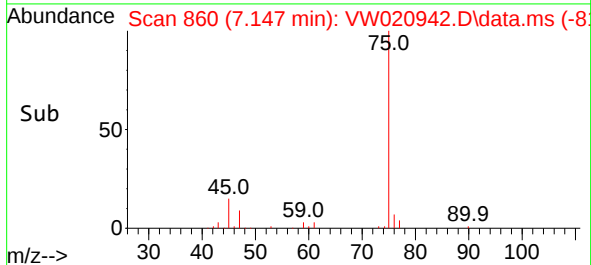
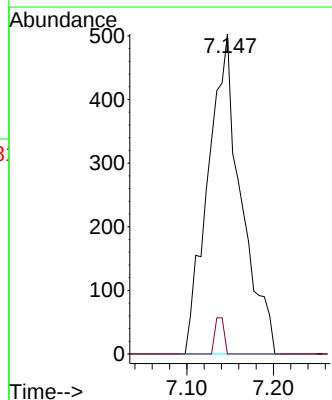
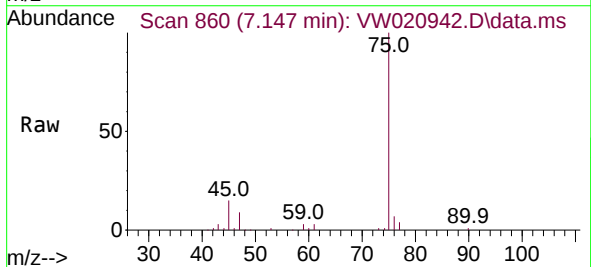
Instrument :
MSVOA_W
ClientSampleId :

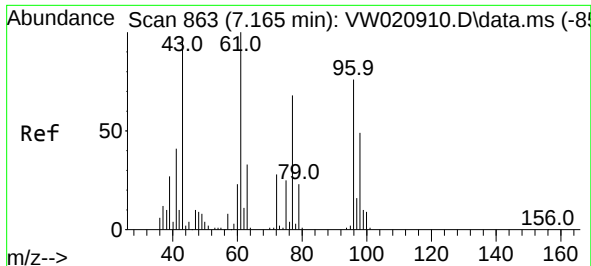
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#25
2-Butanone
Concen: 7.550 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#

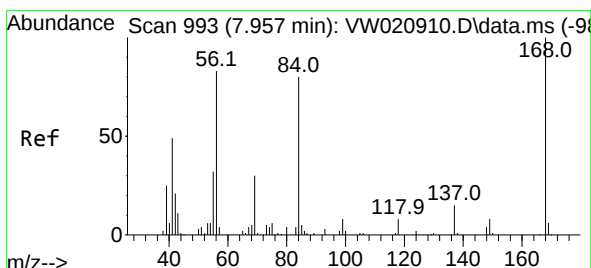
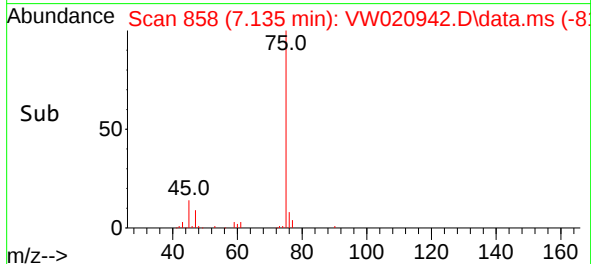
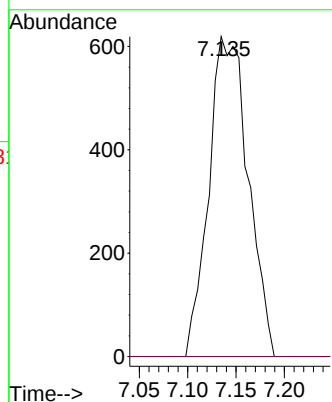
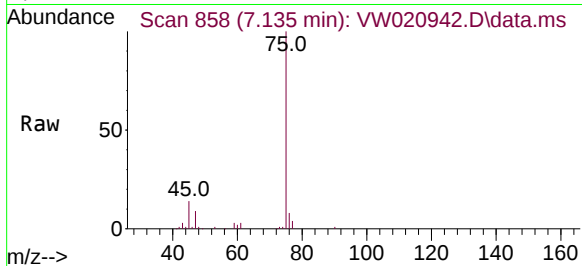




#26
2,2-Dichloropropane
Concen: 2.402 ug/l
RT: 7.135 min Scan# 81
Delta R.T. -0.030 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

