

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020871.D
 Acq On : 12 Nov 2021 22:24
 Operator : SY/VA
 Sample : M4625-03
 Misc : 5.08g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:13:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

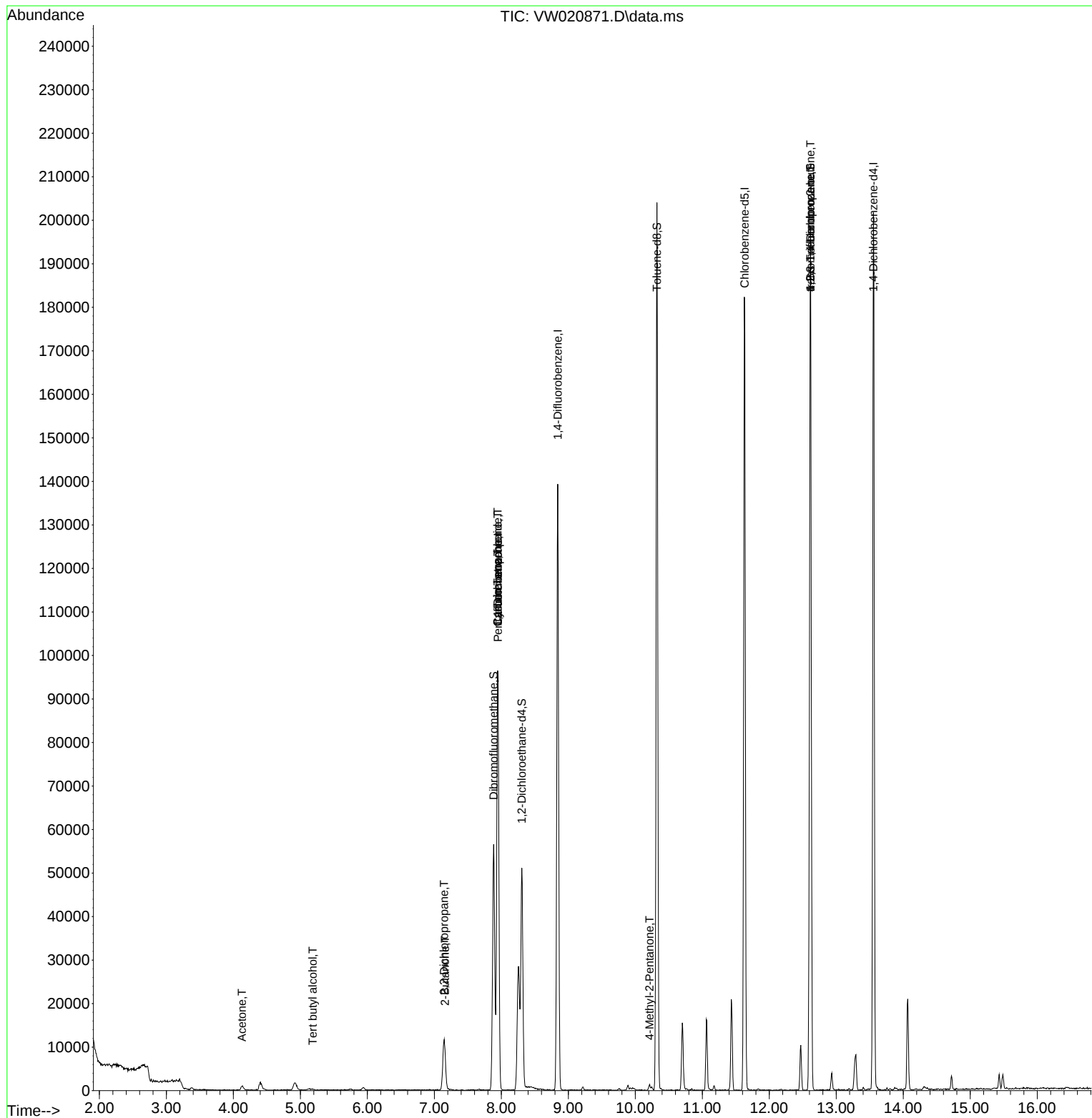
Internal Standards						
1) Pentafluorobenzene	7.951	168	76347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	116279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	103681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	55485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	39046	61.844	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.680%			
35) Dibromofluoromethane	7.884	113	37692	57.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.960%			
50) Toluene-d8	10.323	98	132438	52.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.615	95	48654	53.023	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.040%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.776	94	144	Below Cal	#	2
11) Tert butyl alcohol	5.184	59	320	7.371	ug/l #	84
16) Acetone	4.129	43	1949	16.069	ug/l	97
20) Methylene Chloride	4.915	84	1460	Below Cal	#	89
25) 2-Butanone	7.159	43	717	3.399	ug/l #	48
26) 2,2-Dichloropropane	7.147	77	881	1.249	ug/l #	53
31) Cyclohexane	7.945	56	1552	1.370	ug/l #	11
36) 1,1-Dichloropropene	7.945	75	5281	5.495	ug/l #	53
38) Carbon Tetrachloride	7.945	117	7297	7.248	ug/l #	17
51) 4-Methyl-2-Pentanone	10.213	43	986	2.105	ug/l #	87
76) 1,2,3-Trichloropropane	12.615	75	25407	59.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	25407	117.229	ug/l #	8

