

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020878.D
 Acq On : 13 Nov 2021 01:13
 Operator : SY/VA
 Sample : M4654-06
 Misc : 5.70g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:15:17 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)

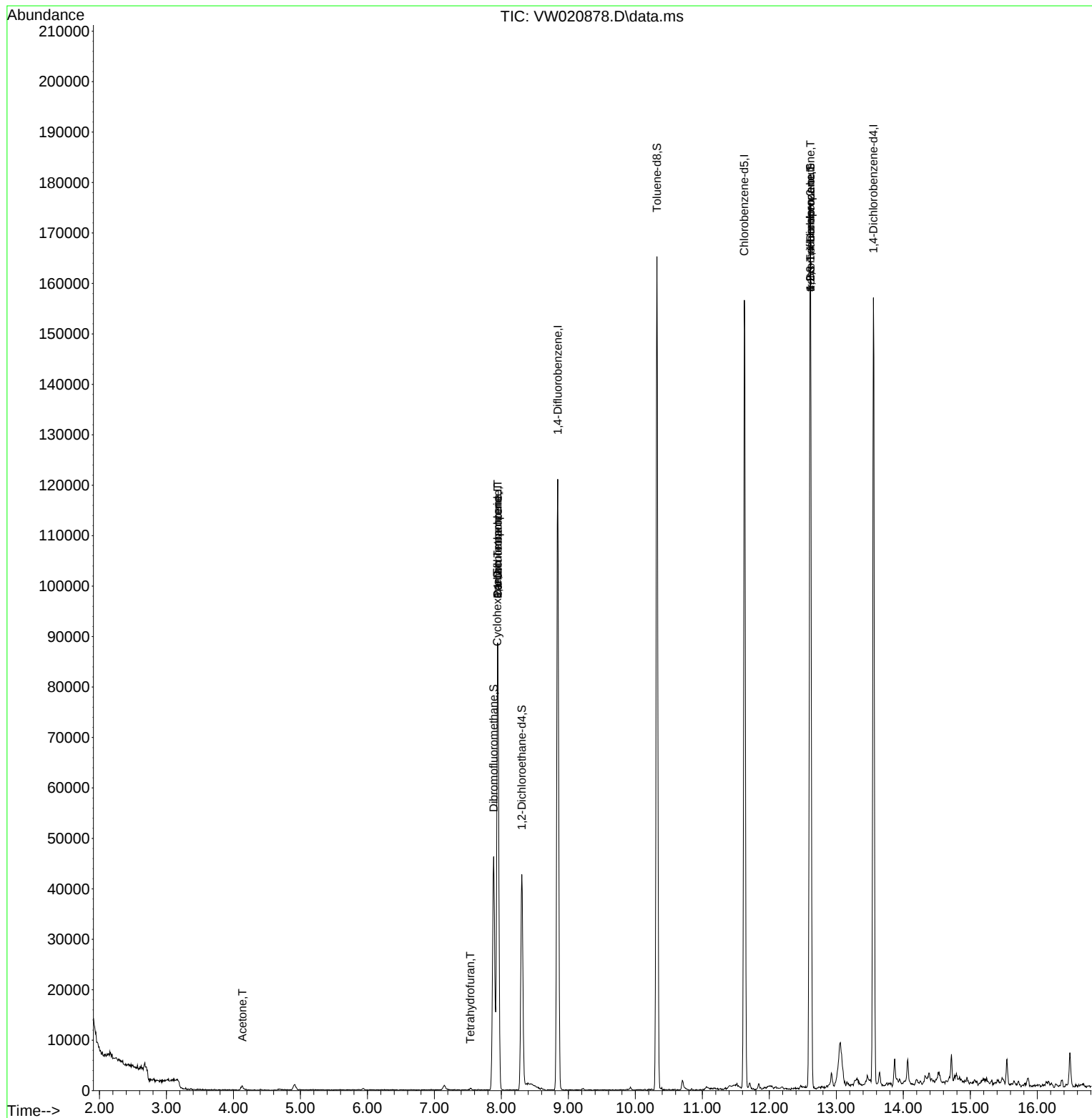
Internal Standards						
1) Pentafluorobenzene	7.945	168	68558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	102398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	87131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	41700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33589	59.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.500%	
35) Dibromofluoromethane	7.884	113	31630	55.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.500%	
50) Toluene-d8	10.323	98	106485	47.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.615	95	38556	47.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.678	94	27	Below Cal	#	2
16) Acetone	4.135	43	1673	15.510	ug/l #	88
20) Methylene Chloride	4.909	84	862	Below Cal	#	88
29) Tetrahydrofuran	7.537	42	236	1.999	ug/l #	53
31) Cyclohexane	7.939	56	1372	1.349	ug/l #	39
36) 1,1-Dichloropropene	7.945	75	4733	5.592	ug/l #	50
38) Carbon Tetrachloride	7.945	117	6265	7.067	ug/l #	18
76) 1,2,3-Trichloropropane	12.615	75	20909	65.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	20909	128.368	ug/l #	8

