

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020873.D
 Acq On : 12 Nov 2021 23:12
 Operator : SY/VA
 Sample : M4577-02
 Misc : 6.60g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:14:00 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)

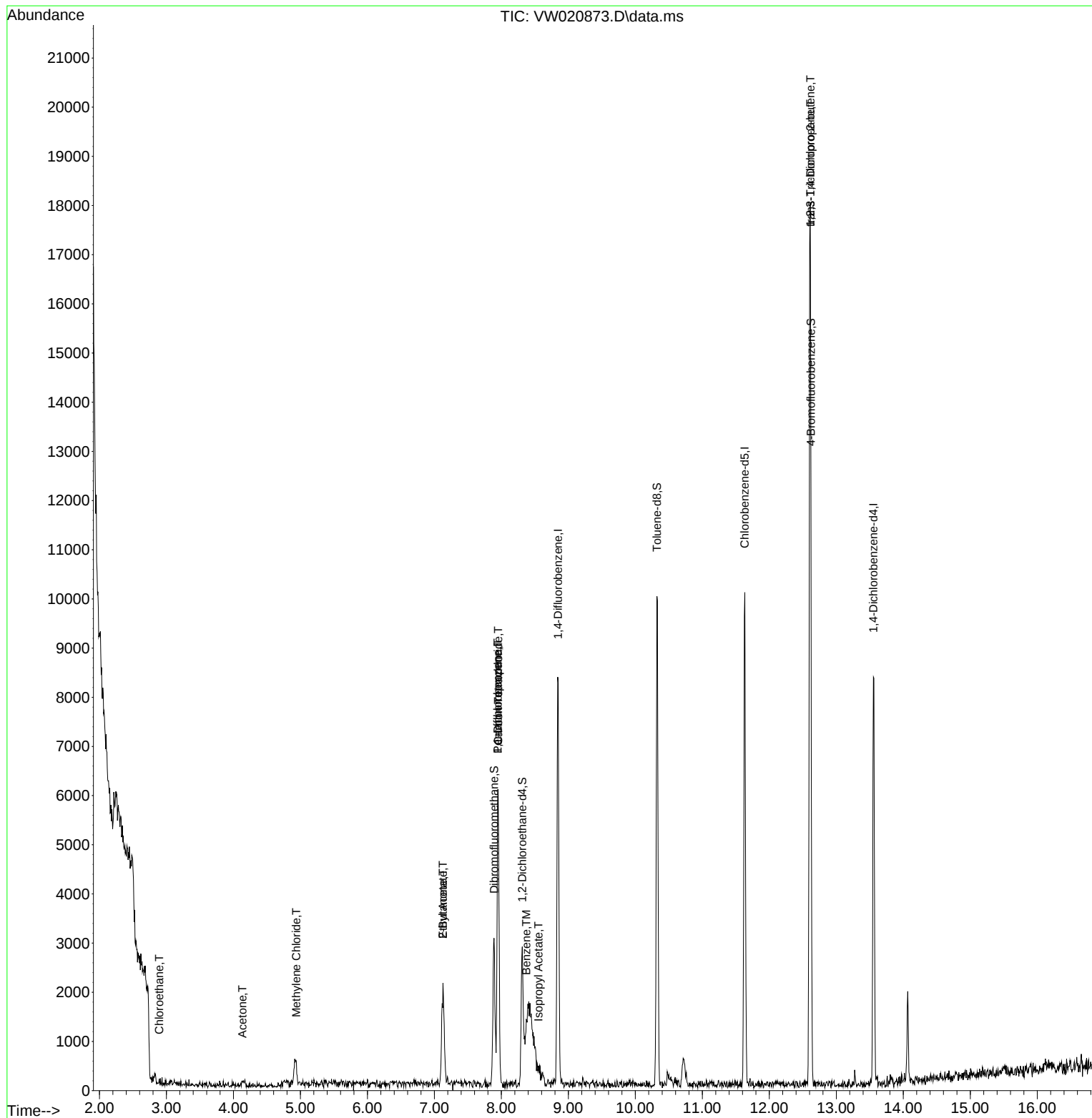
Internal Standards						
1) Pentafluorobenzene	7.945	168	4864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	7570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	6110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	2510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	2130	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.890	113	2113	49.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.323	98	6879	41.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.100%	
62) 4-Bromofluorobenzene	12.621	95	2179	36.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.891	64	20	1.106	ug/l #	41
16) Acetone	4.135	43	277	31.686	ug/l #	44
20) Methylene Chloride	4.940	84	449	9.854	ug/l #	58
25) 2-Butanone	7.128	43	111	8.260	ug/l #	48
36) 1,1-Dichloropropene	7.945	75	331	5.290	ug/l #	42
37) Ethyl Acetate	7.128	43	111	3.674	ug/l #	69
38) Carbon Tetrachloride	7.951	117	398	6.073	ug/l #	14
40) Benzene	8.372	78	2114	12.622	ug/l #	80
43) Isopropyl Acetate	8.555	43	58	1.010	ug/l #	52
76) 1,2,3-Trichloropropane	12.615	75	1339	69.382	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	1339	136.573	ug/l #	8