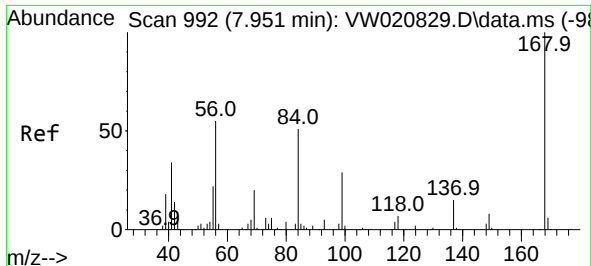
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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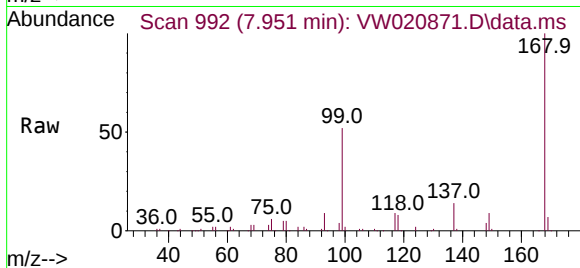
Quant Time: Nov 15 00:13:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
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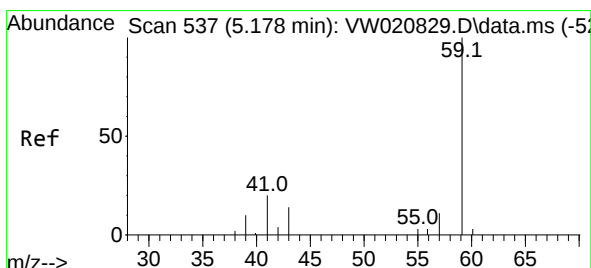
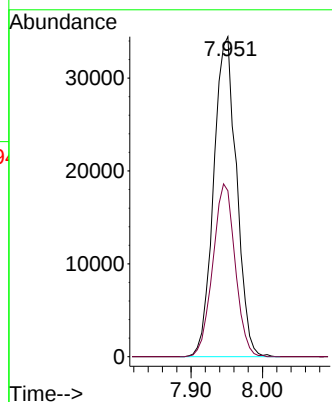
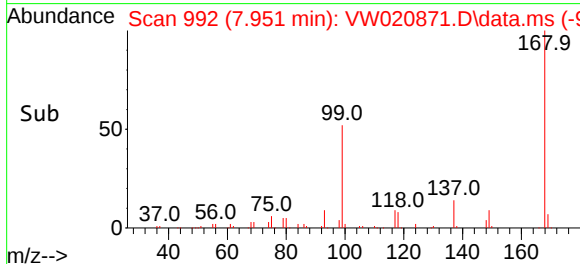


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Instrument :
MSVOA_W
ClientSampleId :

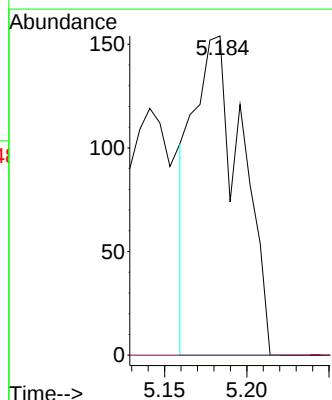
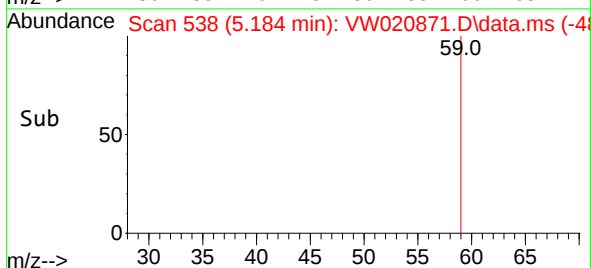
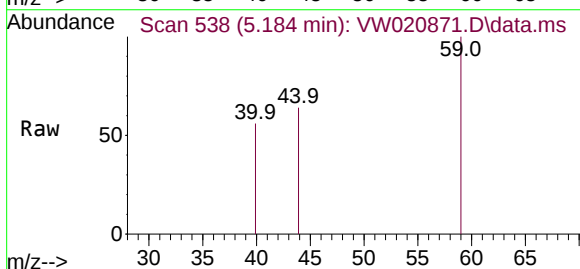


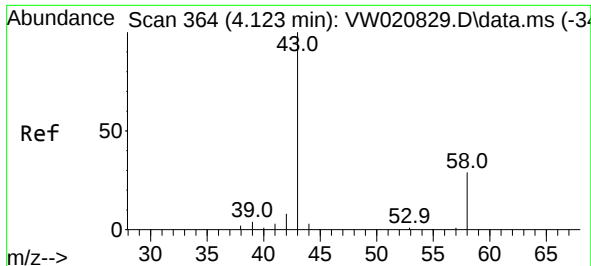
Tgt Ion:168 Resp: 76347
Ion Ratio Lower Upper
168 100
99 51.9 45.4 68.0



#11
Tert butyl alcohol
Concen: 7.371 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.006 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion: 59 Resp: 320
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

