

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020868.D
 Acq On : 12 Nov 2021 21:11
 Operator : SY/VA
 Sample : M4657-03
 Misc : 5.28g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:12:49 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

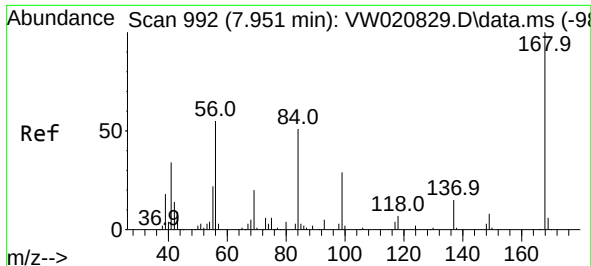
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	56393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	86280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	64185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	21231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	28756	61.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.320%	
35) Dibromofluoromethane	7.884	113	27387	56.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.560%	
50) Toluene-d8	10.323	98	85385	45.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.480%	
62) 4-Bromofluorobenzene	12.615	95	23434	34.418	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.782	94	41	Below Cal	#	2
16) Acetone	4.141	43	543	8.166	ug/l #	44
20) Methylene Chloride	4.915	84	993	Below Cal		86
31) Cyclohexane	7.945	56	1193	1.426	ug/l #	34
36) 1,1-Dichloropropene	7.945	75	3848	5.396	ug/l #	51
38) Carbon Tetrachloride	7.945	117	5408	7.240	ug/l #	17
76) 1,2,3-Trichloropropane	12.615	75	13167	80.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	13167	158.772	ug/l #	9

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

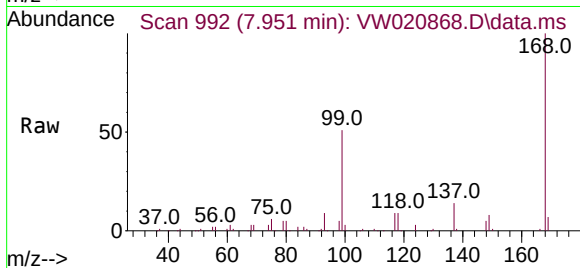
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



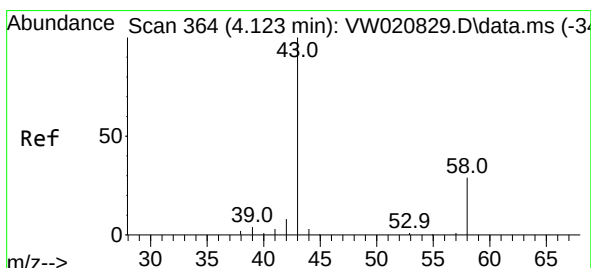
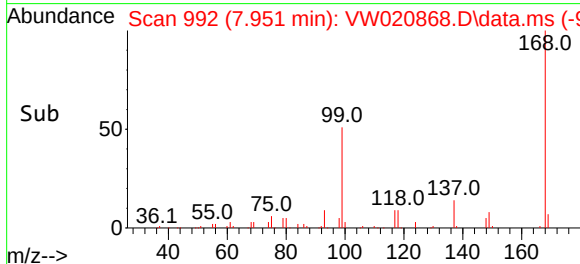
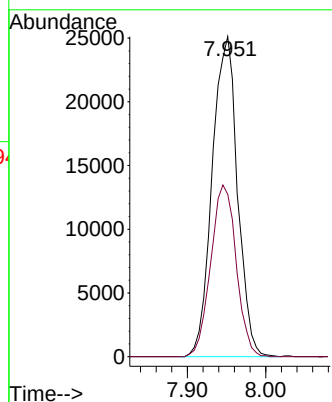


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Instrument :
MSVOA_W
ClientSampleId :

