

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020861.D
 Acq On : 12 Nov 2021 18:22
 Operator : SY/VA
 Sample : M4595-01
 Misc : 5.60g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:10:54 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	7.952	168	92401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	138226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	124333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	62437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	43037	56.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.640%
35) Dibromofluoromethane	7.891	113	39128	50.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.323	98	146800	48.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.615	95	55049	50.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.940%

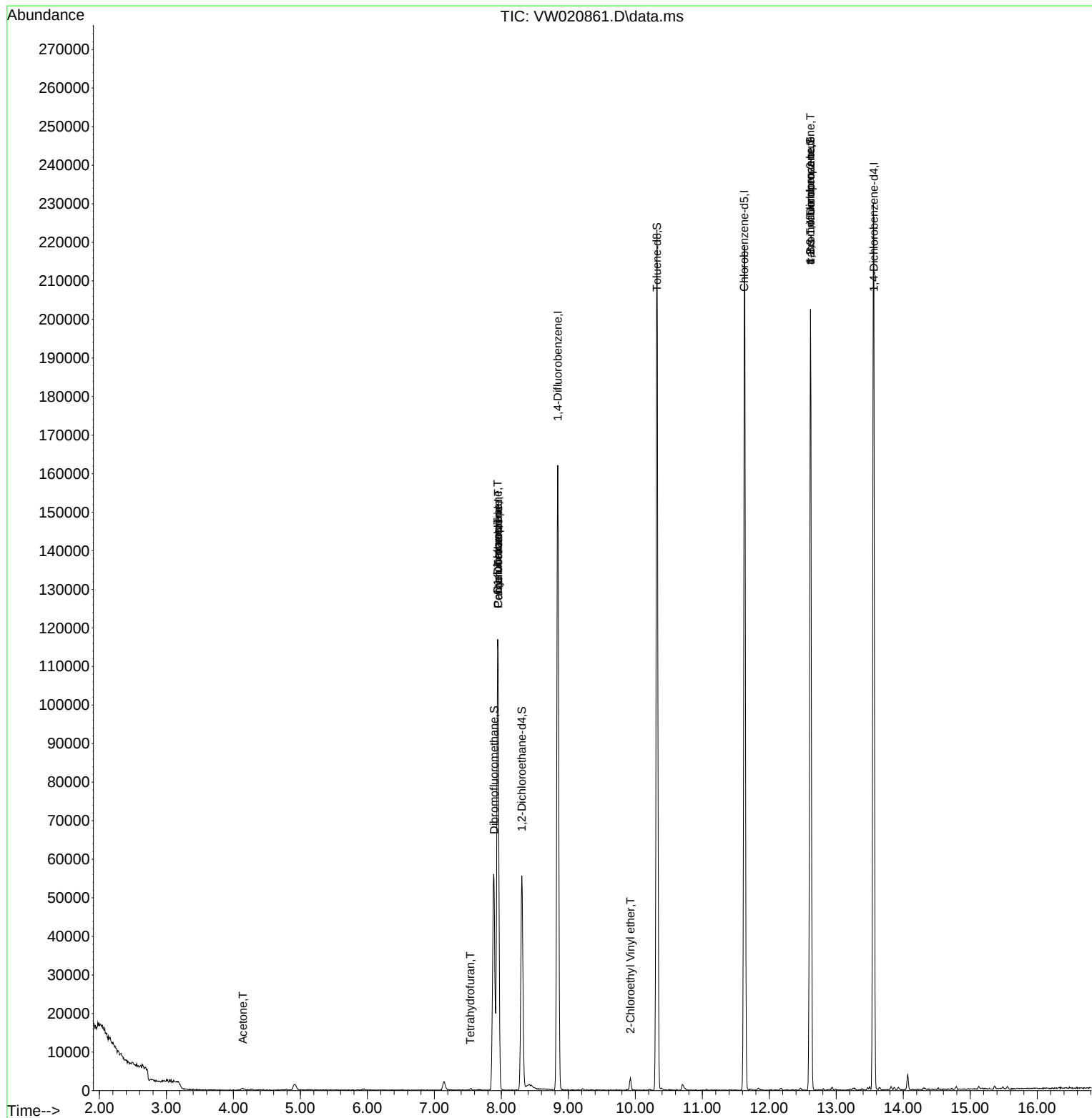
Target Compounds					Qvalue	
5) Bromomethane	2.770	94	441	Below Cal	#	75
16) Acetone	4.141	43	1032	8.932	ug/l	97
20) Methylene Chloride	4.909	84	1310	Below Cal	#	83
29) Tetrahydrofuran	7.537	42	269	1.690	ug/l	# 53
31) Cyclohexane	7.945	56	1788	1.305	ug/l	# 16
36) 1,1-Dichloropropene	7.945	75	6138	5.372	ug/l	# 50
38) Carbon Tetrachloride	7.952	117	8618	7.201	ug/l	# 17
58) 2-Chloroethyl Vinyl ether	9.927	63	1293	2.924	ug/l	96
76) 1,2,3-Trichloropropane	12.615	75	27941	58.202	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.615	75	27941	114.567	ug/l	# 8