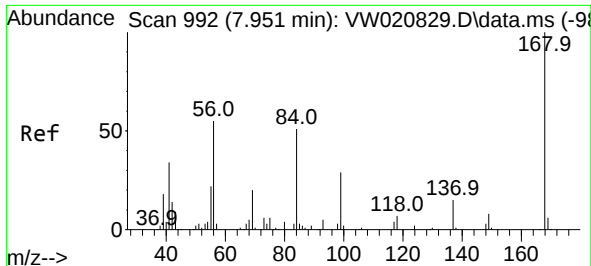
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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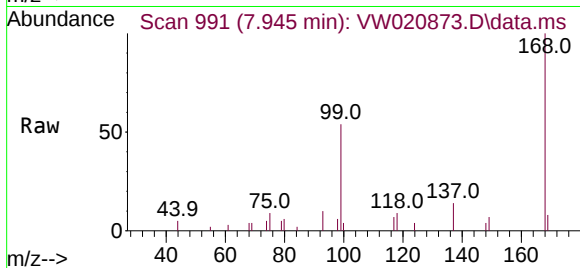
Quant Time: Nov 15 00:14:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
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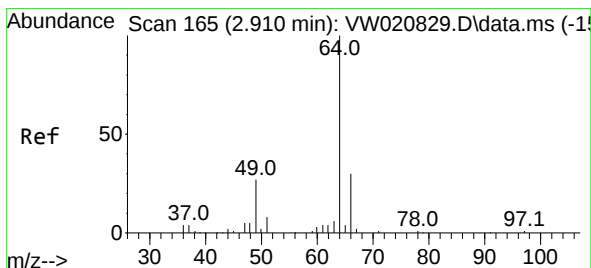
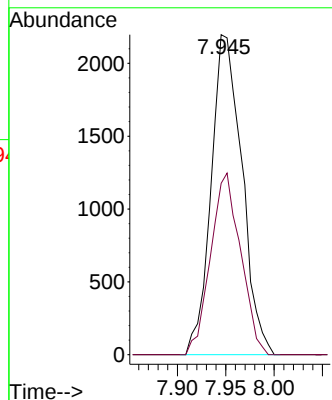
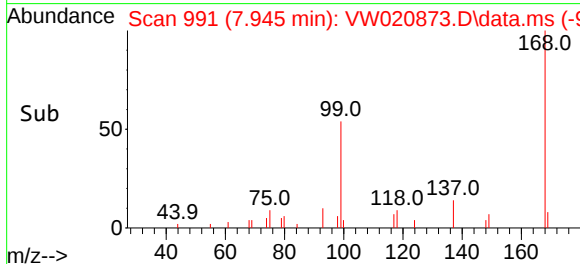


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Instrument :
MSVOA_W
ClientSampleId :

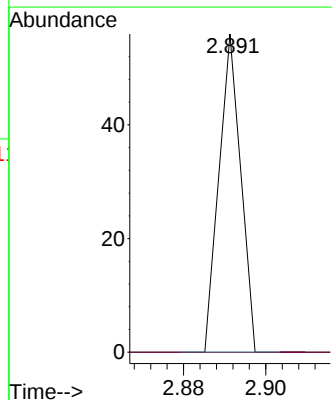
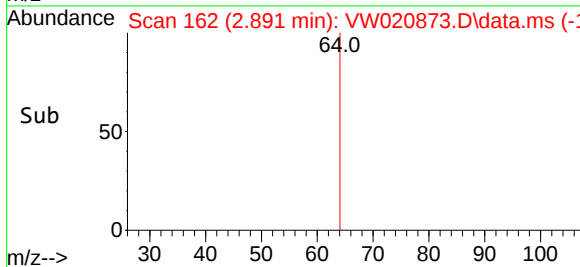
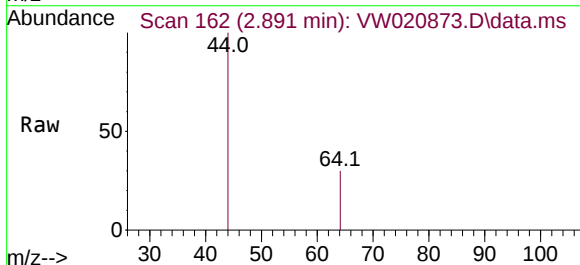


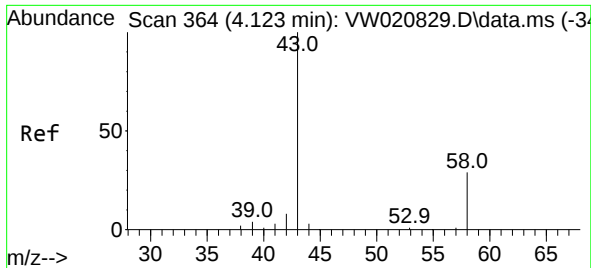
Tgt Ion:168 Resp: 4864
Ion Ratio Lower Upper
168 100
99 53.5 45.4 68.0



#6
Chloroethane
Concen: 1.106 ug/l
RT: 2.891 min Scan# 162
Delta R.T. -0.019 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 27.0 40.4#

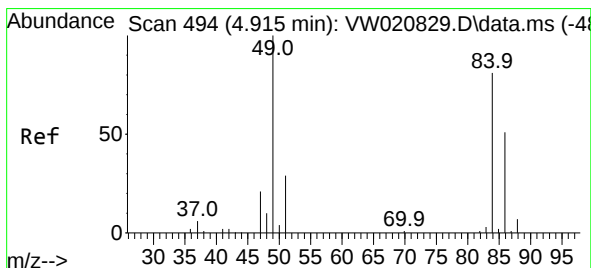
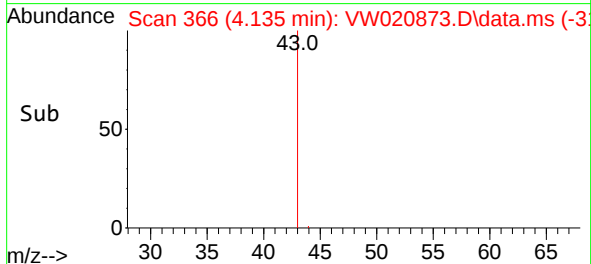
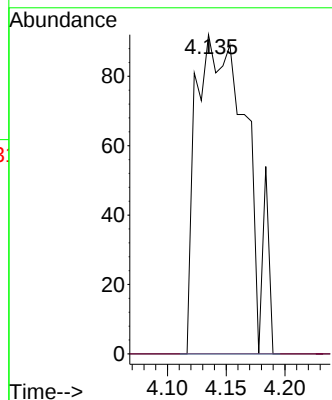
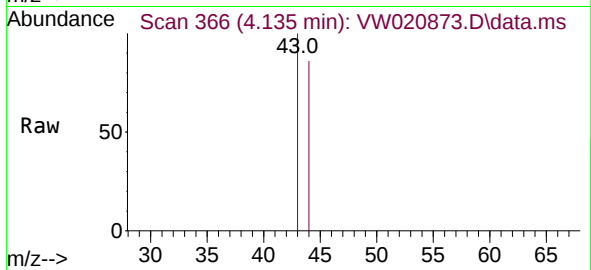