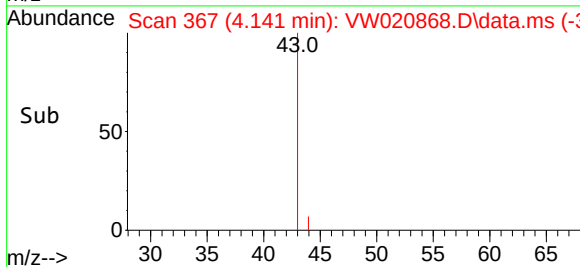
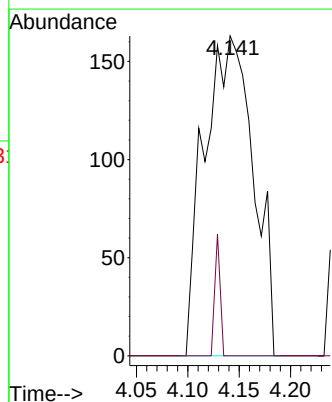
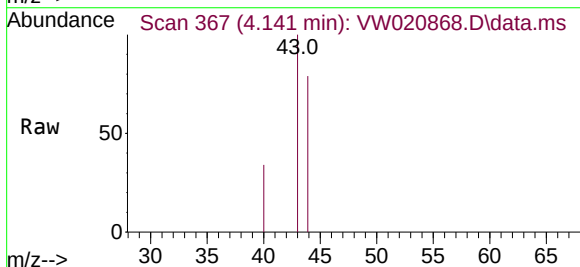


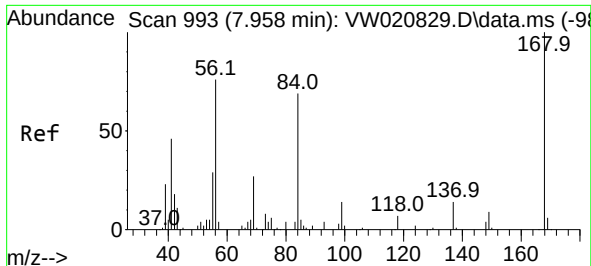
Tgt Ion:168 Resp: 56393
Ion Ratio Lower Upper
168 100
99 50.8 45.4 68.0



#16
Acetone
Concen: 8.166 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

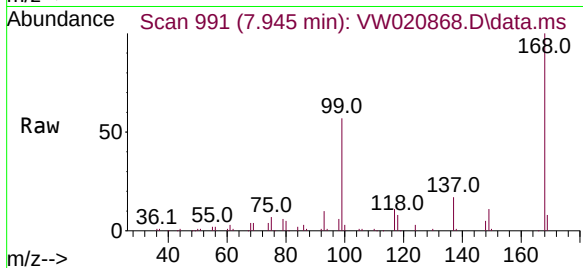
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



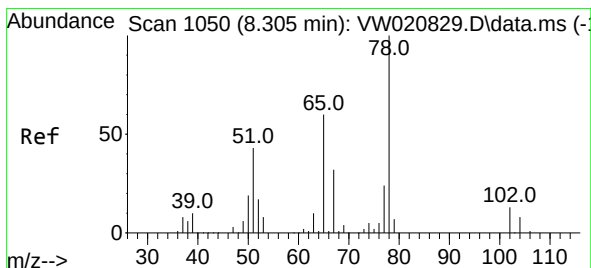
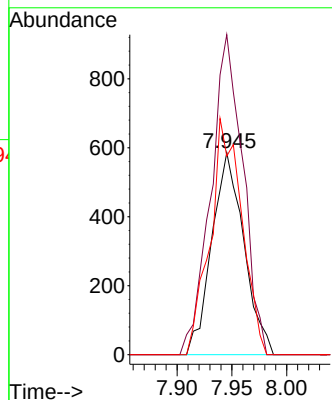
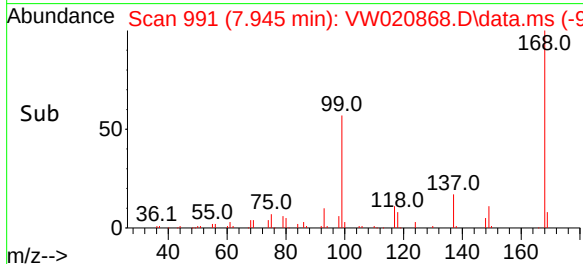