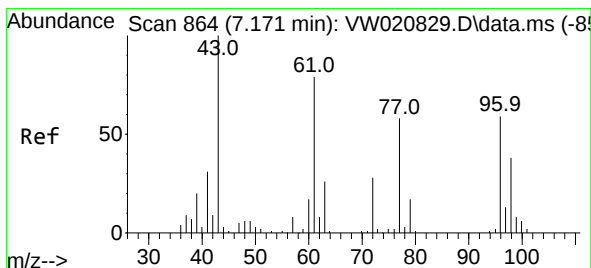
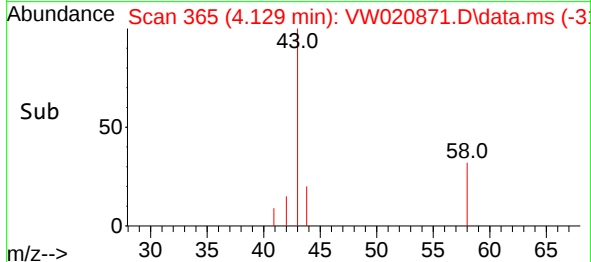
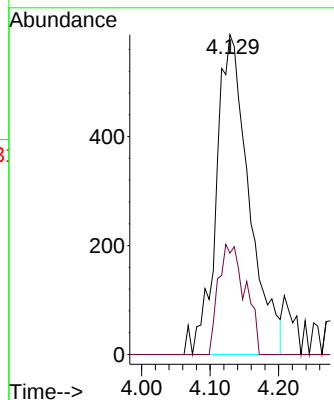
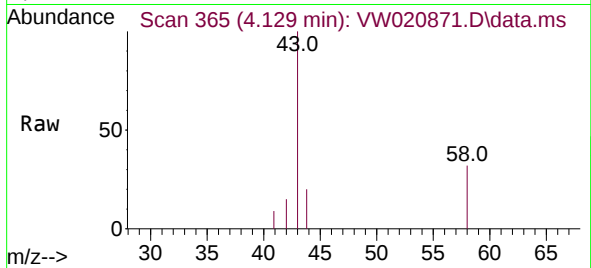




#16
Acetone
Concen: 16.069 ug/l
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

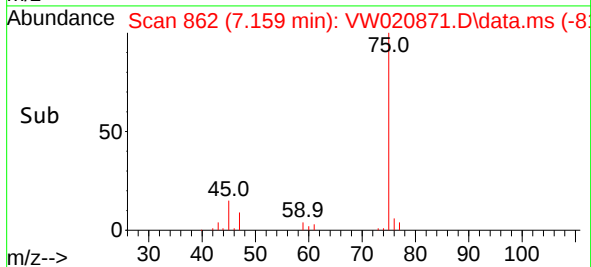
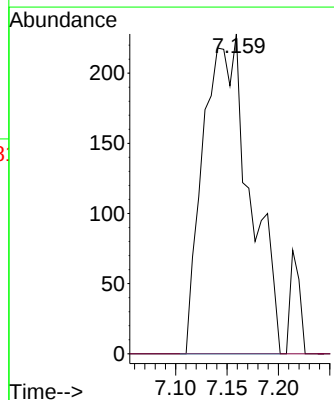
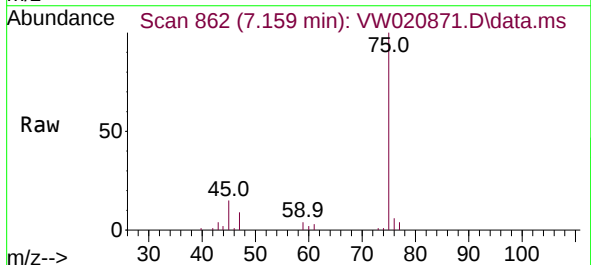
Instrument :
MSVOA_W
ClientSampleId :

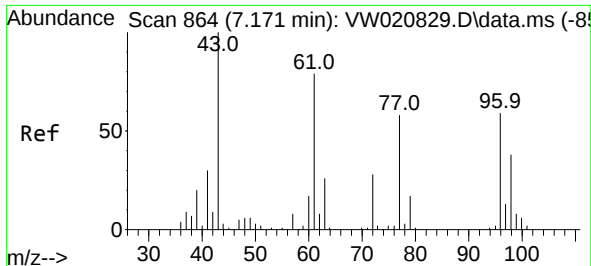
Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 31.7 24.2 36.2



#25
2-Butanone
Concen: 3.399 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#





#26

2,2-Dichloropropane

Concen: 1.249 ug/l

RT: 7.147 min Scan# 80

Delta R.T. -0.024 min

Lab File: VW020871.D

Acq: 12 Nov 2021 22:24

Instrument :

MSVOA_W

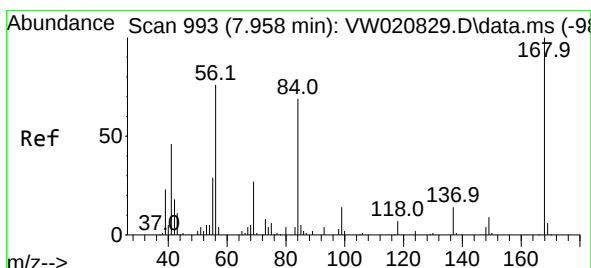
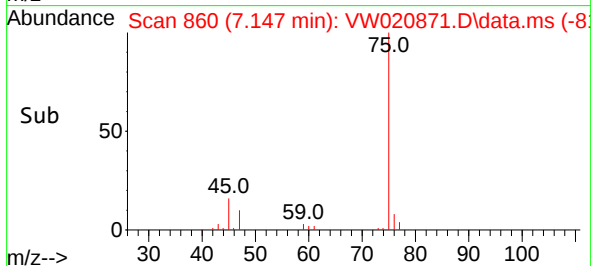
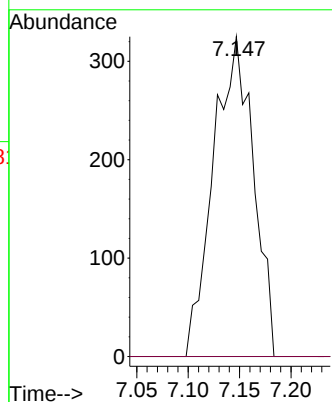
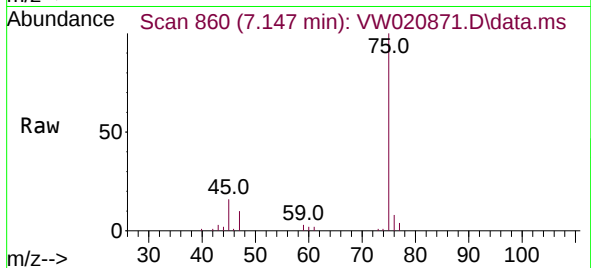
ClientSampleId :