#16
Acetone
Concen: 31.686 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

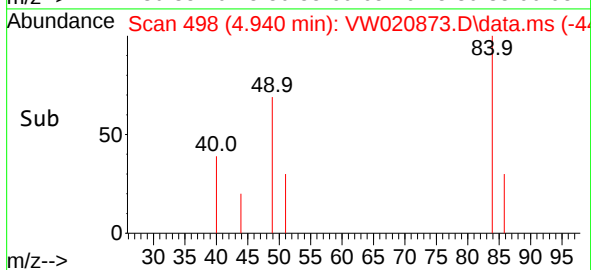
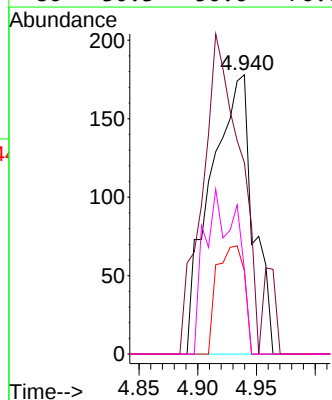
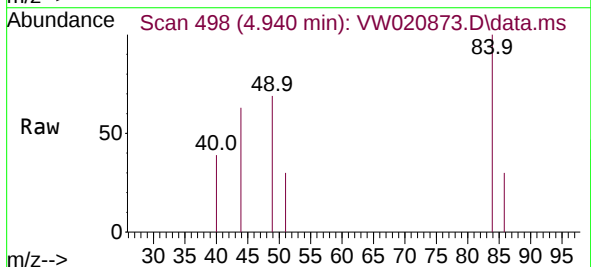
Instrument :
MSVOA_W
ClientSampleId :

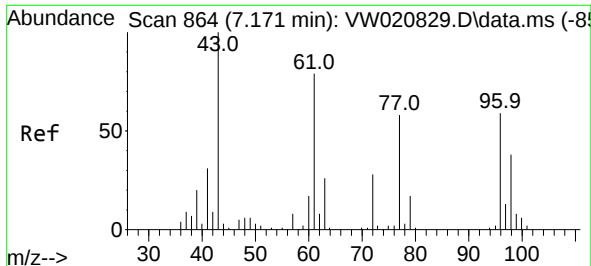
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 9.854 ug/l
RT: 4.940 min Scan# 498
Delta R.T. 0.025 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion: 84 Resp: 449
Ion Ratio Lower Upper
84 100
49 68.5 100.0 150.0#
51 29.8 30.8 46.2#
86 30.3 50.6 76.0#

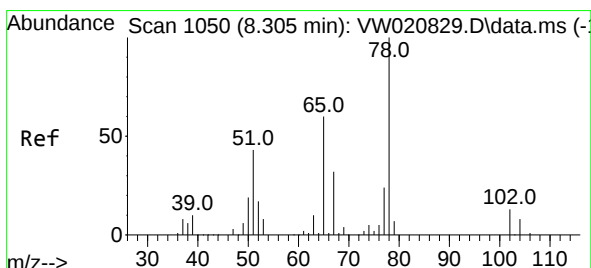
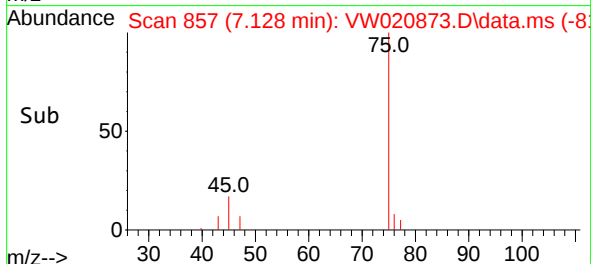
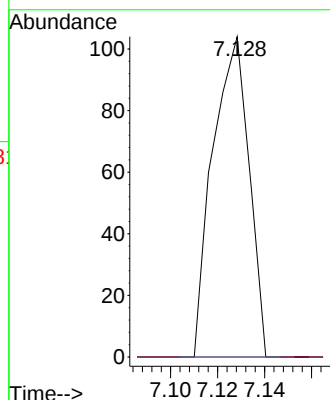
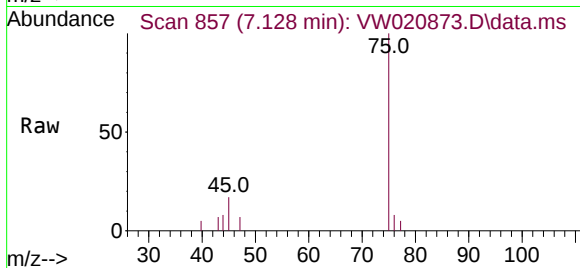




#25
2-Butanone
Concen: 8.260 ug/l
RT: 7.128 min Scan# 81
Delta R.T. -0.043 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

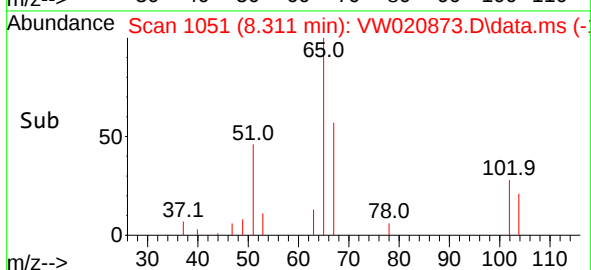
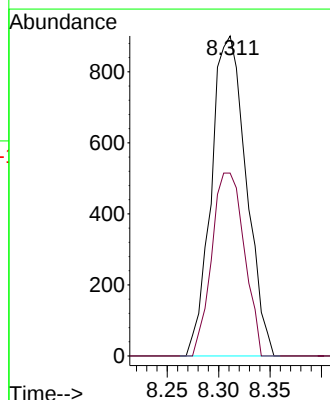
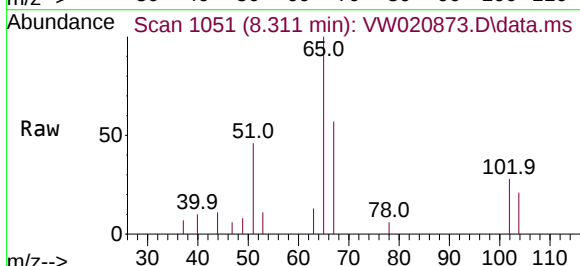
Instrument :
MSVOA_W
ClientSampleId :