#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Instrument :
MSVOA_W
ClientSampleId :

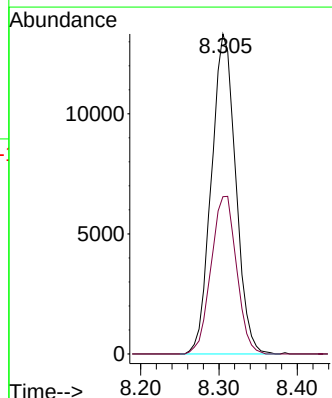
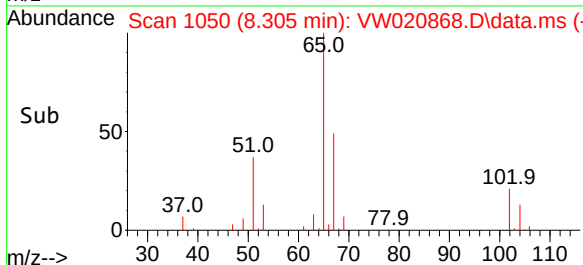
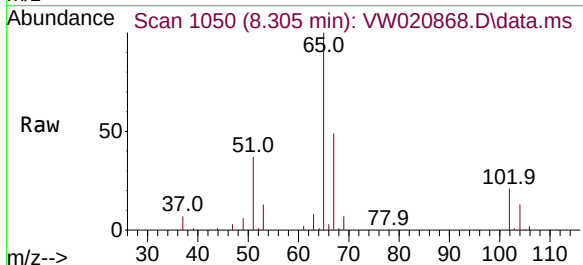


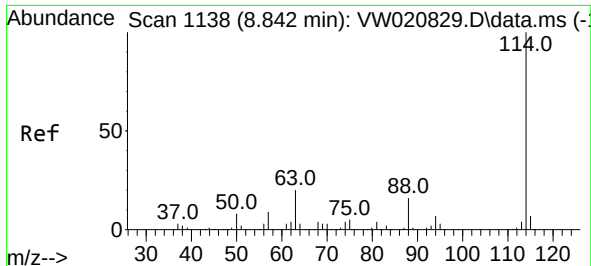
Tgt Ion: 56 Resp: 1193
Ion Ratio Lower Upper
56 100
69 158.4 27.2 40.8#
84 98.3 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 61.662 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Tgt Ion: 65 Resp: 28756
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020868.D

Acq: 12 Nov 2021 21:11

Instrument :

MSVOA_W

ClientSampleId :

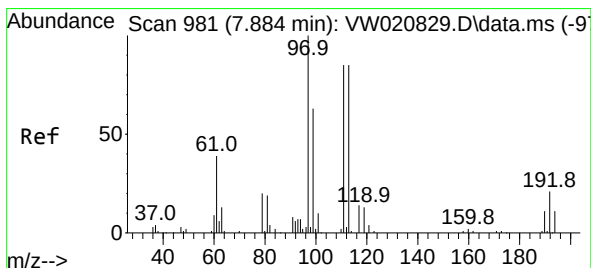
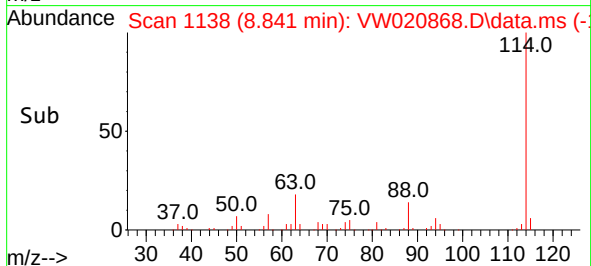
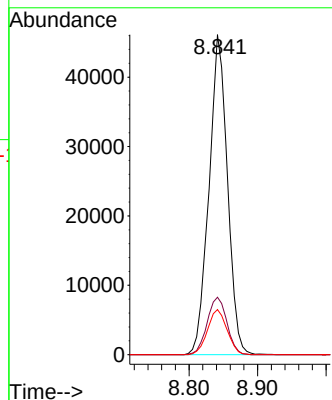
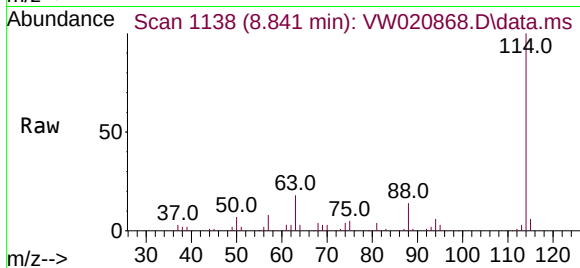
Tgt Ion:114 Resp: 86280