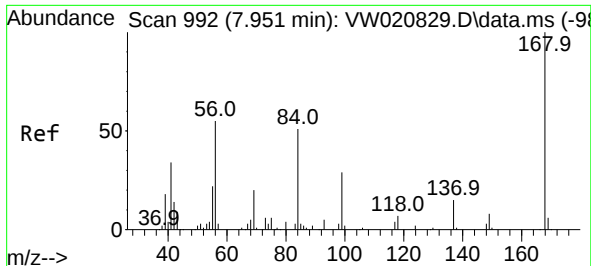
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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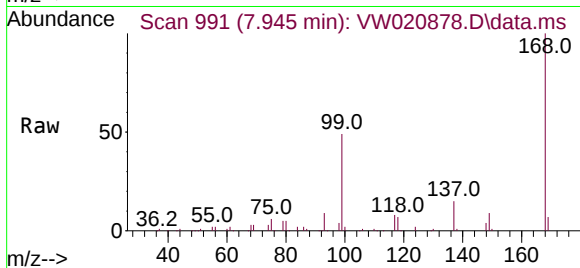
Quant Time: Nov 15 00:15:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
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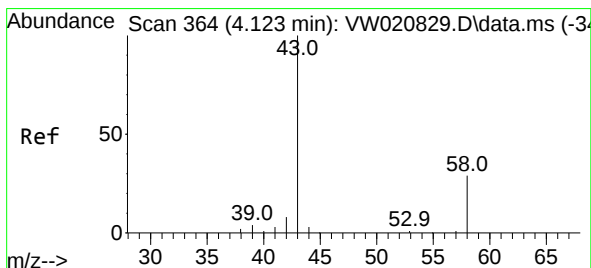
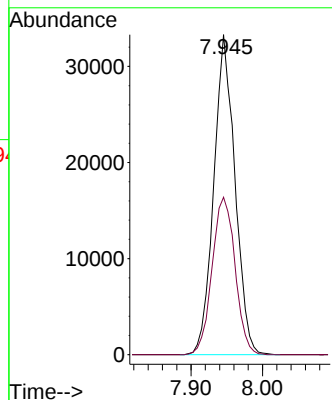
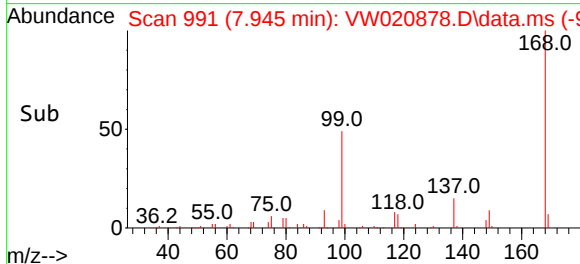


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Instrument :
MSVOA_W
ClientSampleId :

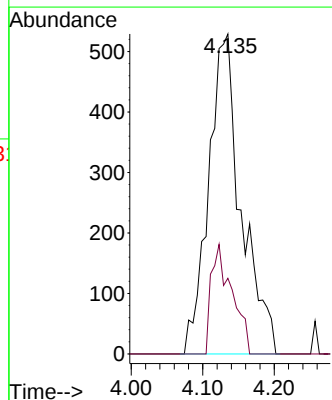
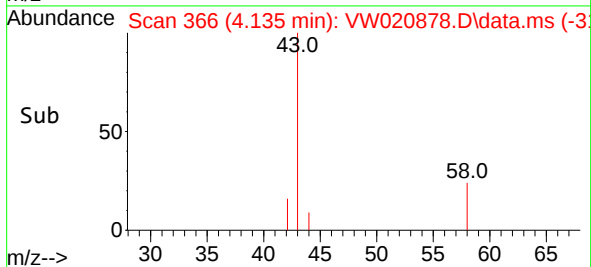
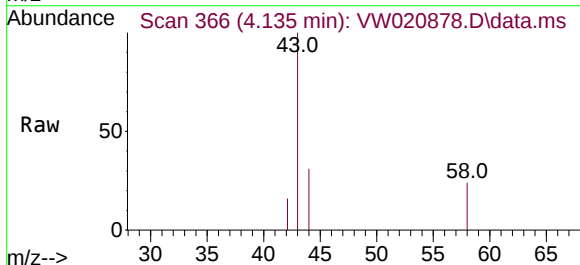