Tgt Ion: 77 Resp: 881

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.370 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.012 min

Lab File: VW020871.D

Acq: 12 Nov 2021 22:24

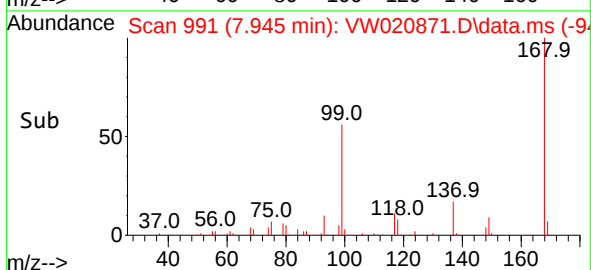
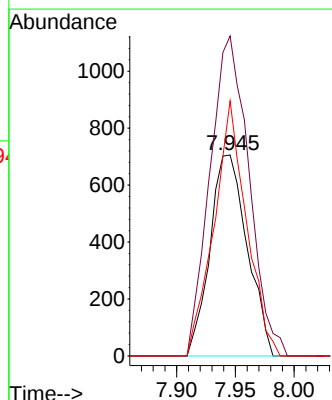
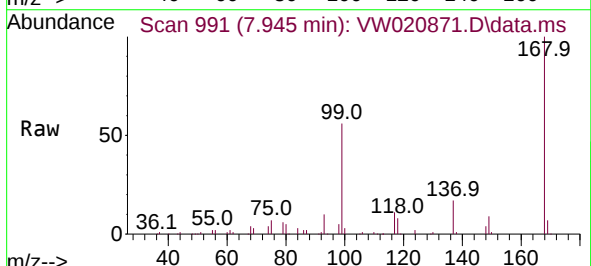
Tgt Ion: 56 Resp: 1552

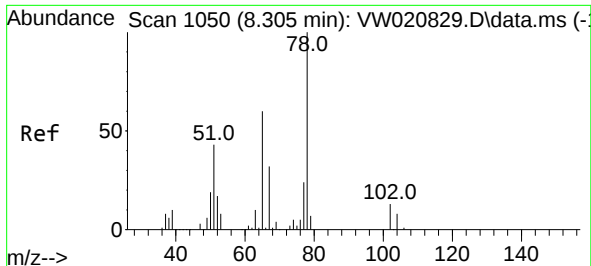
Ion Ratio Lower Upper

56 100

69 159.2 27.2 40.8#

84 126.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 61.844 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW020871.D

Acq: 12 Nov 2021 22:24

Instrument :

MSVOA_W

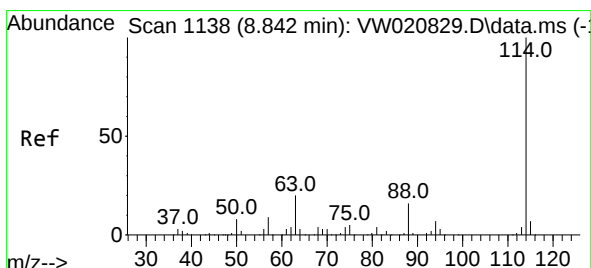
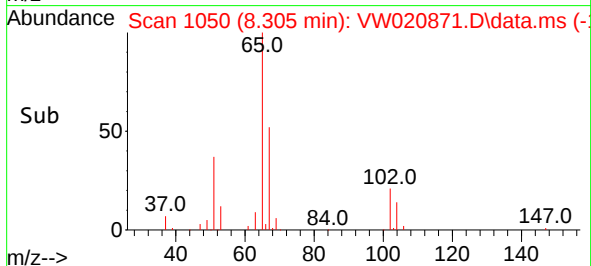
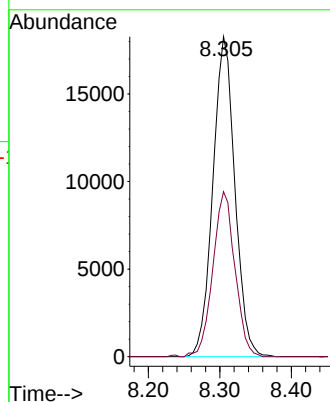
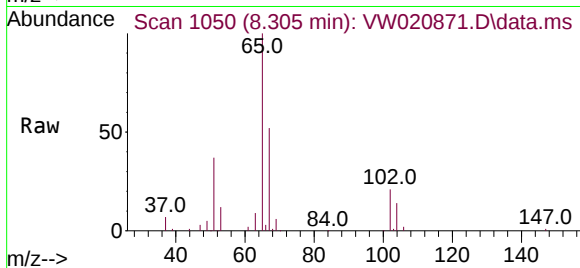
ClientSampleId :