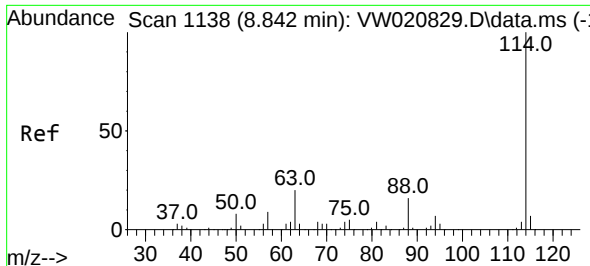
Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Tgt Ion: 65 Resp: 2130
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW020873.D

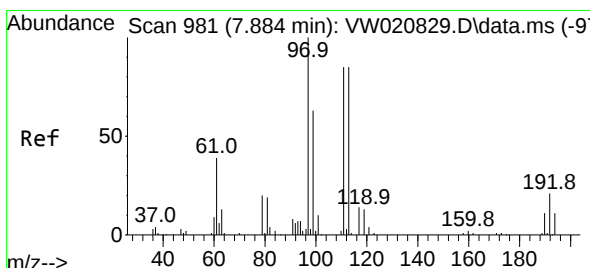
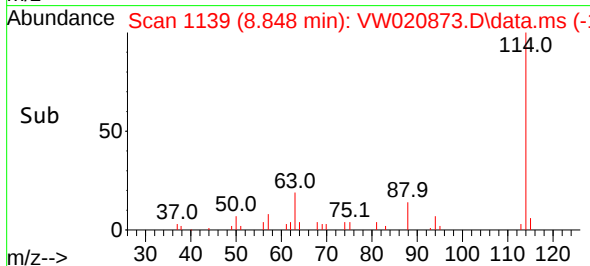
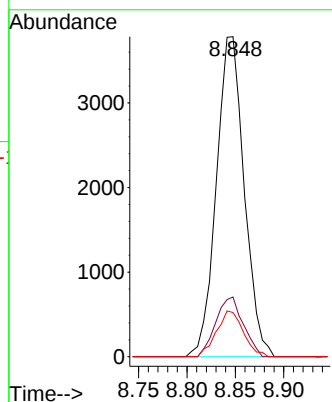
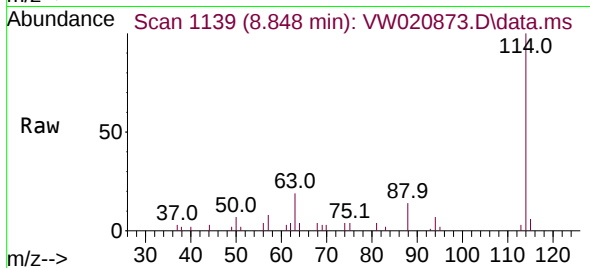
Acq: 12 Nov 2021 23:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:114	Resp:	7570
Ion	Ratio	Lower Upper
114	100	
63	18.7	0.0 42.8
88	13.8	0.0 33.0



#35

Dibromofluoromethane

Concen: 49.928 ug/l

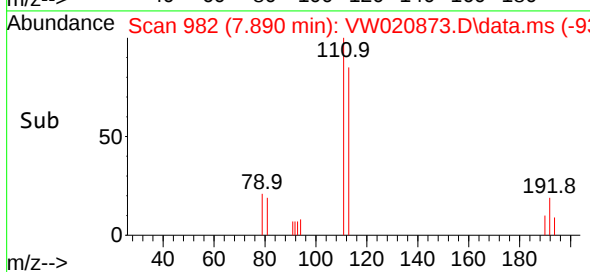
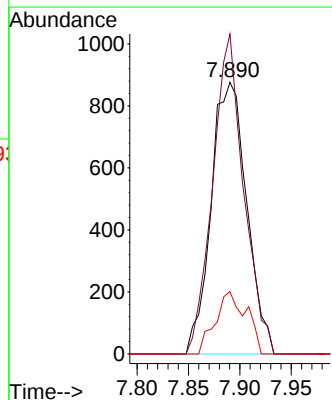
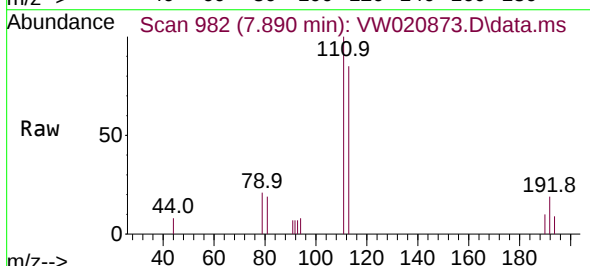
RT: 7.890 min Scan# 982

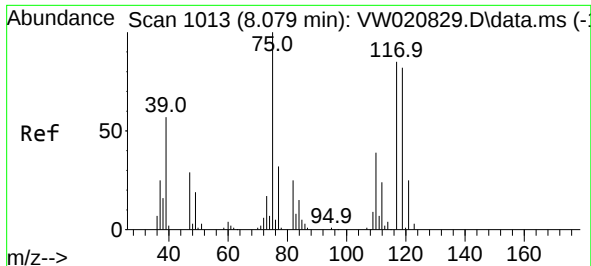
Delta R.T. 0.006 min

Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

Tgt Ion:113	Resp:	2113
Ion	Ratio	Lower Upper
113	100	
111	102.4	82.1 123.1
192	20.0	17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.290 ug/l