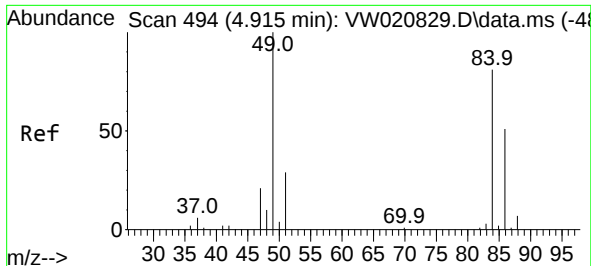
Tgt Ion:168 Resp: 68558
Ion Ratio Lower Upper
168 100
99 49.2 45.4 68.0



#16
Acetone
Concen: 15.510 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

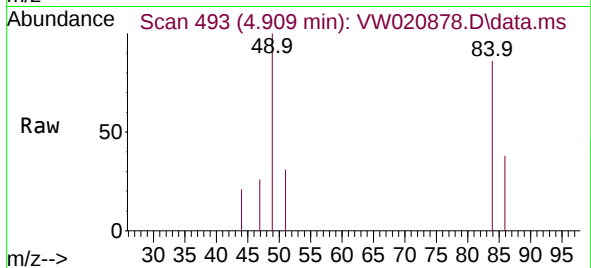
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 23.6 24.2 36.2#





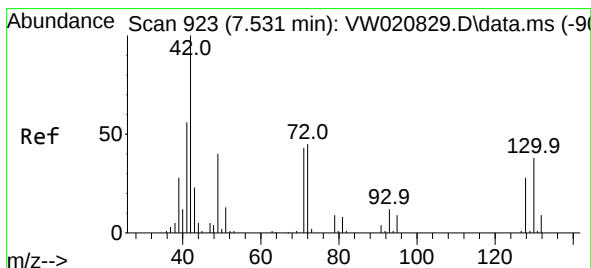
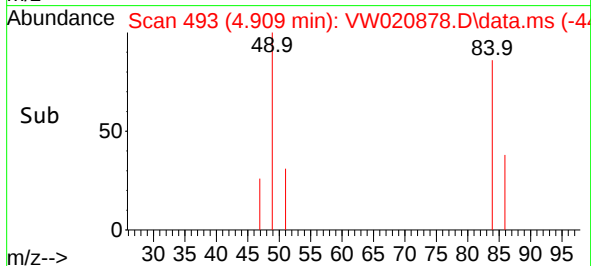
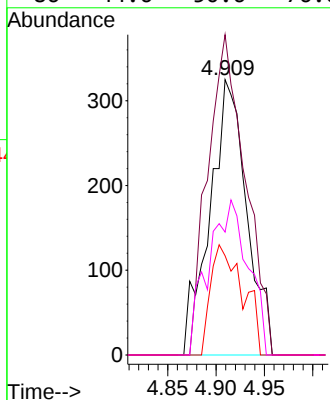
#20
Methylene Chloride
Concen: Below Cal
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 862

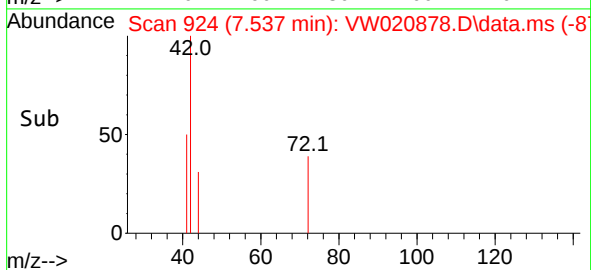
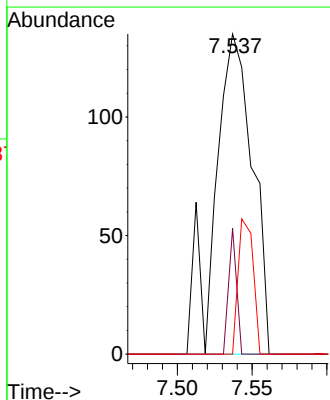
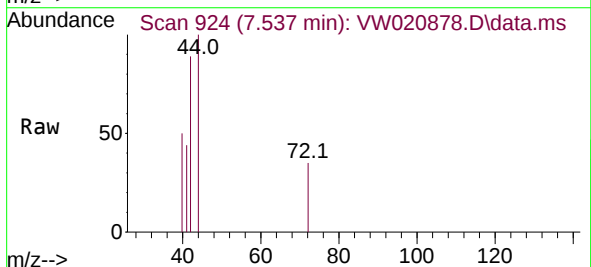
Ion	Ratio	Lower	Upper
84	100		
49	116.3	100.0	150.0
51	36.0	30.8	46.2
86	44.6	50.6	76.0