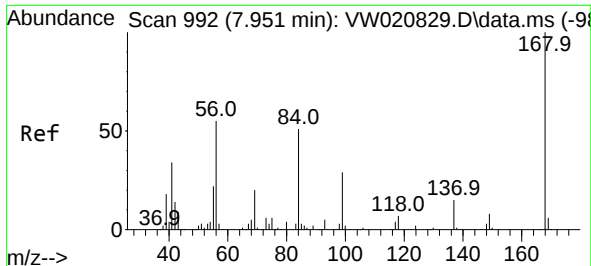
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
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Instrument :
MSVOA_W
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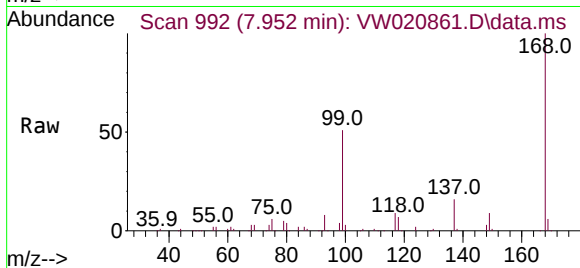
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



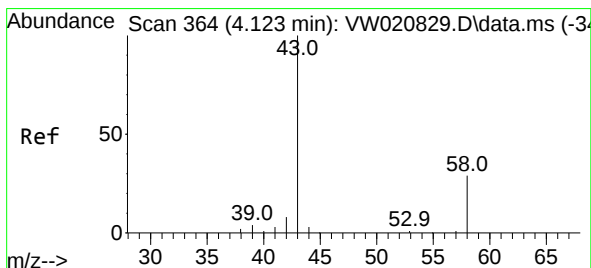
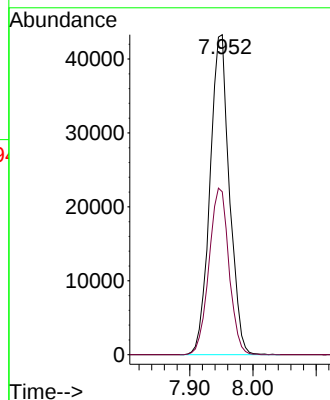
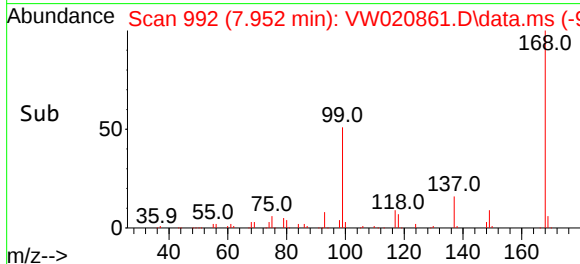


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

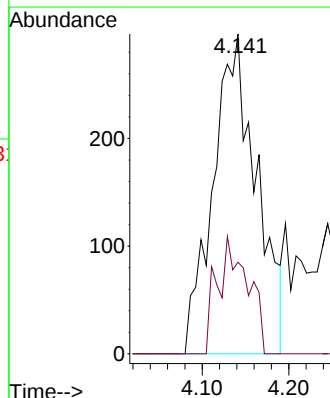
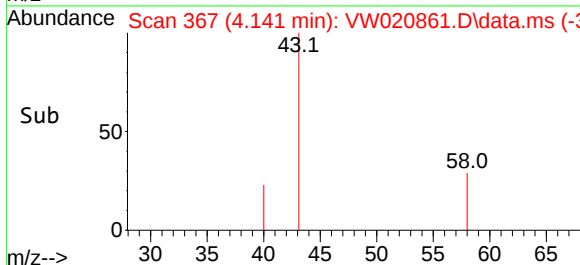
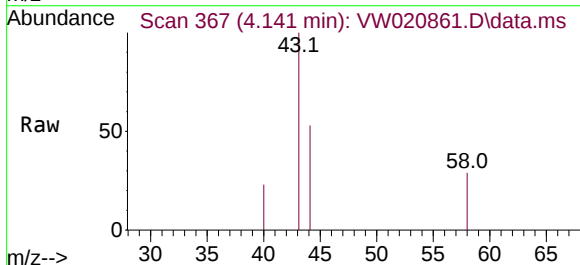


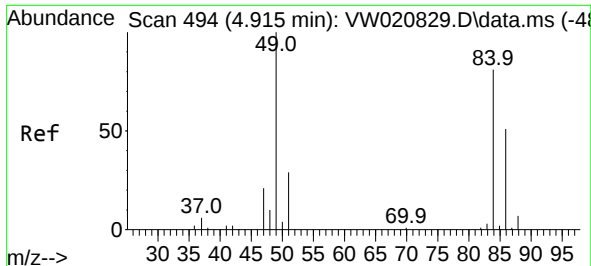
Tgt Ion:168 Resp: 92401
Ion Ratio Lower Upper
168 100
99 50.9 45.4 68.0



#16
Acetone
Concen: 8.932 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

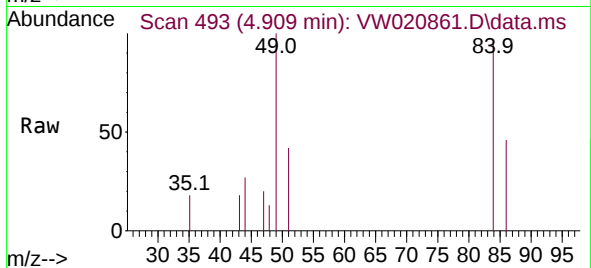
Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.2