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.8

88 14.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 56.778 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020868.D

Acq: 12 Nov 2021 21:11

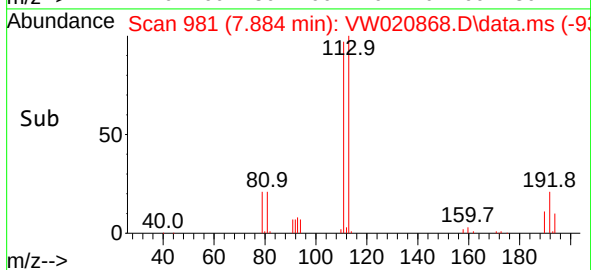
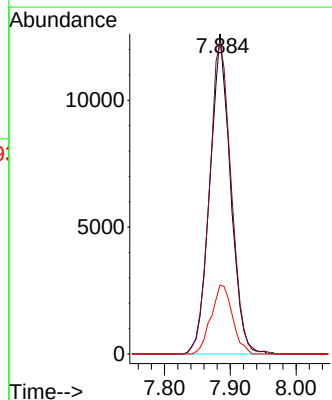
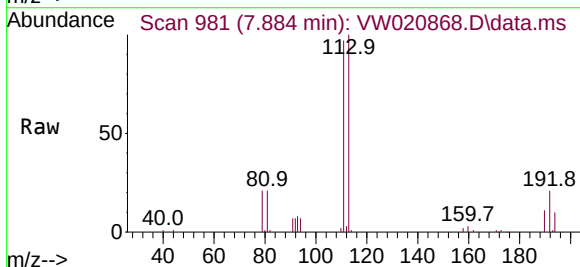
Tgt Ion:113 Resp: 27387

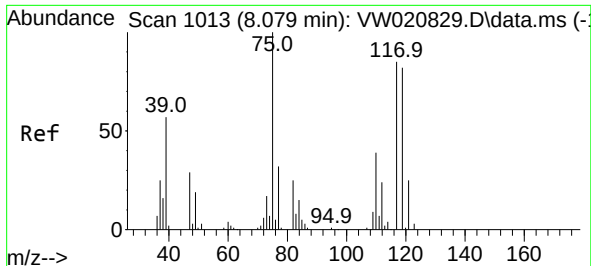
Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 22.4 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.396 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.134 min