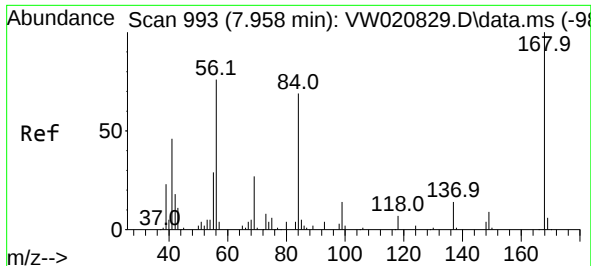


#29
Tetrahydrofuran
Concen: 1.999 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Tgt Ion: 42 Resp: 236

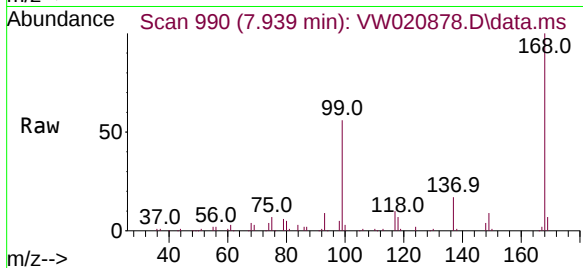
Ion	Ratio	Lower	Upper
42	100		
72	8.1	35.0	52.6
71	16.9	32.2	48.4



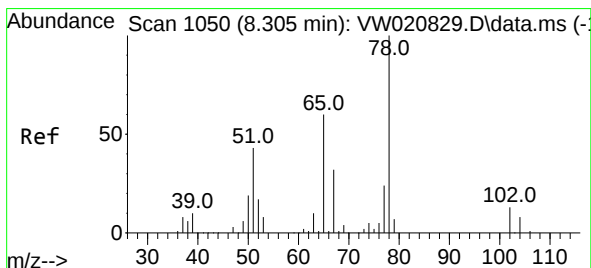
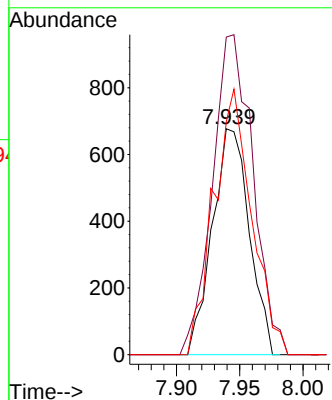
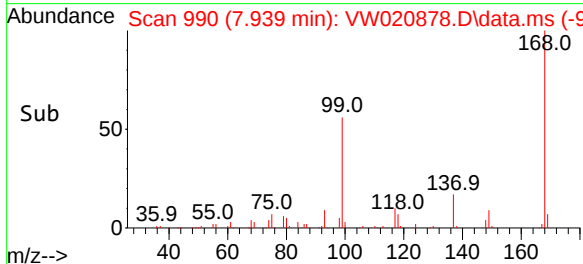


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.018 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

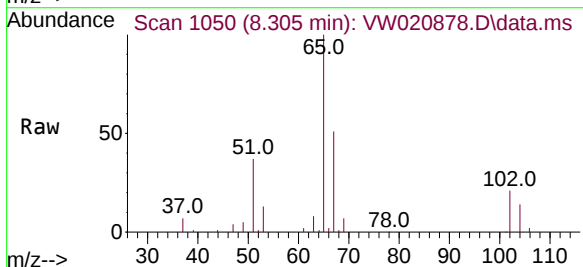
Instrument :
MSVOA_W
ClientSampleId :



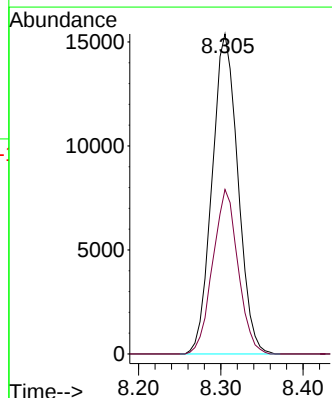
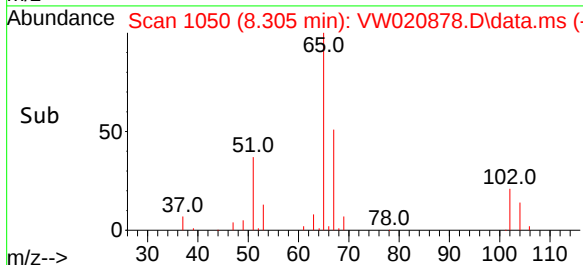
Tgt Ion: 56 Resp: 1372
Ion Ratio Lower Upper
56 100
69 140.6 27.2 40.8#
84 103.1 71.8 107.6