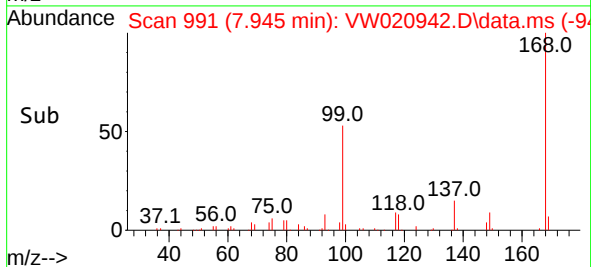
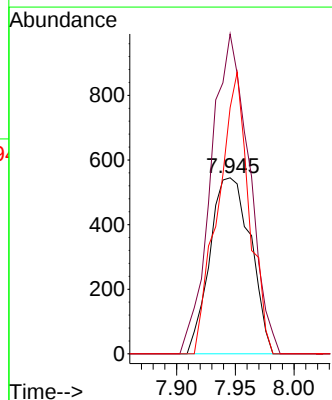
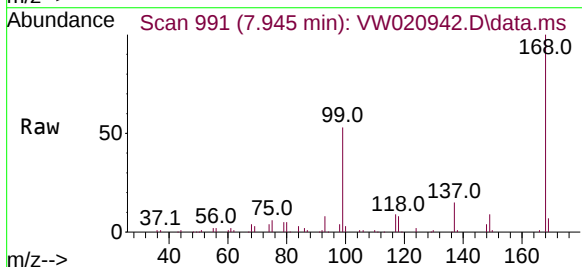
Instrument :
MSVOA_W
ClientSampleId :

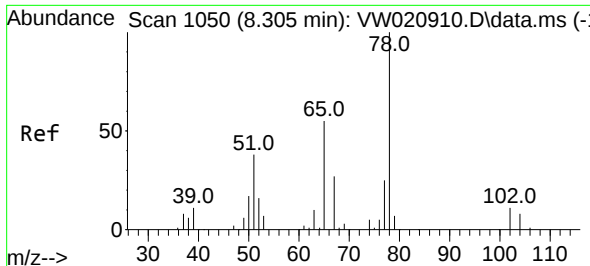
Tgt Ion: 77 Resp: 1750
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 56 Resp: 1313
Ion Ratio Lower Upper
56 100
69 181.7 28.7 43.1#
84 139.8 77.6 116.4#





#33

1,2-Dichloroethane-d4

Concen: 46.420 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

Instrument :

MSVOA_W

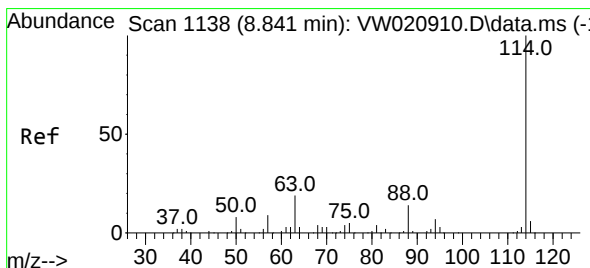
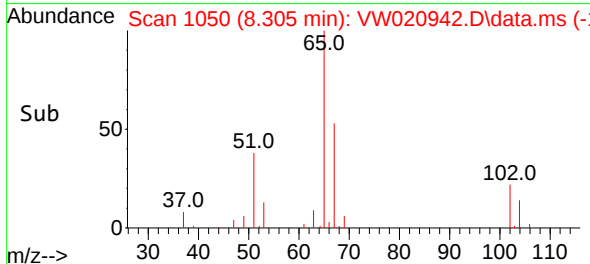
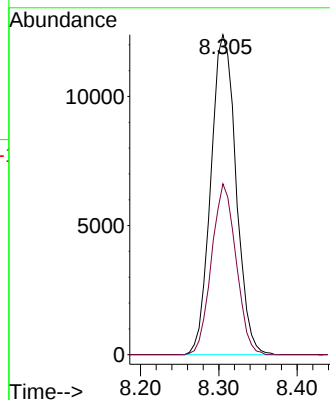
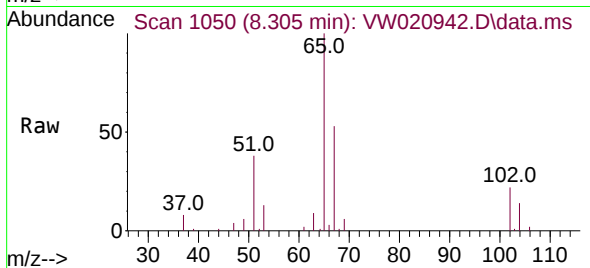
ClientSampleId :