RT: 7.945 min Scan# 91

Delta R.T. -0.134 min

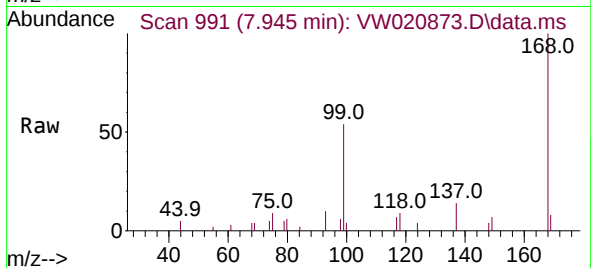
Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

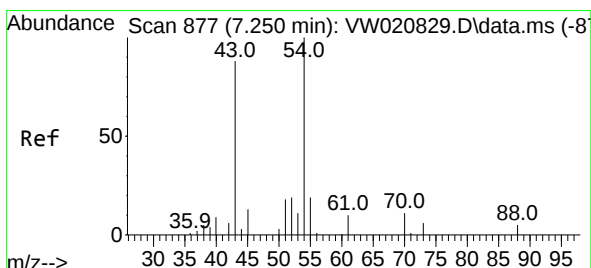
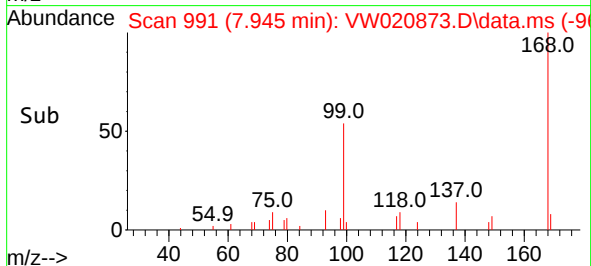
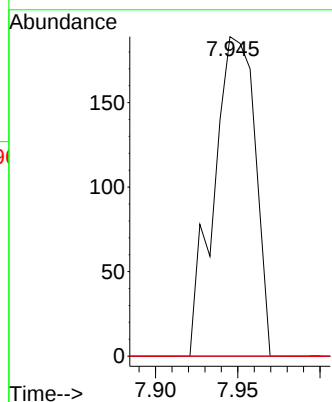
Instrument :

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ClientSampleId :



Tgt Ion:	75	Resp:	331
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



#37

Ethyl Acetate

Concen: 3.674 ug/l

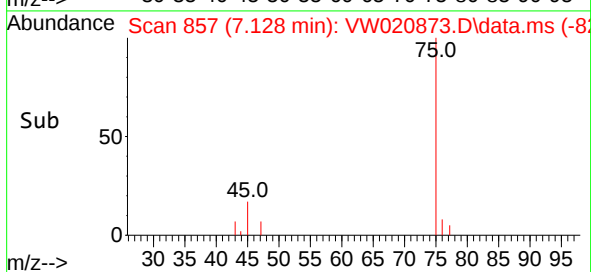
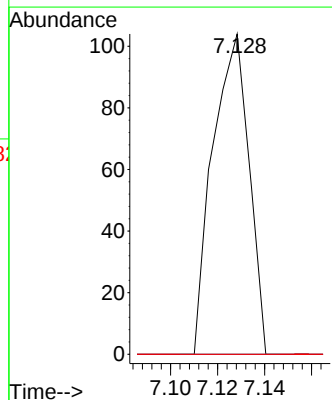
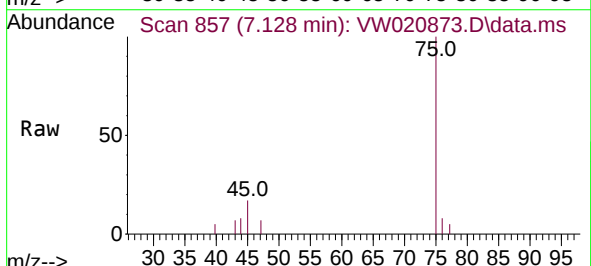
RT: 7.128 min Scan# 857

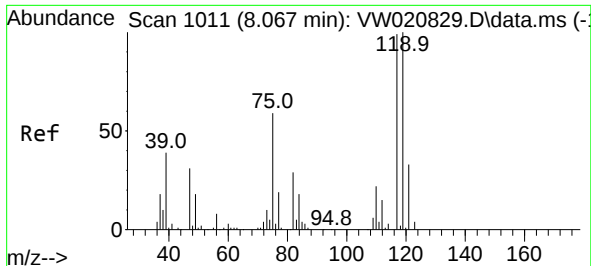
Delta R.T. -0.122 min

Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

Tgt Ion:	43	Resp:	111
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	8.8	13.2#





#38

Carbon Tetrachloride

Concen: 6.073 ug/l

RT: 7.951 min Scan# 91

Delta R.T. -0.116 min

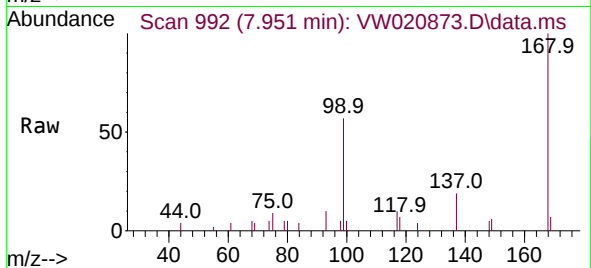
Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

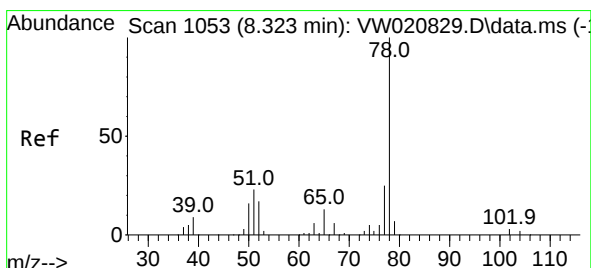
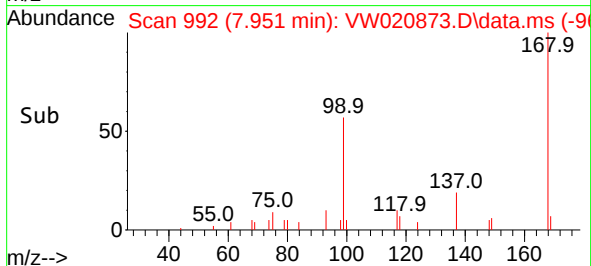
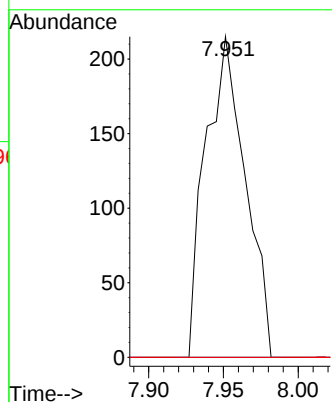
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:117	Resp:	398
Ion	Ratio	Lower Upper
117	100	
119	0.0	72.9 109.3#
121	0.0	23.4 35.0#