Tgt Ion: 65 Resp: 39046

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020871.D

Acq: 12 Nov 2021 22:24

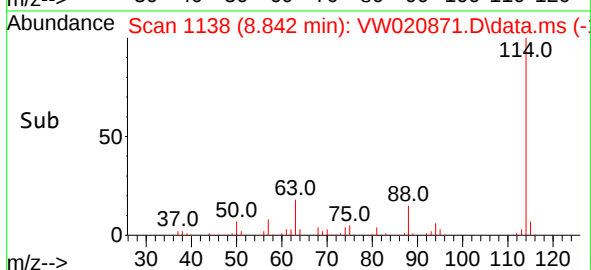
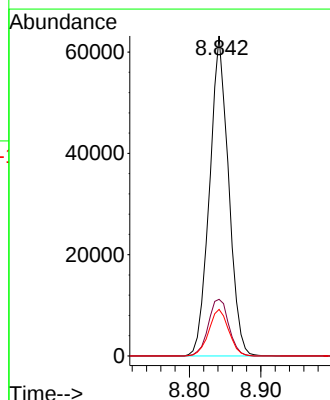
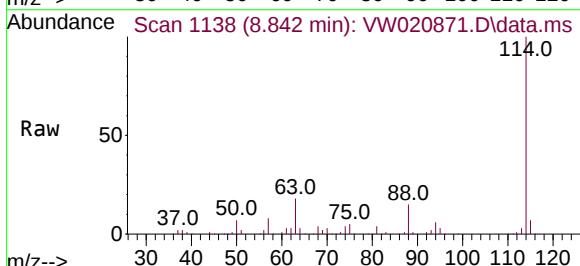
Tgt Ion: 114 Resp: 116279

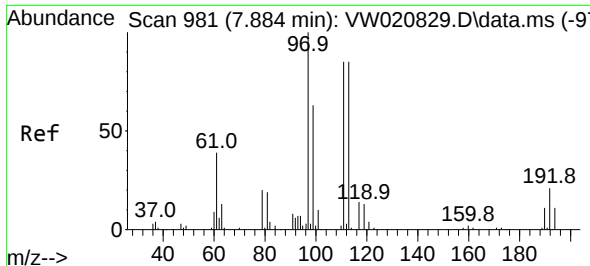
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.8

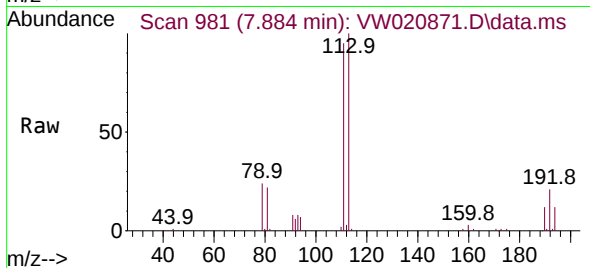
88 14.5 0.0 33.0



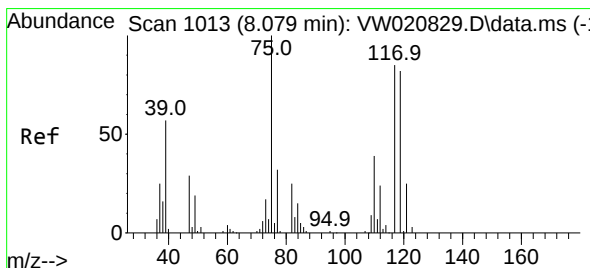
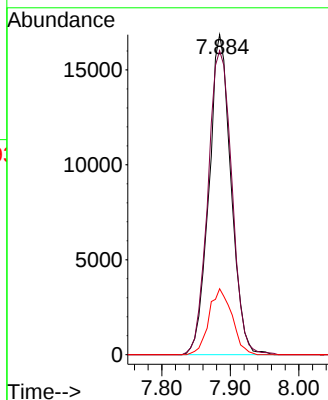
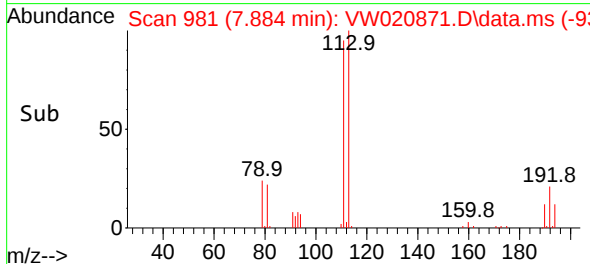


#35
Dibromofluoromethane
Concen: 57.982 ug/l
RT: 7.884 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Instrument :
MSVOA_W
ClientSampleId :

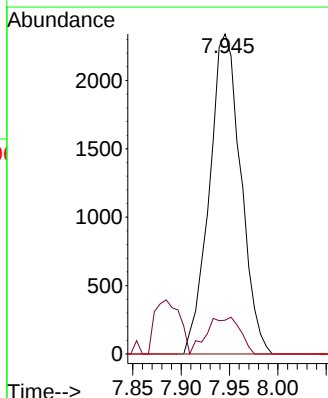
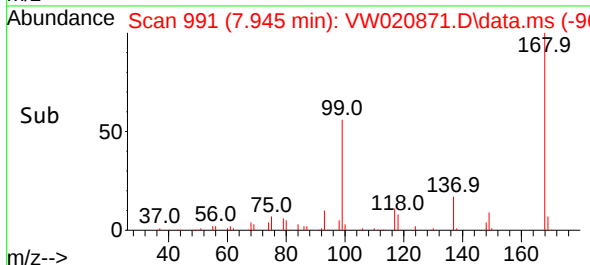
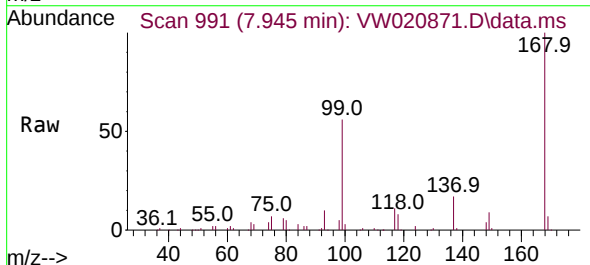