Tgt Ion: 65 Resp: 27717

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

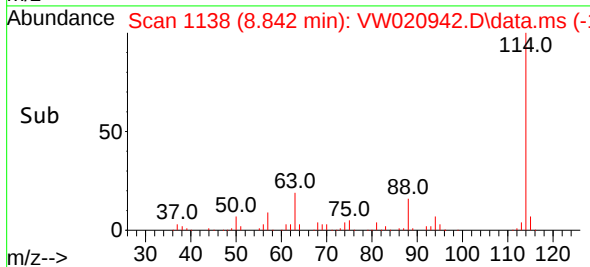
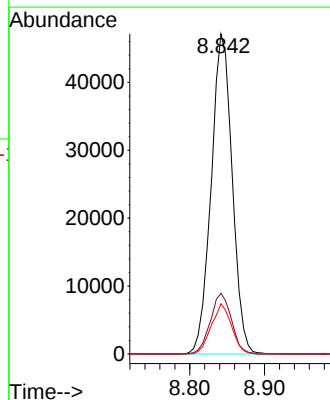
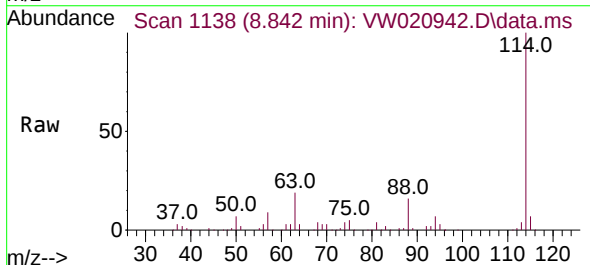
Tgt Ion: 114 Resp: 92308

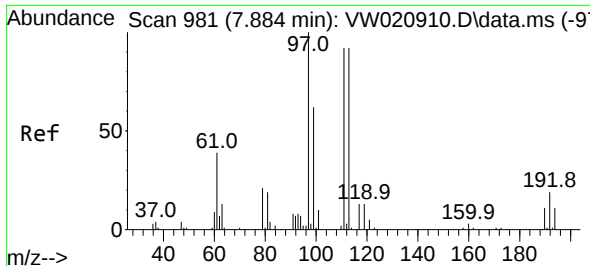
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

88 15.7 0.0 28.8

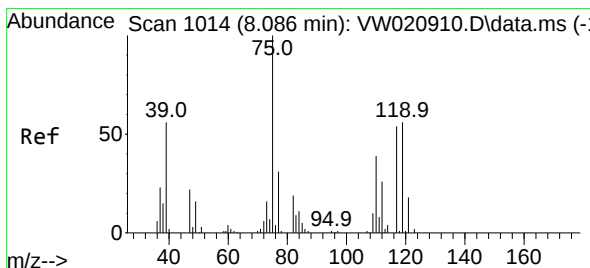
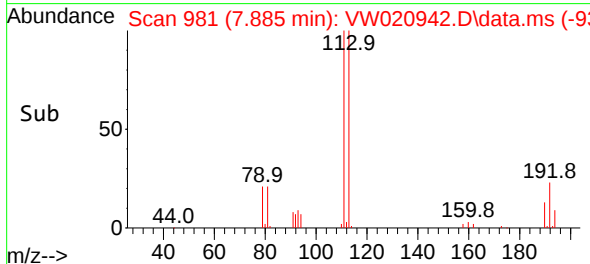
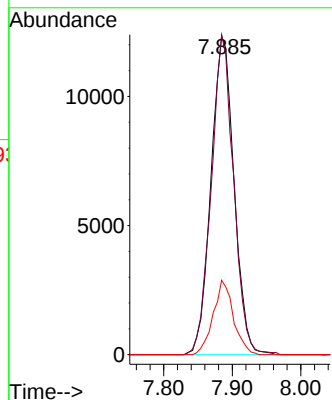
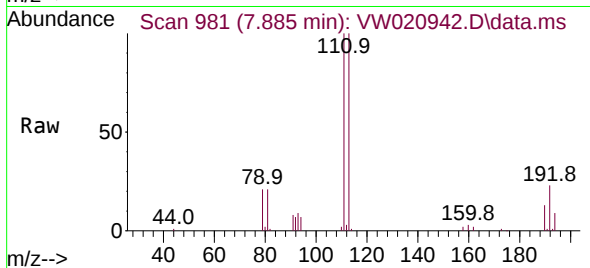




#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 7.885 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