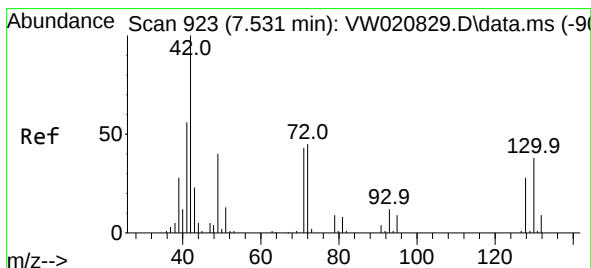
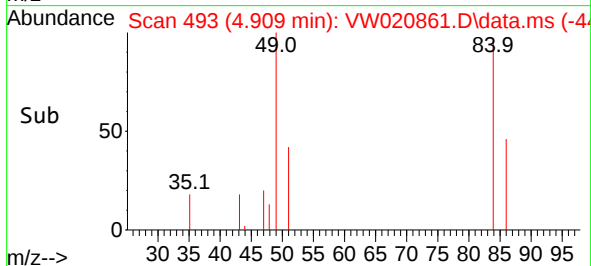
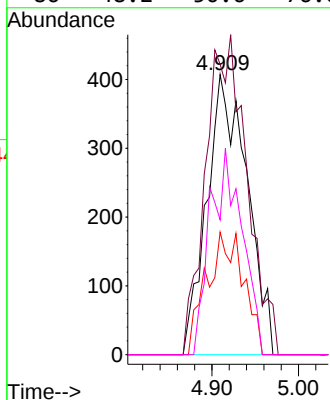


#20
Methylene Chloride
Concen: Below Cal
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

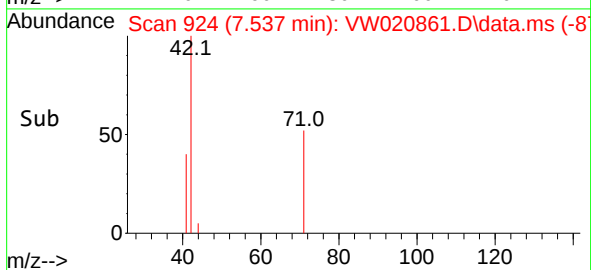
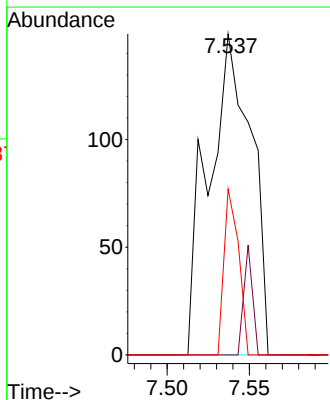
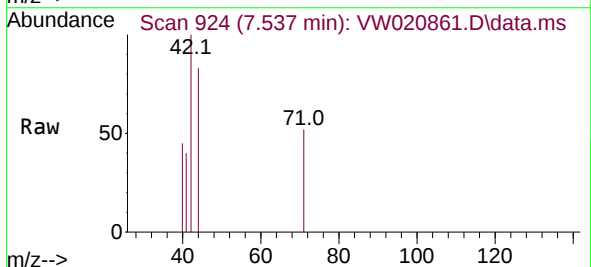


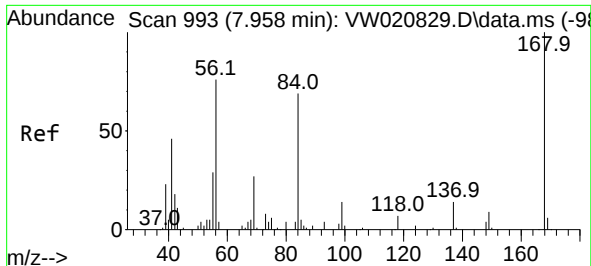
Tgt Ion:	84	Resp:	1310
Ion	Ratio	Lower	Upper
84	100		
49	103.7	100.0	150.0
51	43.7	30.8	46.2
86	48.2	50.6	76.0



#29
Tetrahydrofuran
Concen: 1.690 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

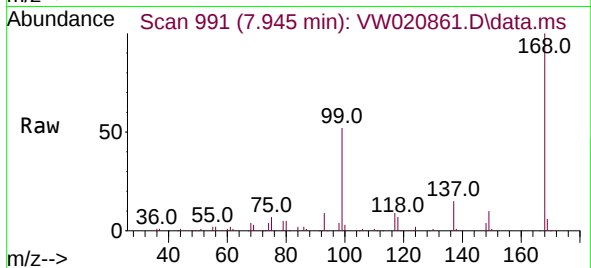
Tgt Ion:	42	Resp:	269
Ion	Ratio	Lower	Upper
42	100		
72	7.1	35.0	52.6
71	17.8	32.2	48.4