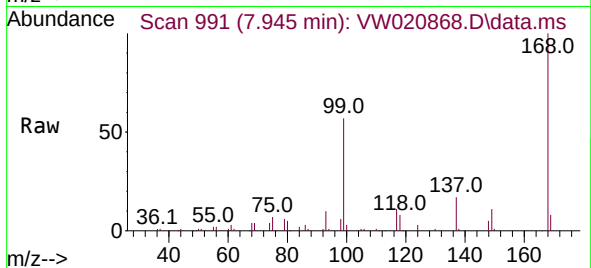
Lab File: VW020868.D

Acq: 12 Nov 2021 21:11

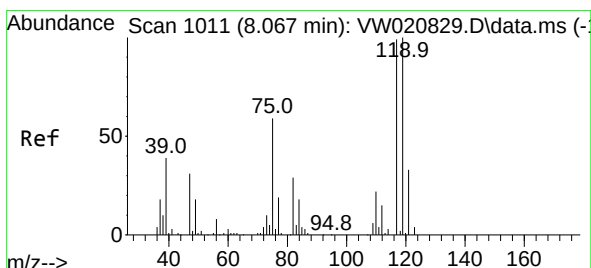
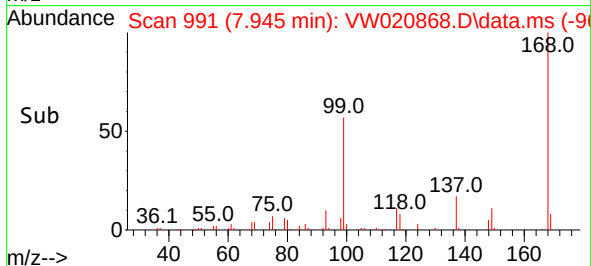
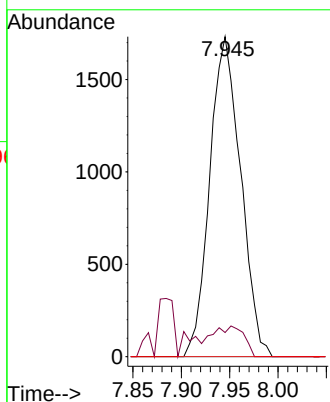
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	3848
Ion Ratio	Lower	Upper	
75	100		
110	9.9	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 7.240 ug/l

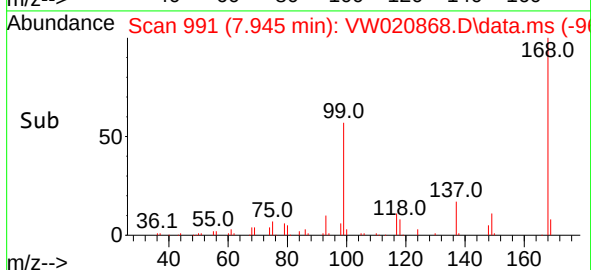
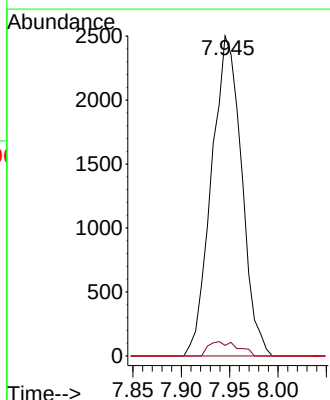
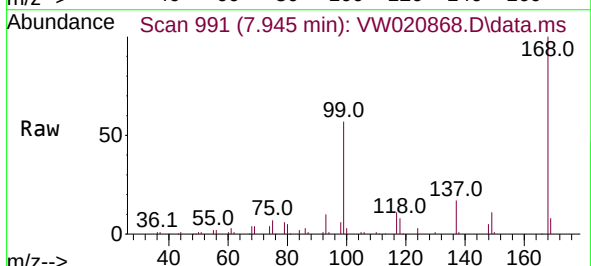
RT: 7.945 min Scan# 991

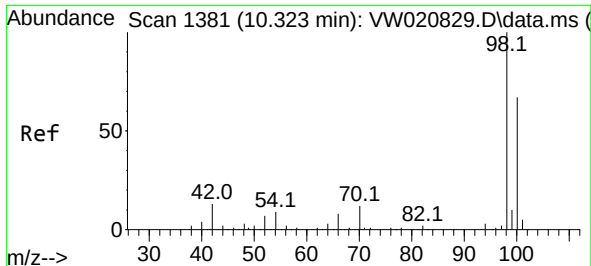
Delta R.T. -0.122 min

Lab File: VW020868.D

Acq: 12 Nov 2021 21:11

Tgt Ion:	117	Resp:	5408
Ion Ratio	Lower	Upper	
117	100		
119	3.3	72.9	109.3#
121	0.0	23.4	35.0#