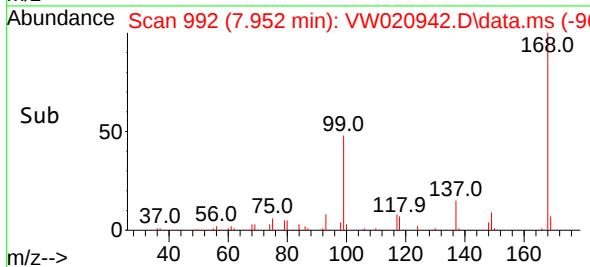
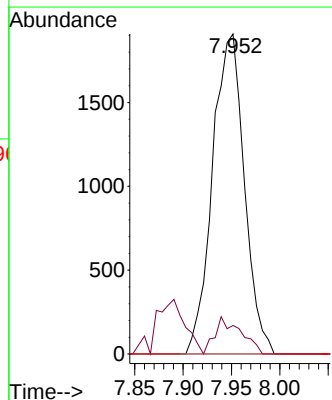
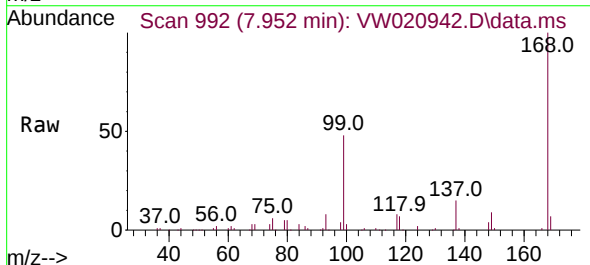
Instrument :
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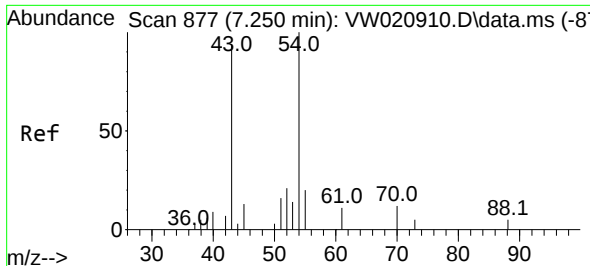
Tgt Ion:113 Resp: 28720
Ion Ratio Lower Upper
113 100
111 97.7 81.2 121.8
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.265 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 75 Resp: 4366
Ion Ratio Lower Upper
75 100
110 9.5 19.1 57.5#
77 0.0 24.8 37.2#

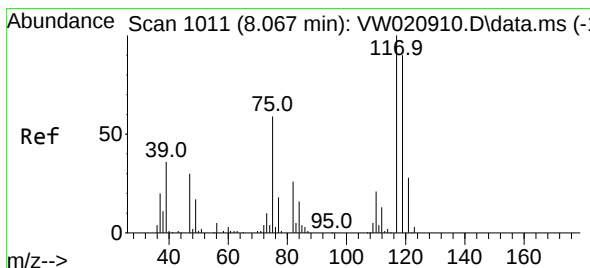
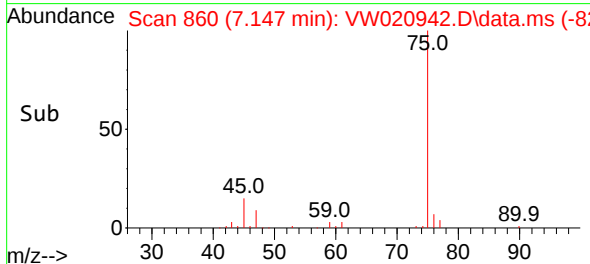
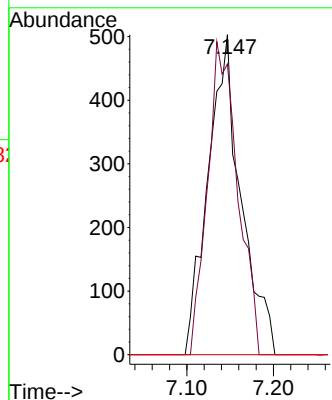
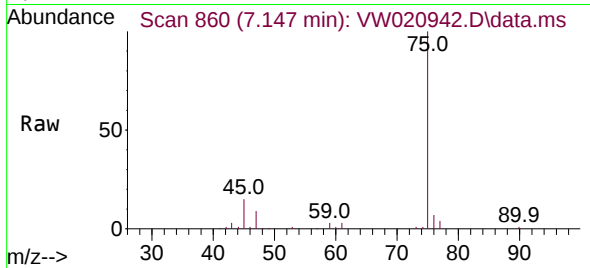




#37
Ethyl Acetate
Concen: 3.519 ug/l
RT: 7.147 min Scan# 80
Delta R.T. -0.103 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