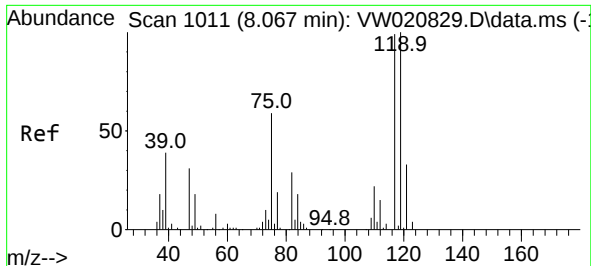
Tgt Ion:113 Resp: 37692
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 21.5 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.495 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

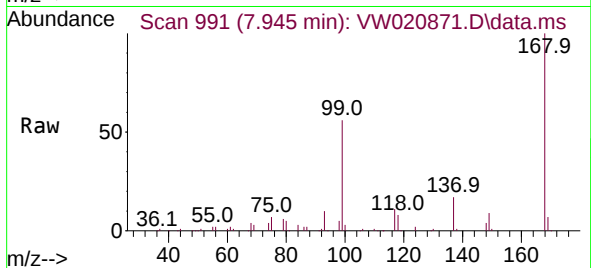
Tgt Ion: 75 Resp: 5281
Ion Ratio Lower Upper
75 100
110 12.2 17.1 51.3#
77 0.0 24.9 37.3#



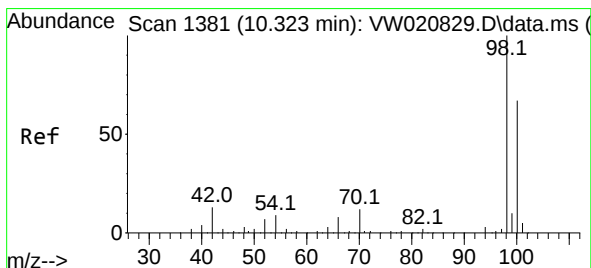
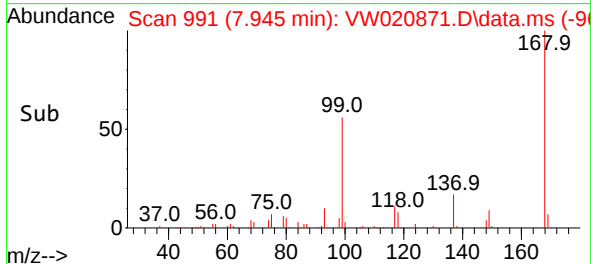
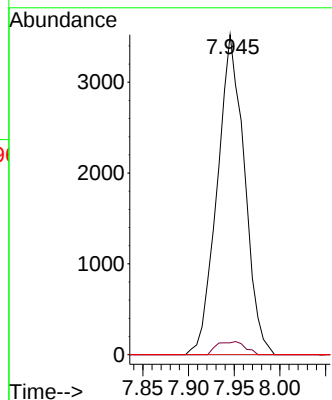


#38
Carbon Tetrachloride
Concen: 7.248 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Instrument :
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ClientSampleId :

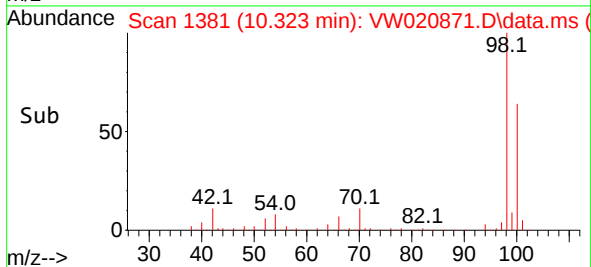
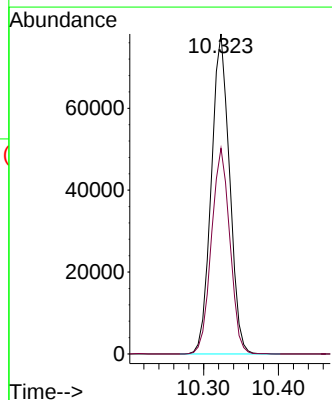
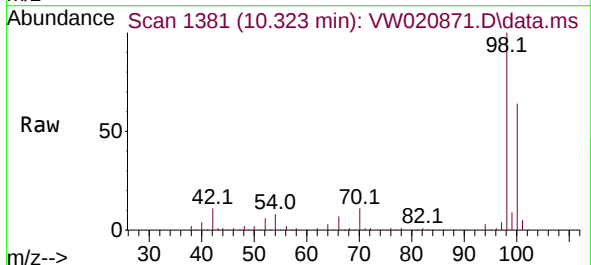


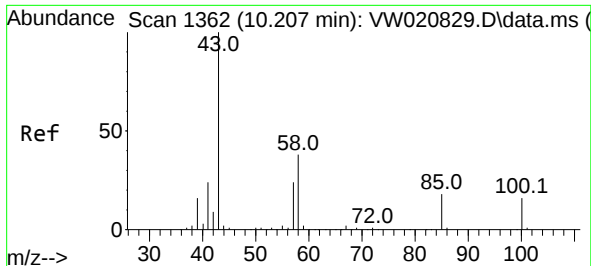
Tgt Ion:117 Resp: 7297
Ion Ratio Lower Upper
117 100
119 3.7 72.9 109.3#
121 0.0 23.4 35.0#



#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion: 98 Resp: 132438
Ion Ratio Lower Upper
98 100
100 65.0 53.2 79.8