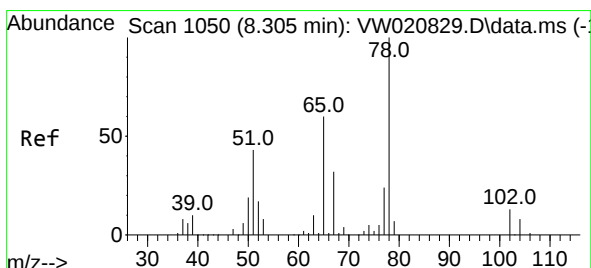
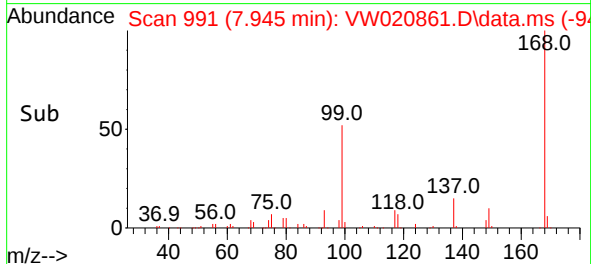
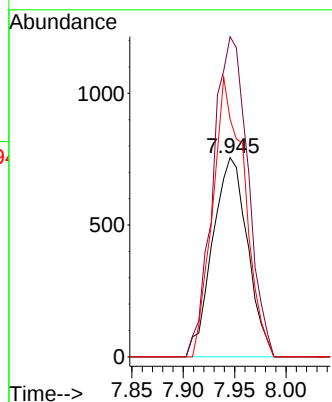


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

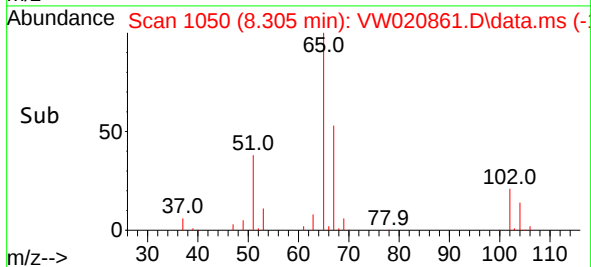
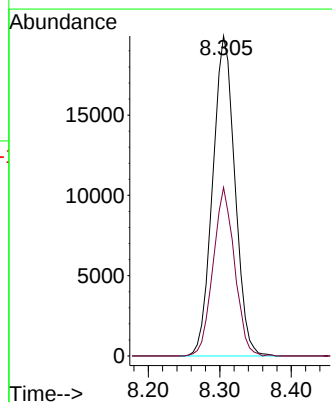
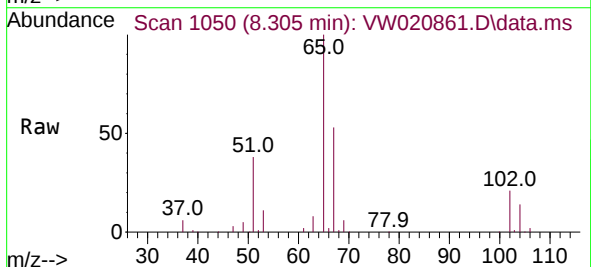


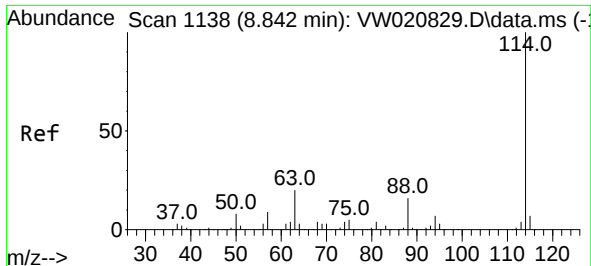
Tgt Ion: 56 Resp: 1788
Ion Ratio Lower Upper
56 100
69 160.7 27.2 40.8#
84 119.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 56.322 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Tgt Ion: 65 Resp: 43037
Ion Ratio Lower Upper
65 100
67 50.9 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: VW020861.D

Acq: 12 Nov 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

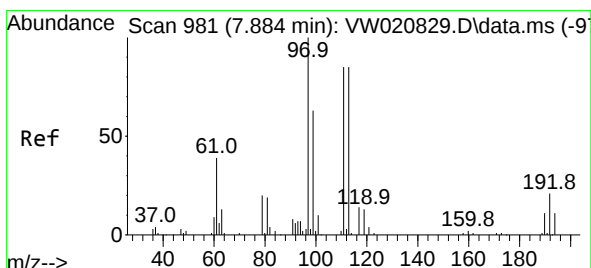
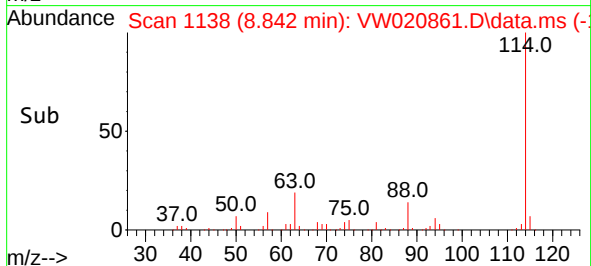
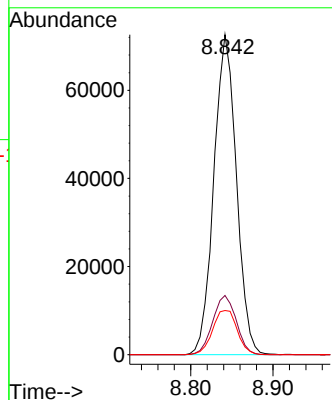
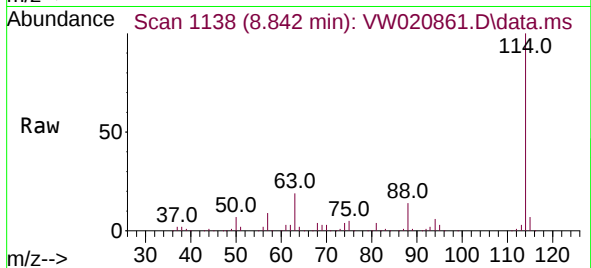
Tgt Ion:114 Resp: 138226