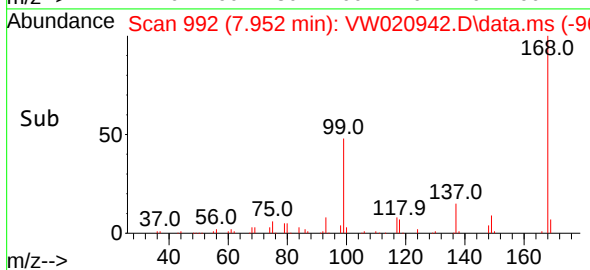
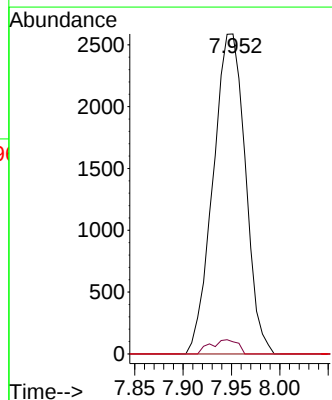
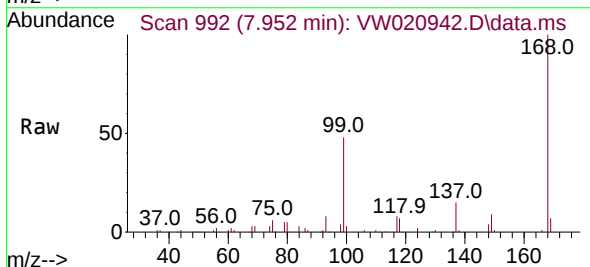
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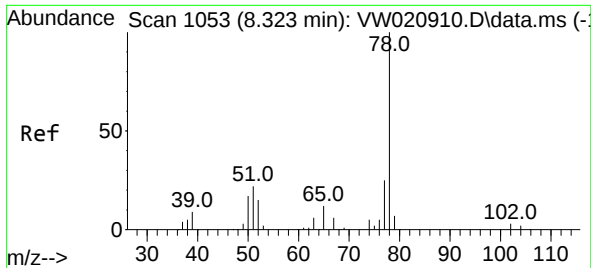
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
61 89.5 11.3 16.9#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.798 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.116 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 117 Resp: 5997
Ion Ratio Lower Upper
117 100
119 3.8 72.0 108.0#
121 0.0 22.6 33.8#





#40

Benzene

Concen: 1.448 ug/l

RT: 8.421 min Scan# 1069

Delta R.T. 0.098 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

Instrument :

MSVOA_W

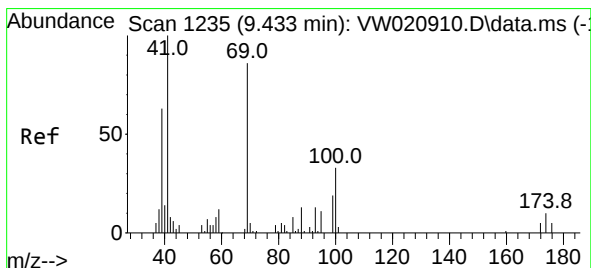
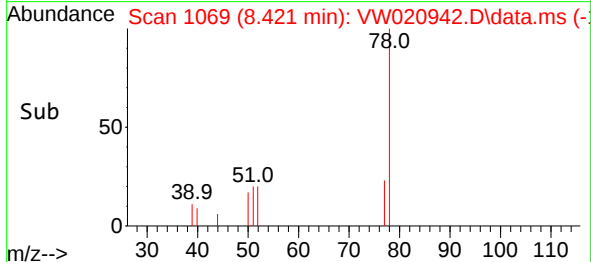
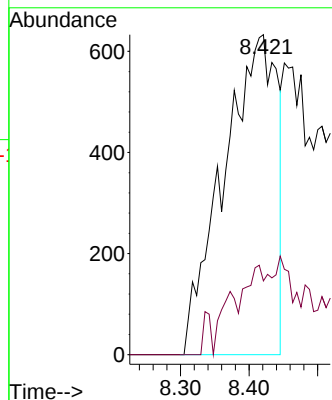
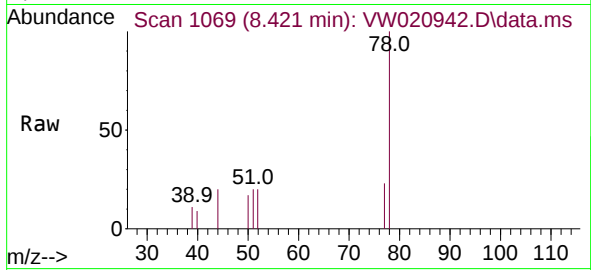
ClientSampleId :