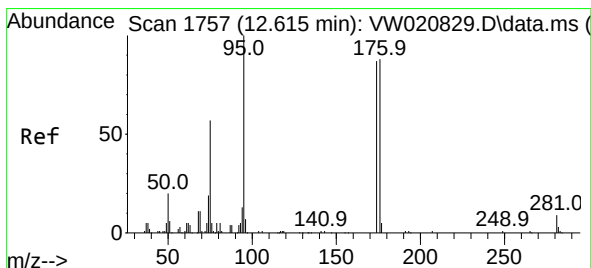
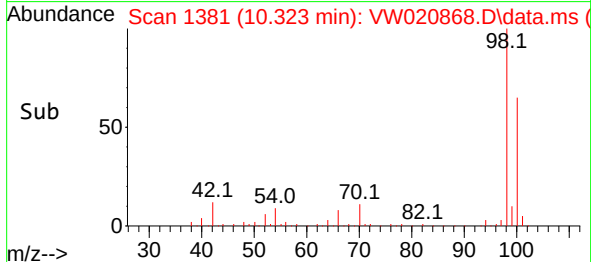
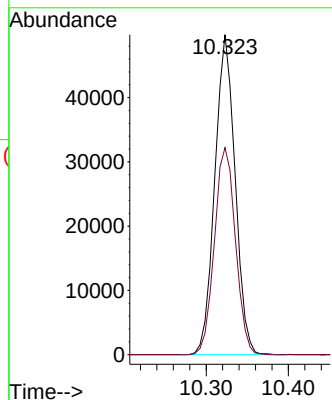
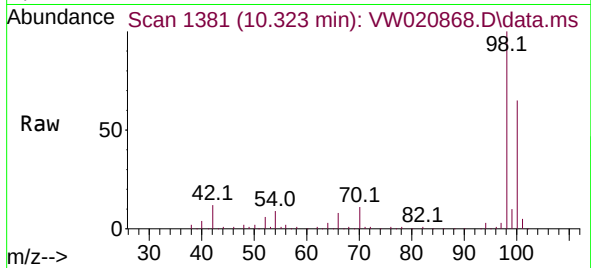




#50
Toluene-d8
Concen: 45.244 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

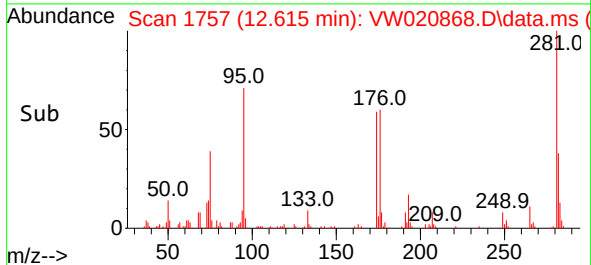
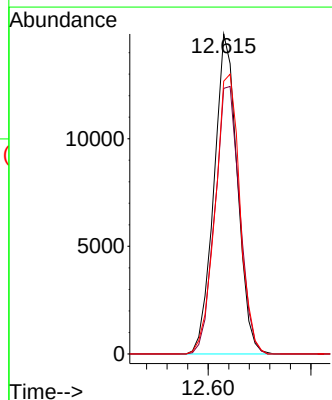
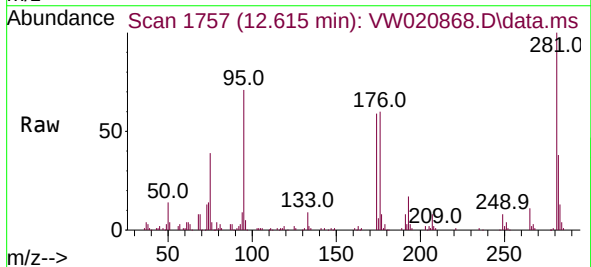
Instrument :
MSVOA_W
ClientSampleId :