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.8

88 13.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 7.891 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW020861.D

Acq: 12 Nov 2021 18:22

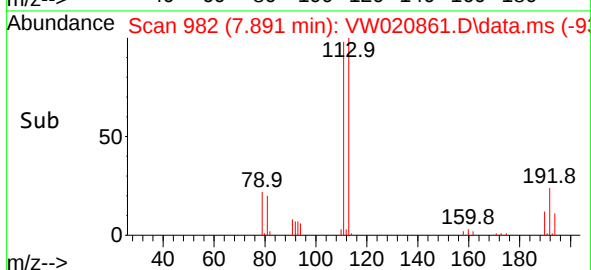
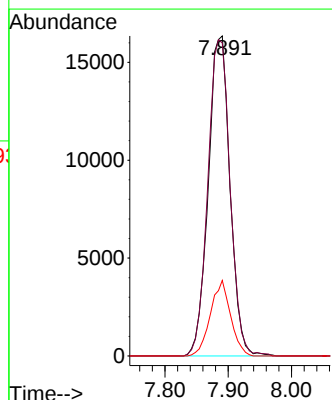
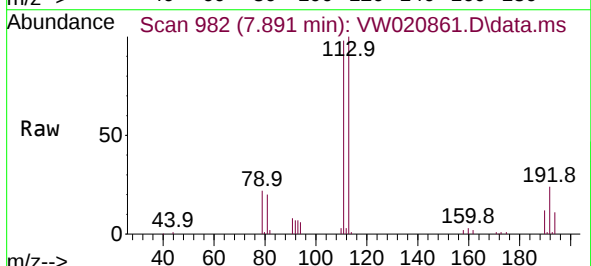
Tgt Ion:113 Resp: 39128

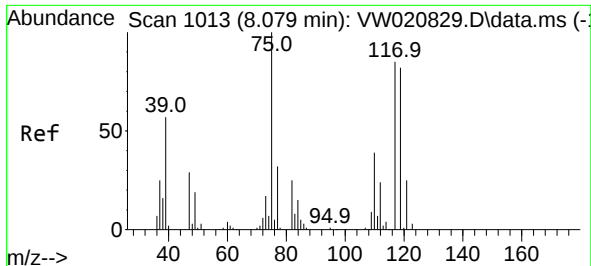
Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

192 21.9 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.372 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.134 min

Lab File: VW020861.D

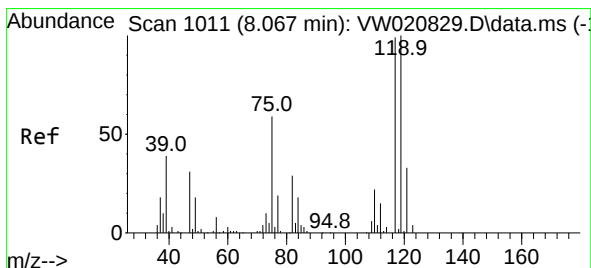
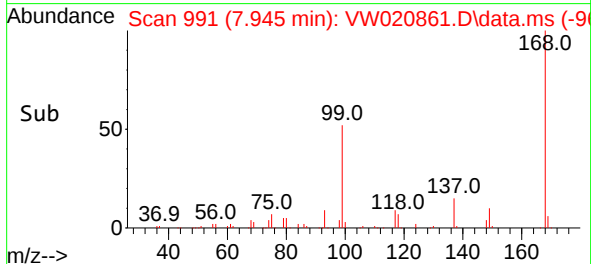
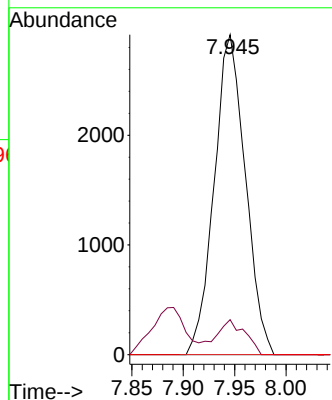
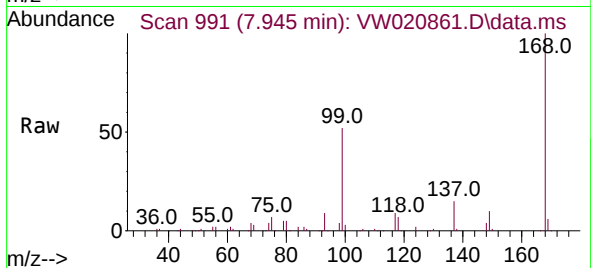
Acq: 12 Nov 2021 18:22

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 6138
Ion Ratio	Lower Upper
75	100
110	8.8 17.1 51.3#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 7.201 ug/l