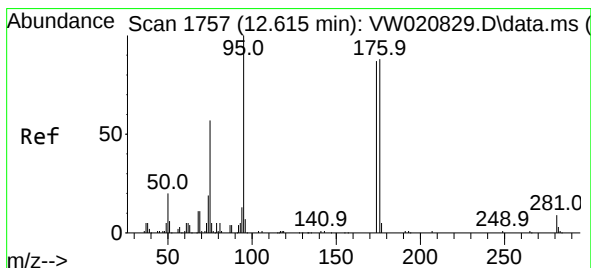
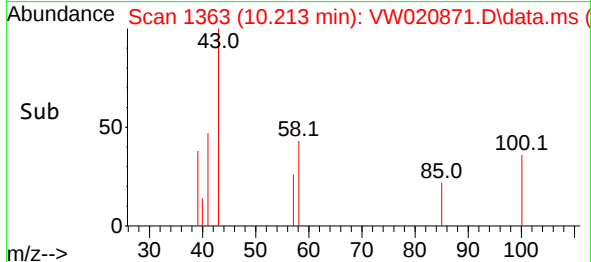
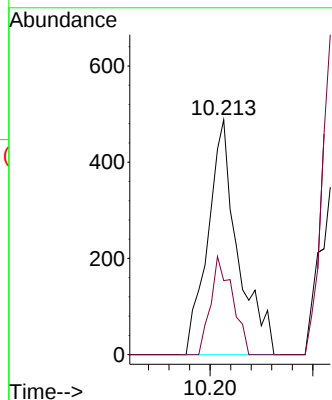
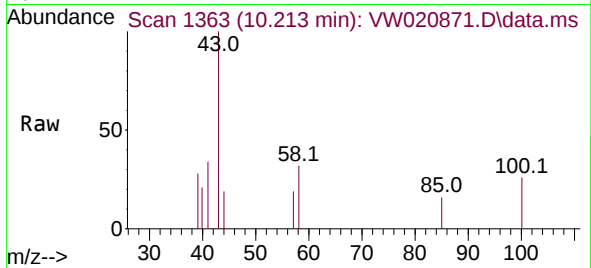




#51
4-Methyl-2-Pentanone
Concen: 2.105 ug/l
RT: 10.213 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

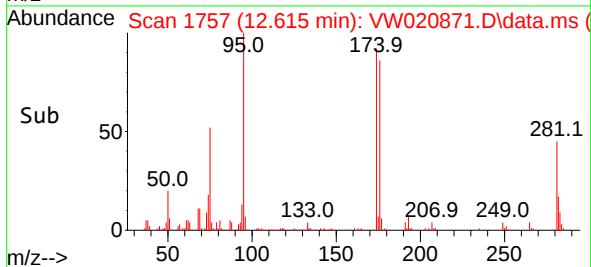
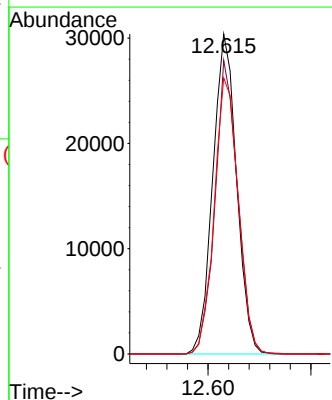
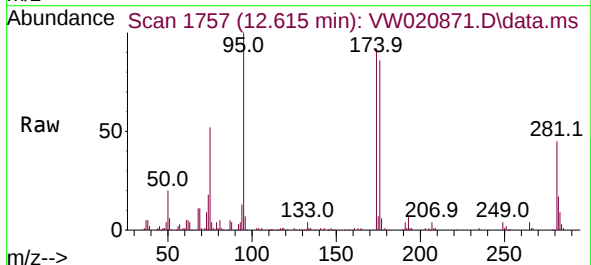
Instrument :
MSVOA_W
ClientSampleId :

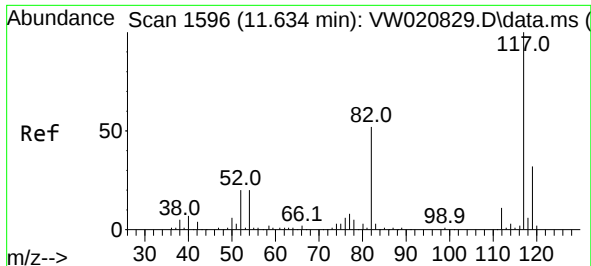
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 30.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 53.023 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion: 95 Resp: 48654
Ion Ratio Lower Upper
95 100
174 87.4 0.0 166.4
176 87.7 0.0 159.8

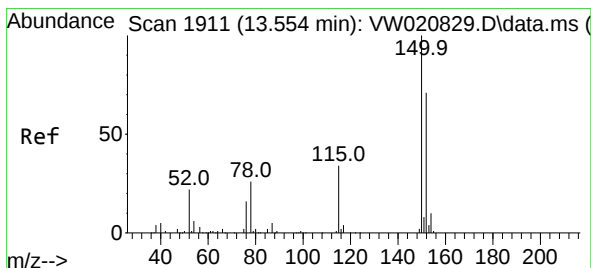
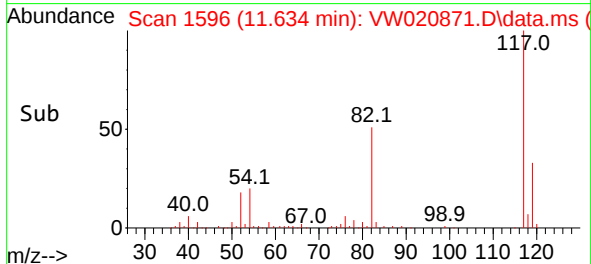
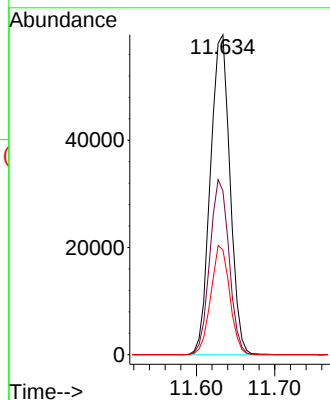
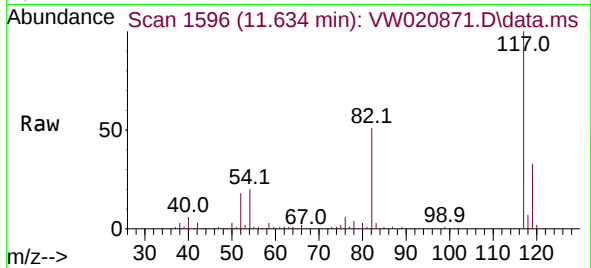