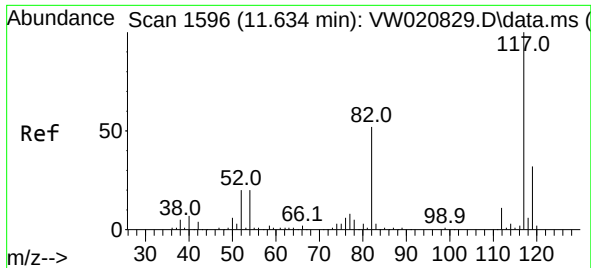
Tgt Ion: 98 Resp: 85385
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 34.418 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Tgt Ion: 95 Resp: 23434
Ion Ratio Lower Upper
95 100
174 88.3 0.0 166.4
176 91.8 0.0 159.8

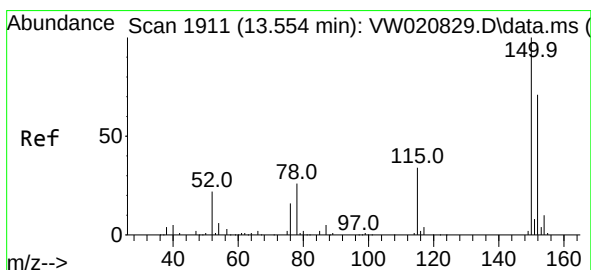
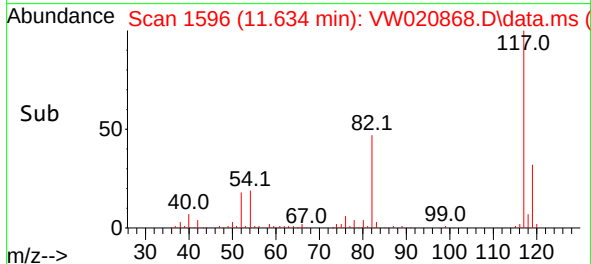
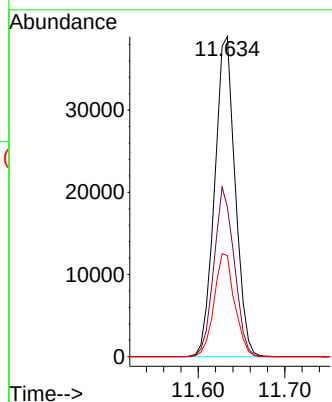
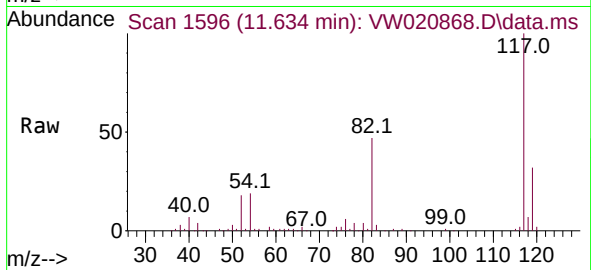




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

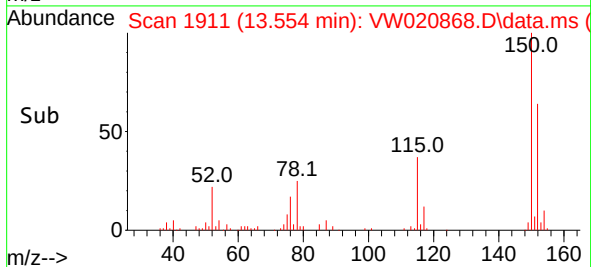
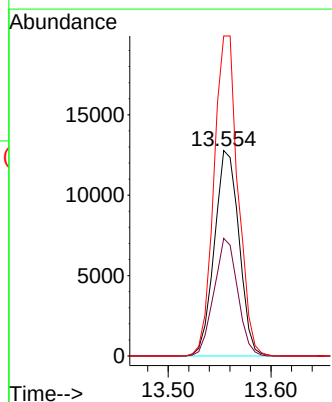
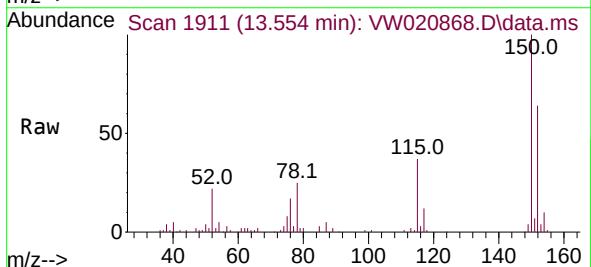
Instrument :
MSVOA_W
ClientSampleId :