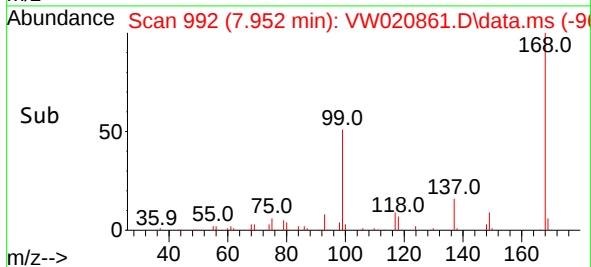
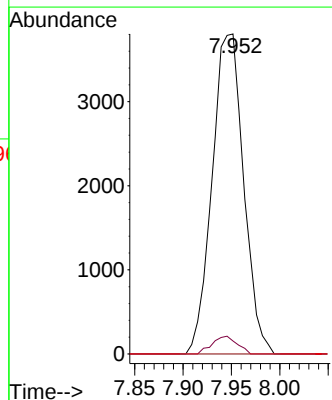
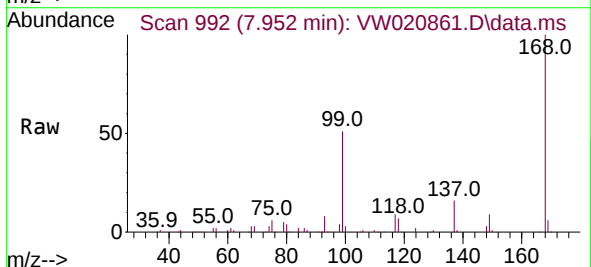
RT: 7.952 min Scan# 992

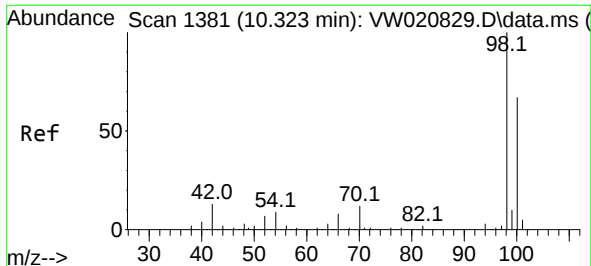
Delta R.T. -0.116 min

Lab File: VW020861.D

Acq: 12 Nov 2021 18:22

Tgt Ion: 117	Resp: 8618
Ion Ratio	Lower Upper
117	100
119	4.1 72.9 109.3#
121	0.0 23.4 35.0#

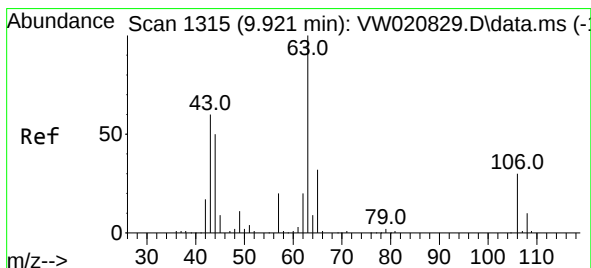
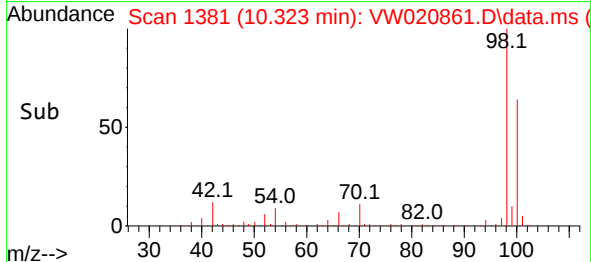
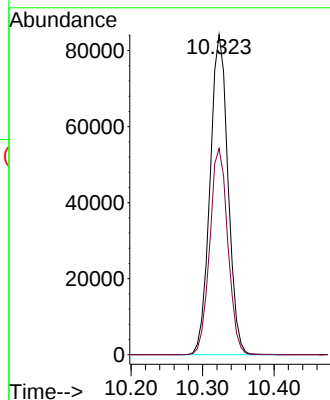
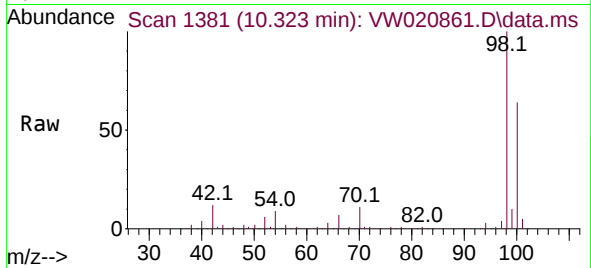




#50
Toluene-d8
Concen: 48.554 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

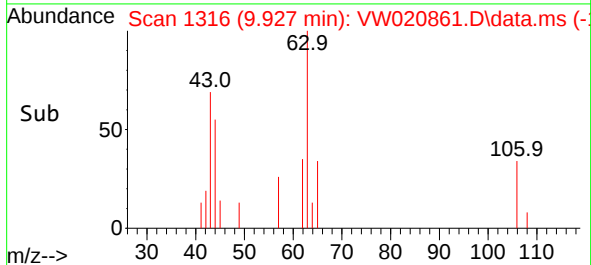
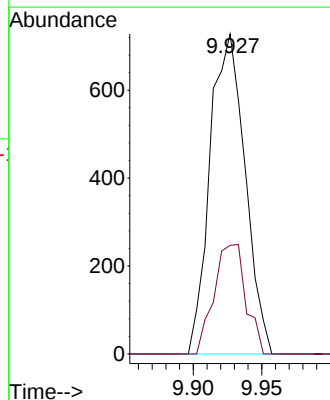
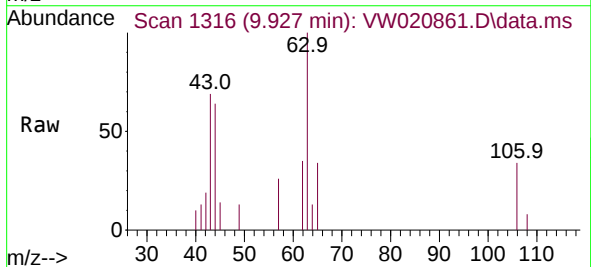
Instrument :
MSVOA_W
ClientSampleId :