#40

Benzene

Concen: 12.622 ug/l

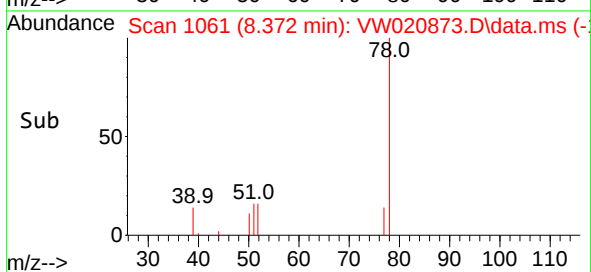
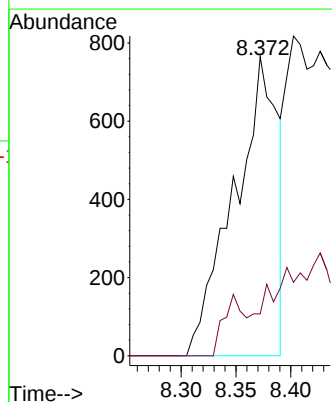
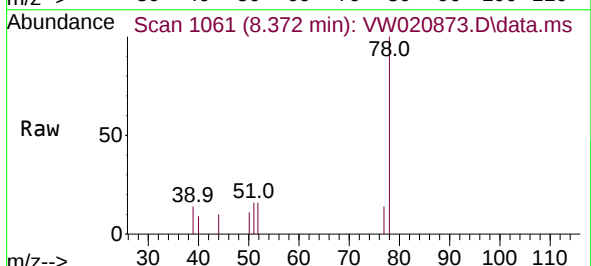
RT: 8.372 min Scan# 1061

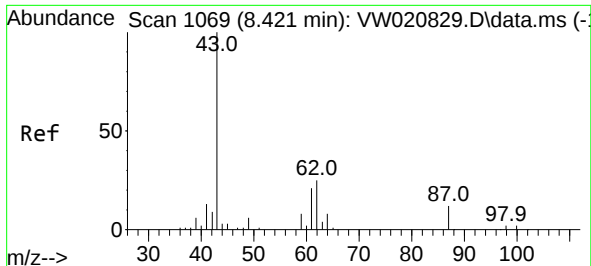
Delta R.T. 0.049 min

Lab File: VW020873.D

Acq: 12 Nov 2021 23:12

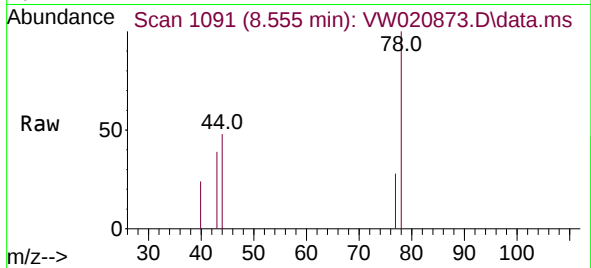
Tgt Ion: 78	Resp:	2114
Ion	Ratio	Lower Upper
78	100	
77	14.0	19.0 28.6#



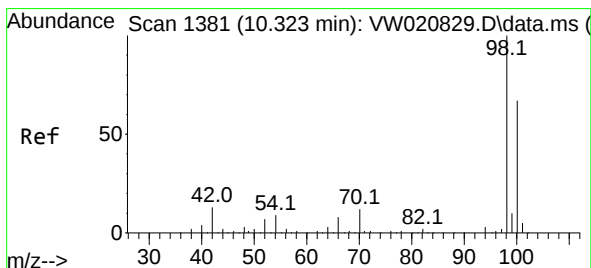
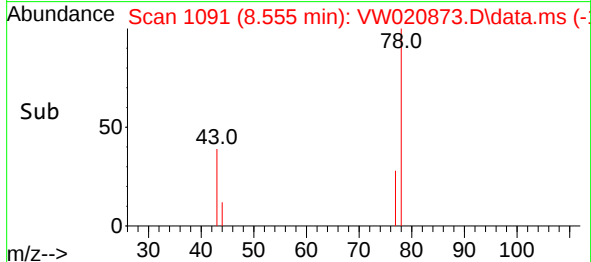
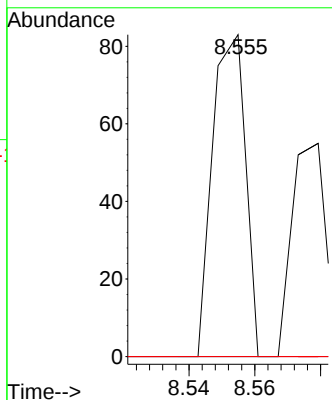


#43
Isopropyl Acetate
Concen: 1.010 ug/l
RT: 8.555 min Scan# 1091
Delta R.T. 0.134 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Instrument :
MSVOA_W
ClientSampleId :