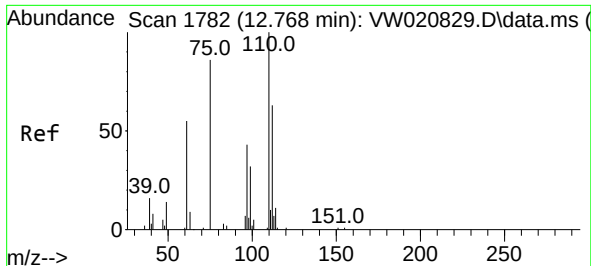
Tgt Ion:117 Resp: 64185
Ion Ratio Lower Upper
117 100
82 46.8 45.6 68.4
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Tgt Ion:152 Resp: 21231
Ion Ratio Lower Upper
152 100
115 55.1 29.6 88.9
150 152.3 0.0 352.6

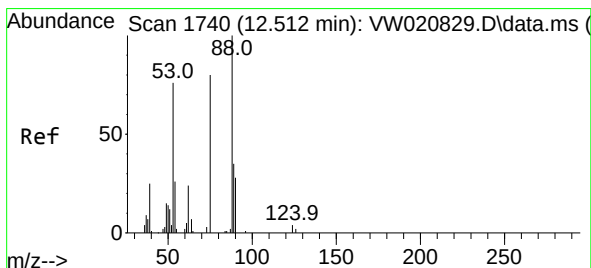
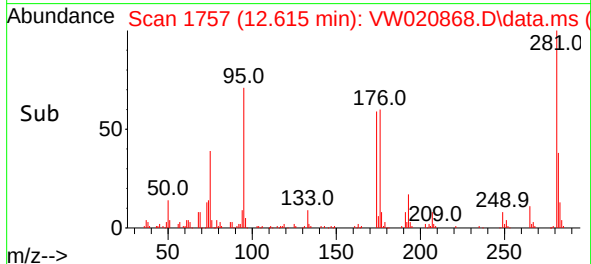
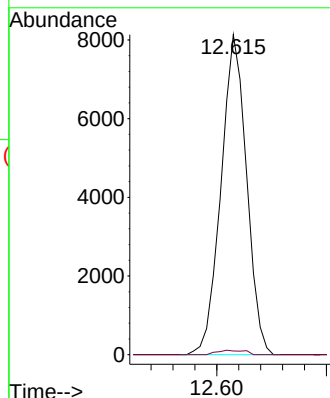
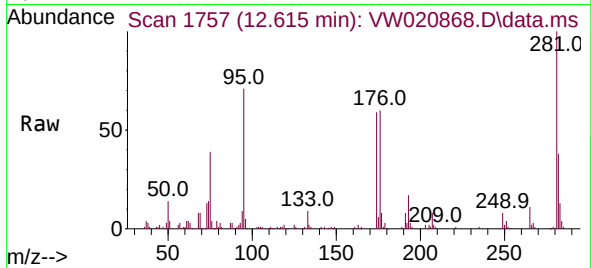




#76
1,2,3-Trichloropropane
Concen: 80.660 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 13167
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 158.772 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020868.D
Acq: 12 Nov 2021 21:11

Tgt Ion: 75 Resp: 13167
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 2.1 36.7 55.1#