Tgt Ion: 78 Resp: 3424

Ion Ratio Lower Upper

78 100

77 23.1 20.0 30.0



#48

Methyl methacrylate

Concen: 3.928 ug/l

RT: 9.220 min Scan# 1200

Delta R.T. -0.213 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

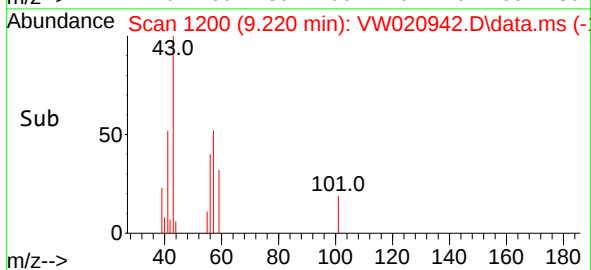
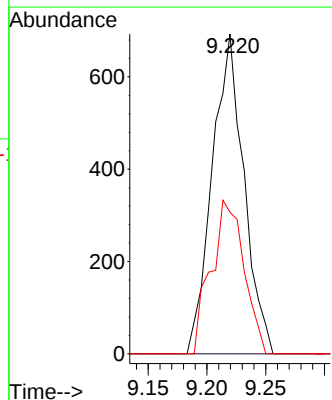
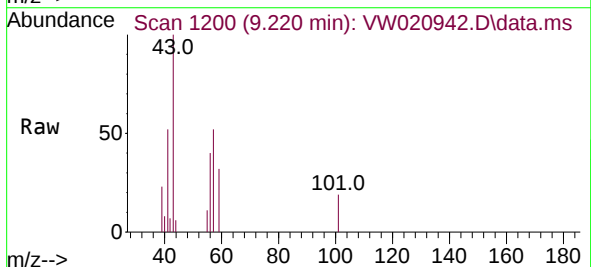
Tgt Ion: 41 Resp: 1297

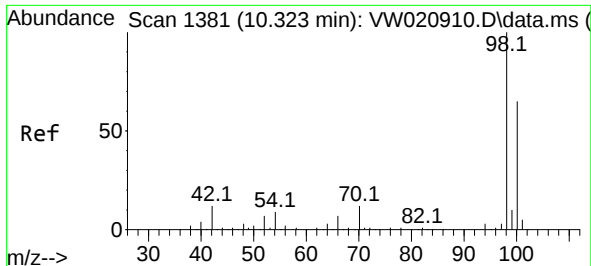
Ion Ratio Lower Upper

41 100

69 0.0 72.9 109.3#

39 50.0 54.2 81.4#

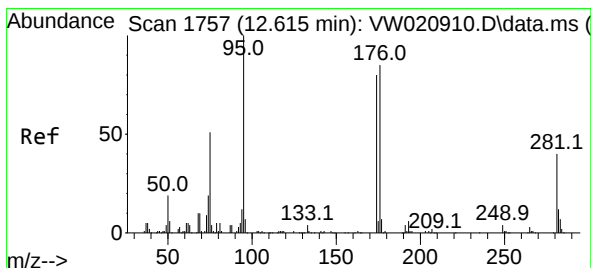
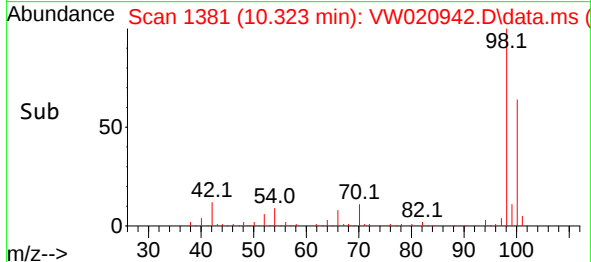
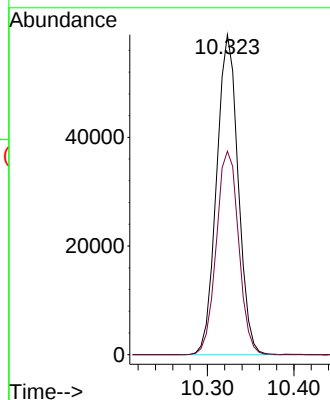
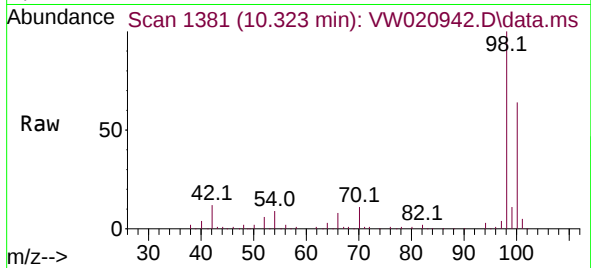




#50
Toluene-d8
Concen: 47.951 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