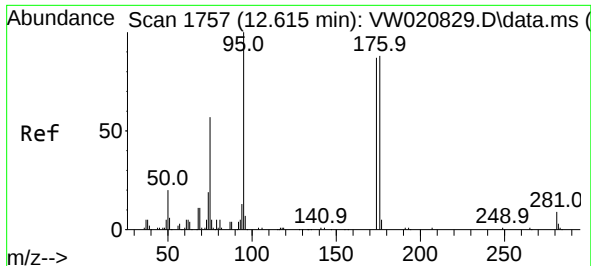
Tgt Ion: 98 Resp: 146800
Ion Ratio Lower Upper
98 100
100 64.8 53.2 79.8



#58
2-Chloroethyl Vinyl ether
Concen: 2.924 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Tgt Ion: 63 Resp: 1293
Ion Ratio Lower Upper
63 100
106 31.1 23.0 34.6

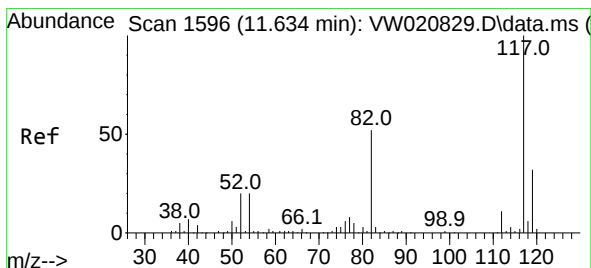
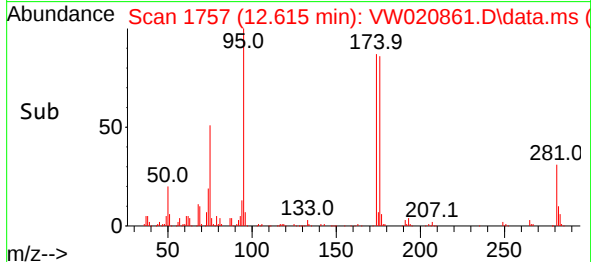
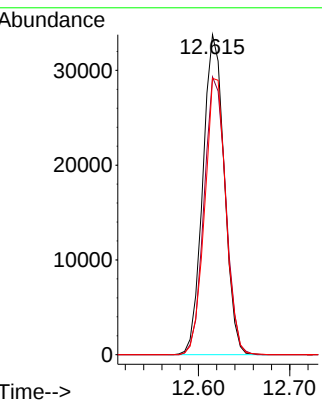
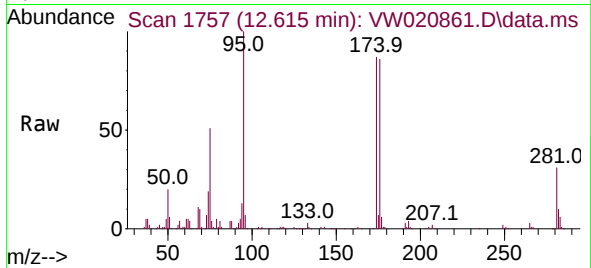




#62
4-Bromofluorobenzene
Concen: 50.466 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

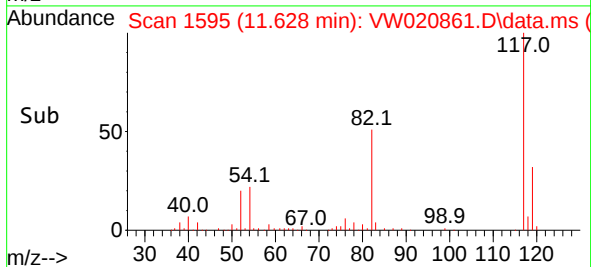
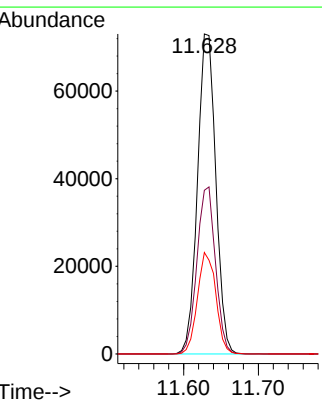
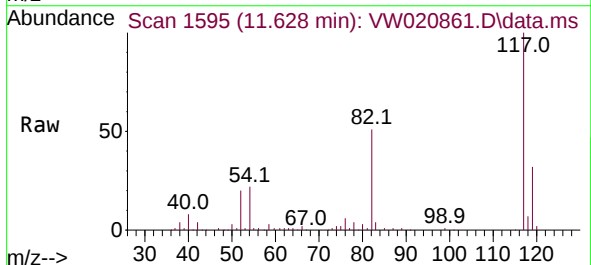
Instrument :
MSVOA_W
ClientSampleId :