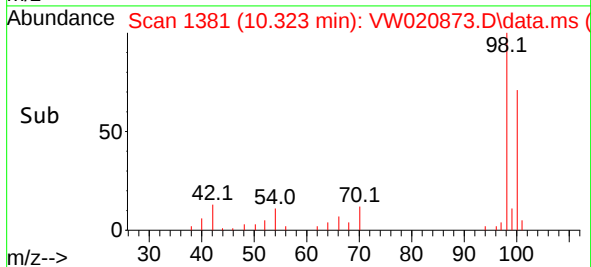
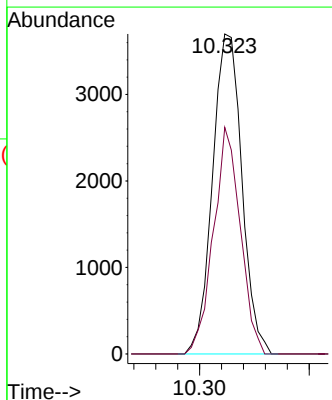
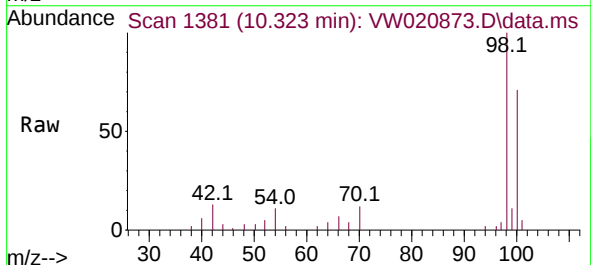


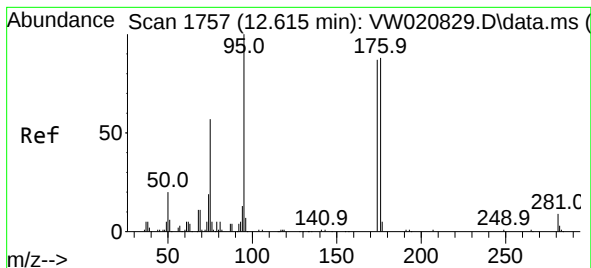
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 10.4 15.6#



#50
Toluene-d8
Concen: 41.545 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

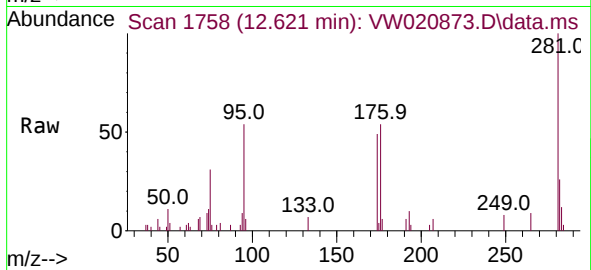
Tgt Ion: 98 Resp: 6879
Ion Ratio Lower Upper
98 100
100 64.8 53.2 79.8



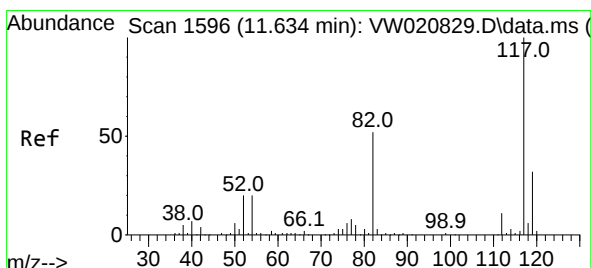
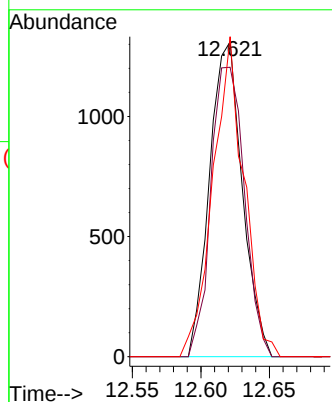
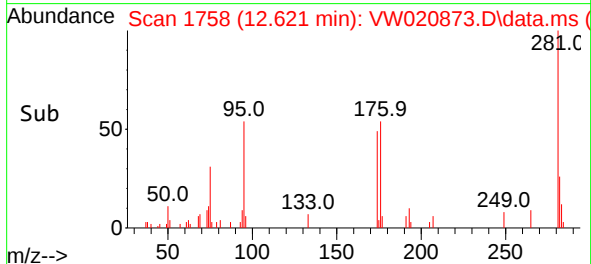


#62
4-Bromofluorobenzene
Concen: 36.476 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

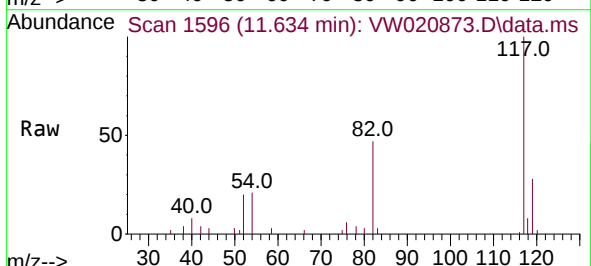
Instrument :
MSVOA_W
ClientSampleId :



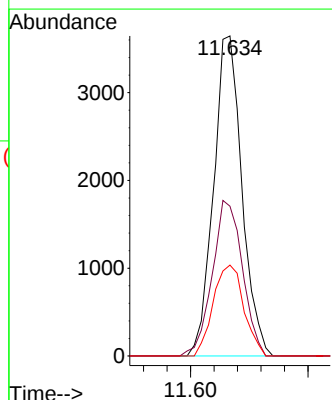
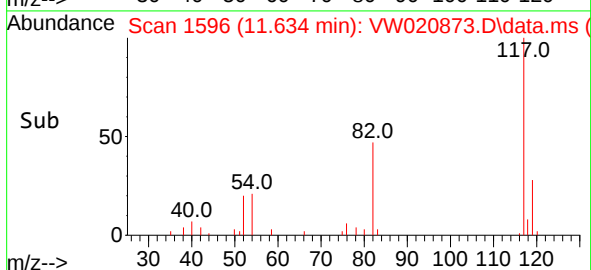
Tgt Ion: 95 Resp: 2179
Ion Ratio Lower Upper
95 100
174 94.1 0.0 166.4
176 96.0 0.0 159.8