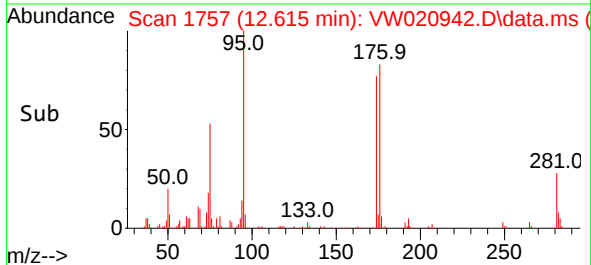
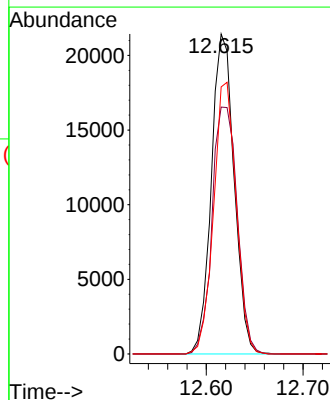
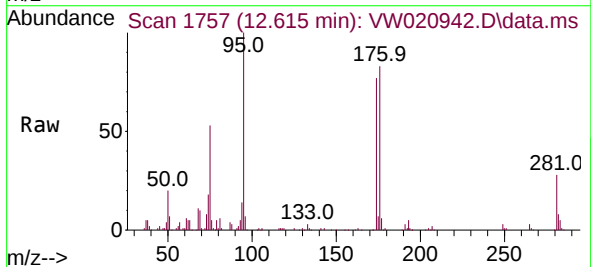
Instrument :
MSVOA_W
ClientSampleId :

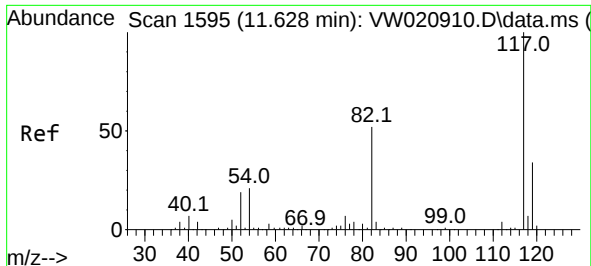
Tgt Ion: 98 Resp: 101827
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 44.276 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 95 Resp: 35065
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.2
176 84.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020942.D

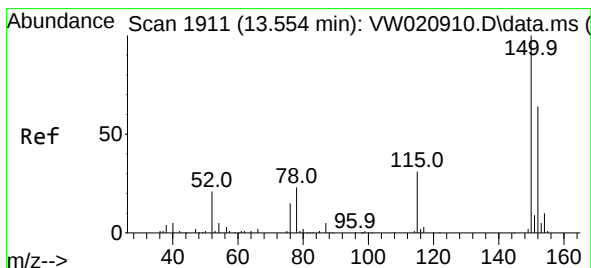
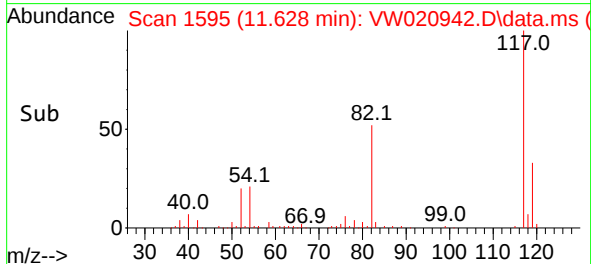
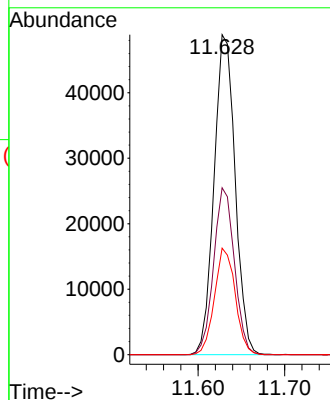
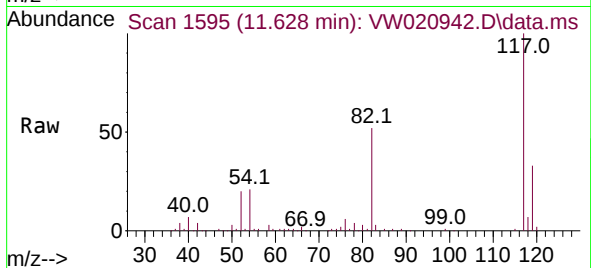
Acq: 22 Nov 2021 17:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp:	82705
Ion Ratio	Lower	Upper
117	100	
82	52.2	41.4 62.2
119	33.3	27.2 40.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