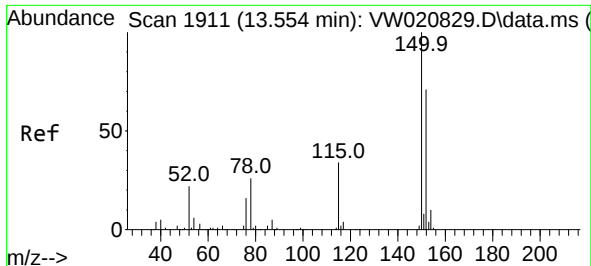
Tgt Ion:	95	Resp:	55049
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	166.4
176	85.4	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

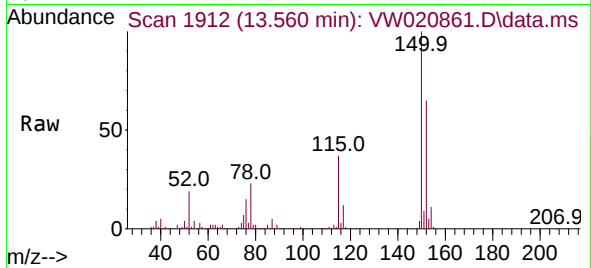
Tgt Ion:	117	Resp:	124333
Ion Ratio	Lower	Upper	
117	100		
82	51.2	45.6	68.4
119	31.7	25.0	37.4



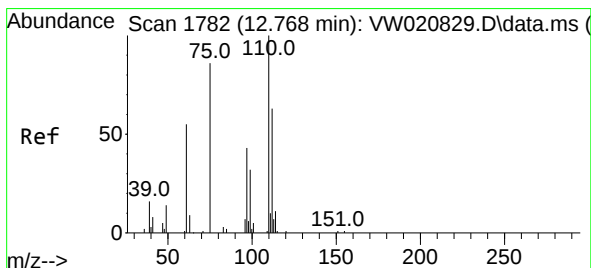
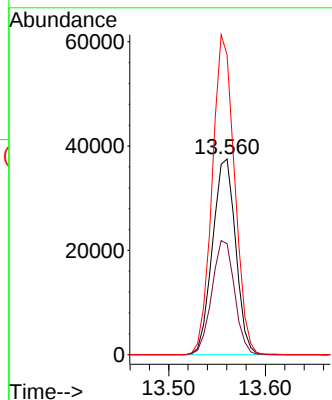
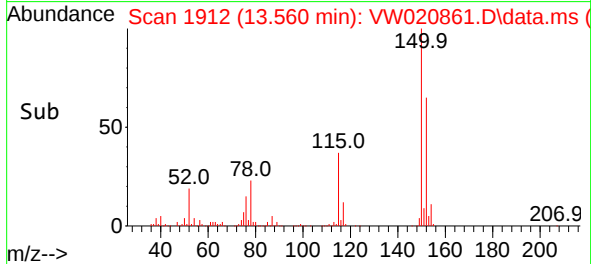


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Instrument :
MSVOA_W
ClientSampleId :

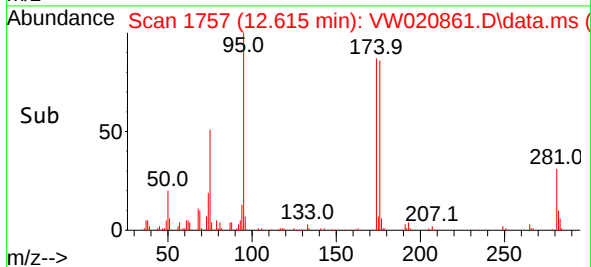
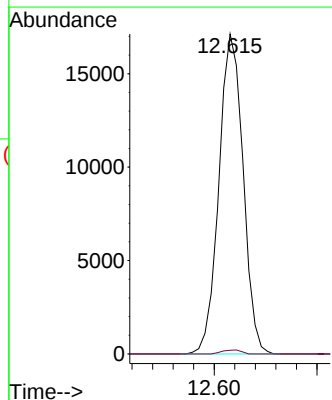
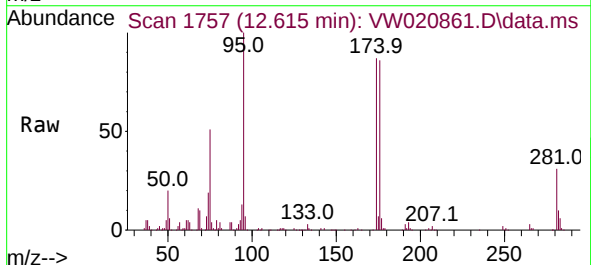


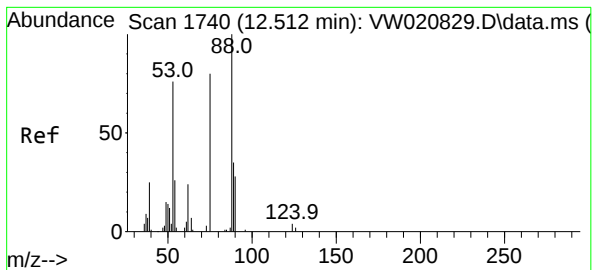
Tgt Ion:152 Resp: 62437
Ion Ratio Lower Upper
152 100
115 57.1 29.6 88.9
150 157.7 0.0 352.6



#76
1,2,3-Trichloropropane
Concen: 58.202 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020861.D
Acq: 12 Nov 2021 18:22

Tgt Ion: 75 Resp: 27941
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.567 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW020861.D
 Acq: 12 Nov 2021 18:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 27941
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.3 36.7 55.1#