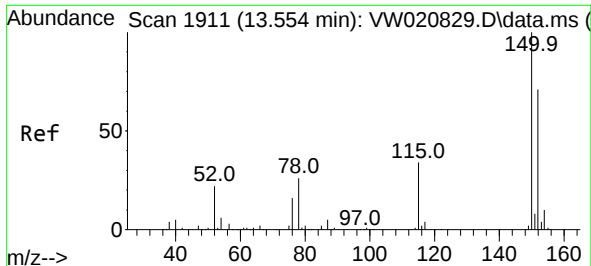


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12



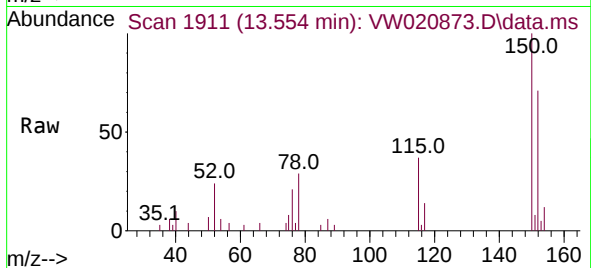
Tgt Ion: 117 Resp: 6110
Ion Ratio Lower Upper
117 100
82 46.8 45.6 68.4
119 28.4 25.0 37.4



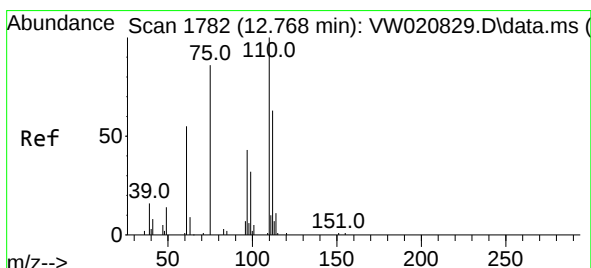
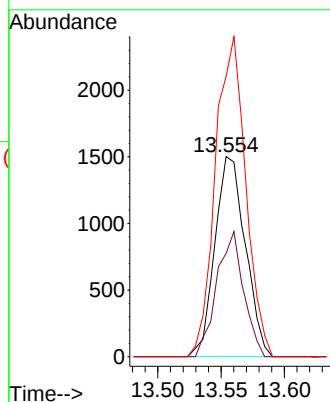
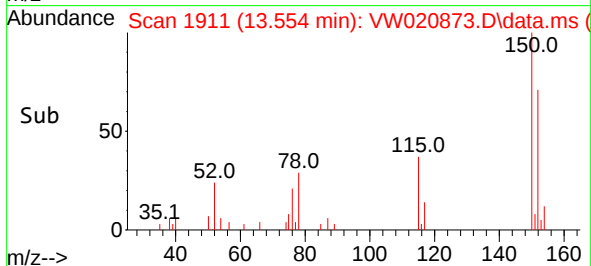


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VW020873.D
 Acq: 12 Nov 2021 23:12

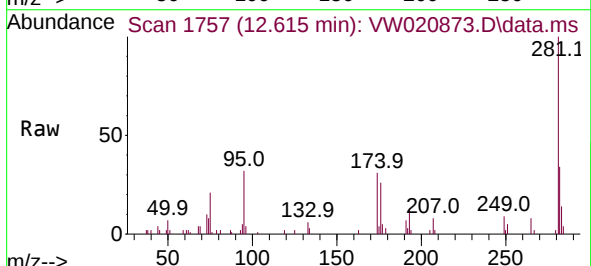
Instrument :
 MSVOA_W
 ClientSampleId :



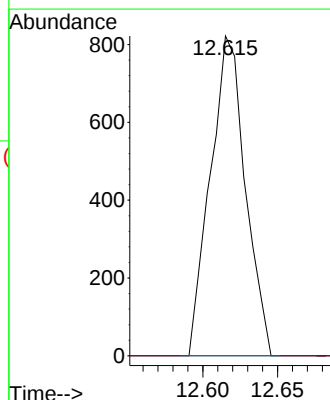
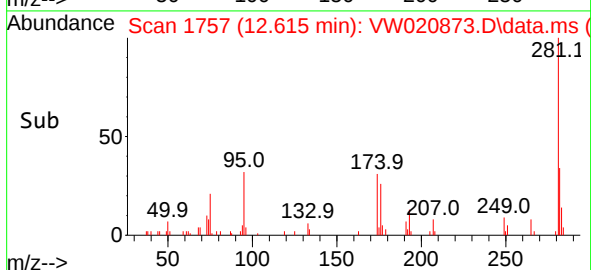
Tgt Ion:152 Resp: 2510
 Ion Ratio Lower Upper
 152 100
 115 55.1 29.6 88.9
 150 159.2 0.0 352.6

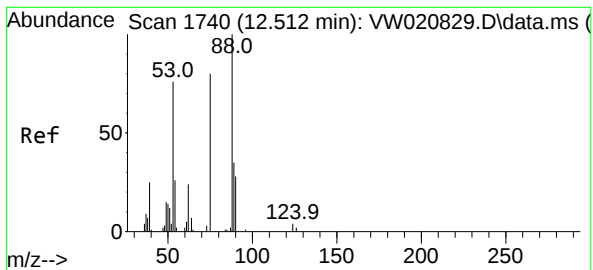


#76
 1,2,3-Trichloropropane
 Concen: 69.382 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. -0.153 min
 Lab File: VW020873.D
 Acq: 12 Nov 2021 23:12



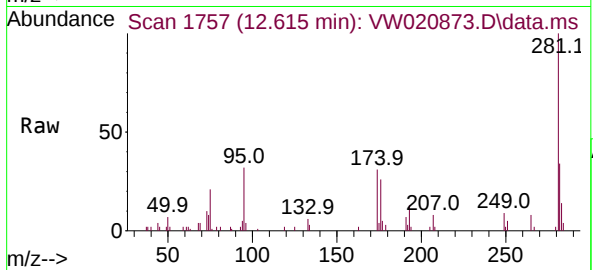
Tgt Ion: 75 Resp: 1339
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 136.573 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.104 min
Lab File: VW020873.D
Acq: 12 Nov 2021 23:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	75	Resp:	1339
Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	36.7	55.1#