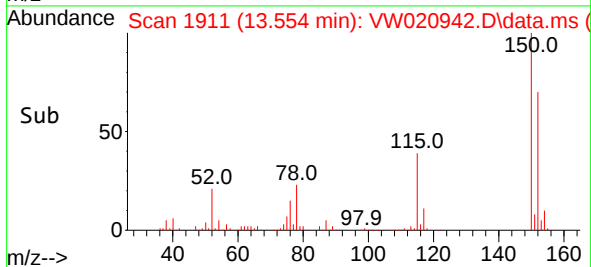
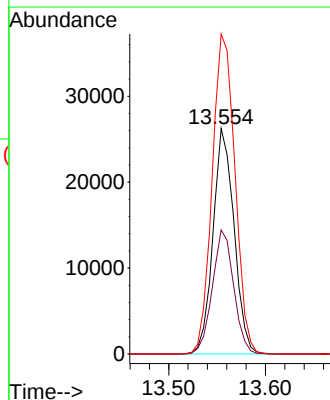
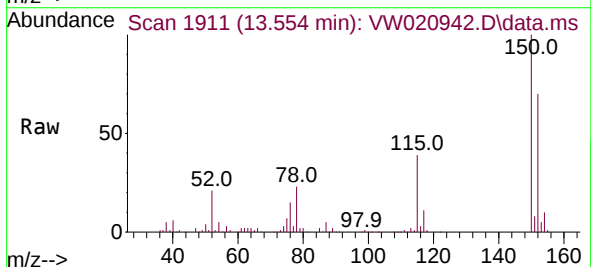
RT: 13.554 min Scan# 1911

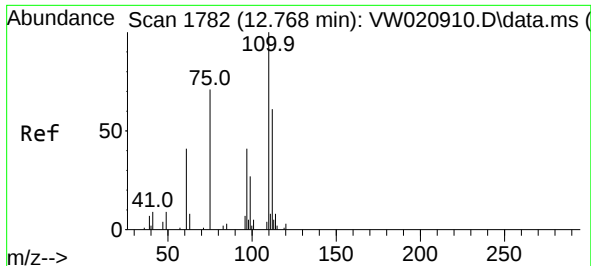
Delta R.T. 0.000 min

Lab File: VW020942.D

Acq: 22 Nov 2021 17:25

Tgt Ion:152	Resp:	39569
Ion Ratio	Lower	Upper
152	100	
115	55.9	27.8 83.3
150	154.0	0.0 348.4

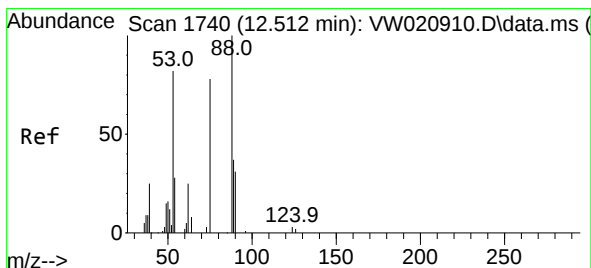
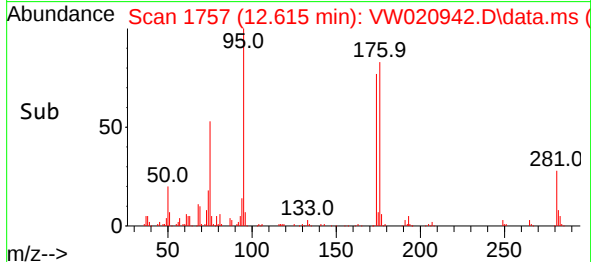
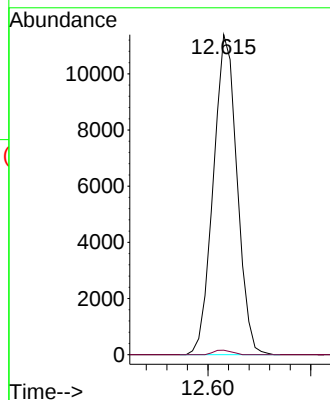
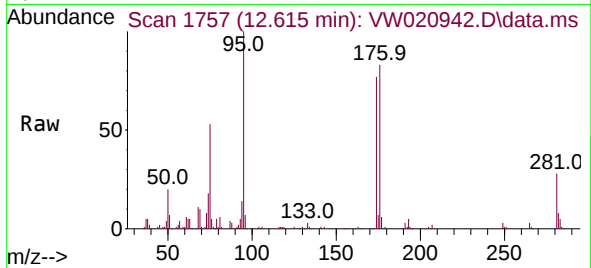




#76
1,2,3-Trichloropropane
Concen: 51.379 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 18266
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.859 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020942.D
Acq: 22 Nov 2021 17:25

Tgt Ion: 75 Resp: 18266
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.1 38.6 57.8#