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

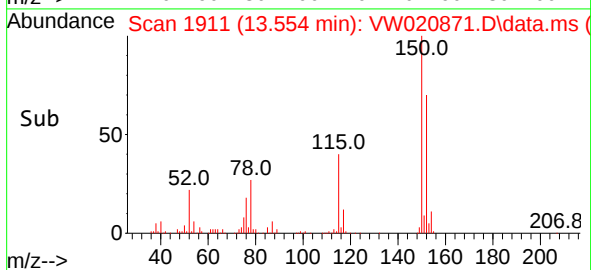
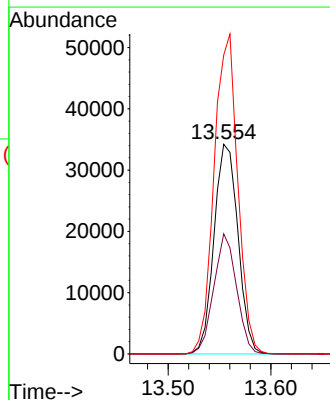
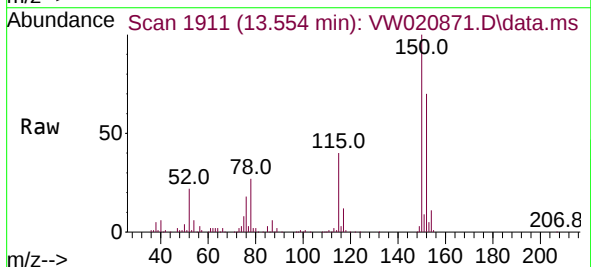
Instrument :
MSVOA_W
ClientSampleId :

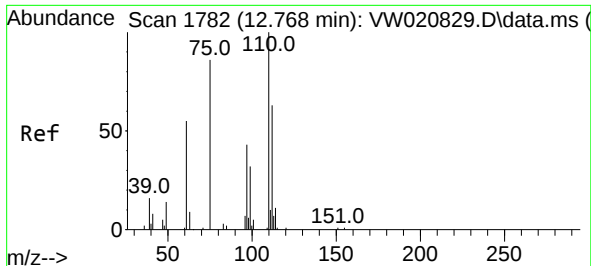
Tgt Ion:117 Resp: 103681
Ion Ratio Lower Upper
117 100
82 51.2 45.6 68.4
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion:152 Resp: 55485
Ion Ratio Lower Upper
152 100
115 54.6 29.6 88.9
150 150.4 0.0 352.6

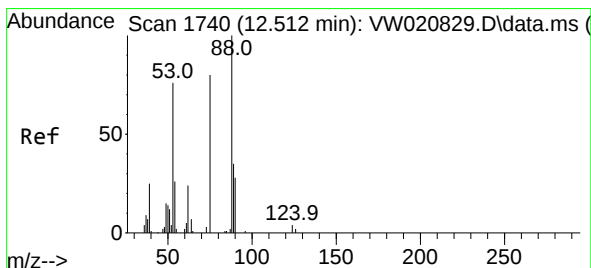
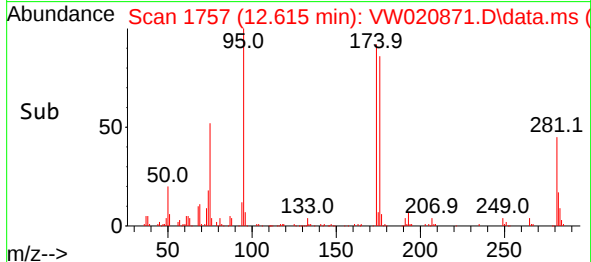
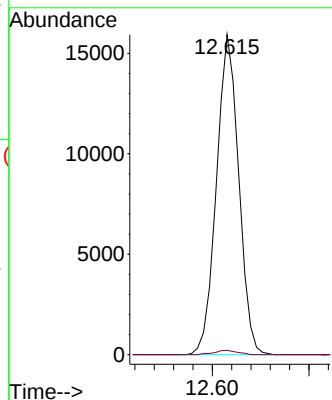
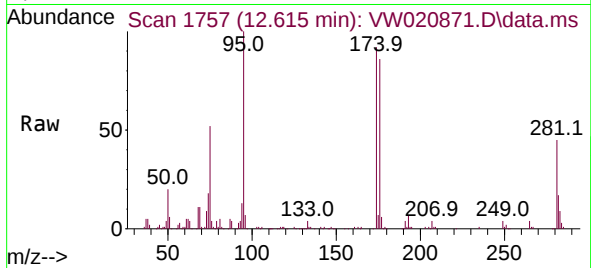




#76
1,2,3-Trichloropropane
Concen: 59.555 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 25407
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.229 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020871.D
Acq: 12 Nov 2021 22:24

Tgt Ion: 75 Resp: 25407
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.8 36.7 55.1#