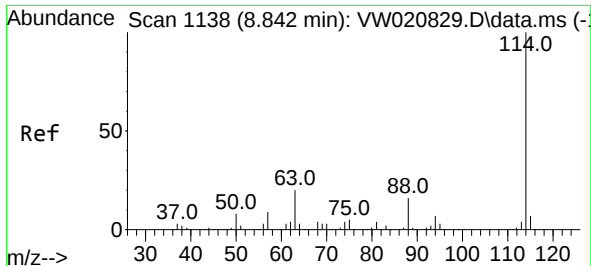


#33
1,2-Dichloroethane-d4
Concen: 59.245 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13



Tgt Ion: 65 Resp: 33589
Ion Ratio Lower Upper
65 100
67 50.3 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: VW020878.D

Acq: 13 Nov 2021 01:13

Instrument :

MSVOA_W

ClientSampleId :

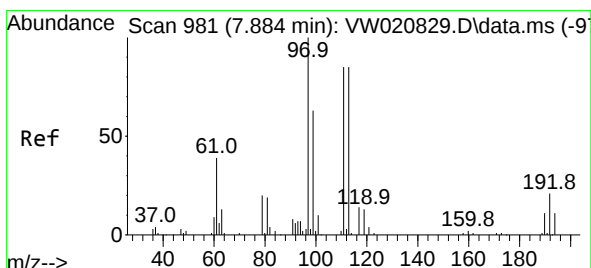
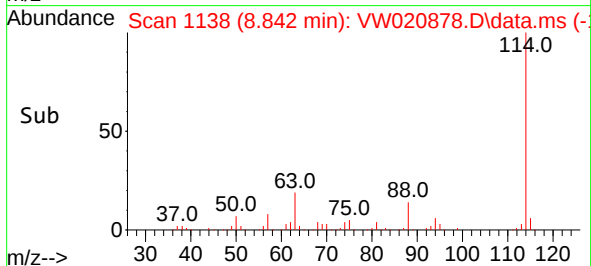
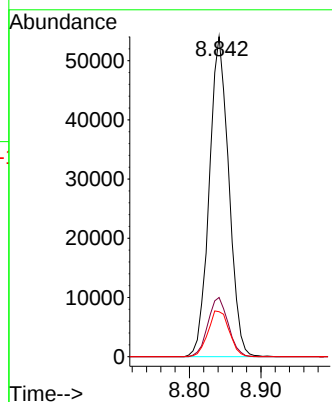
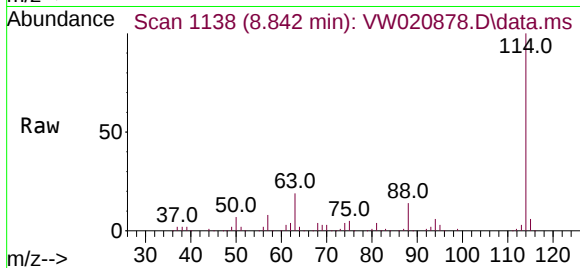
Tgt Ion:114 Resp: 102398

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.8

88 14.1 0.0 33.0



#35

Dibromofluoromethane

Concen: 55.252 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020878.D

Acq: 13 Nov 2021 01:13

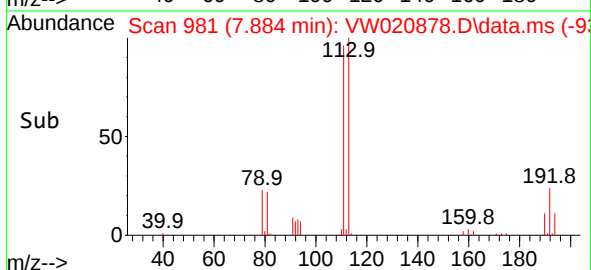
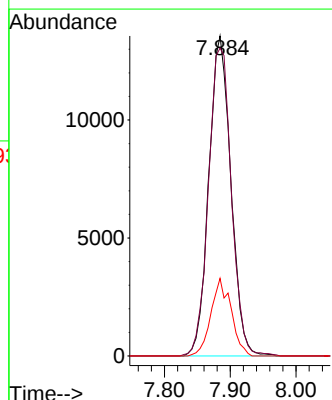
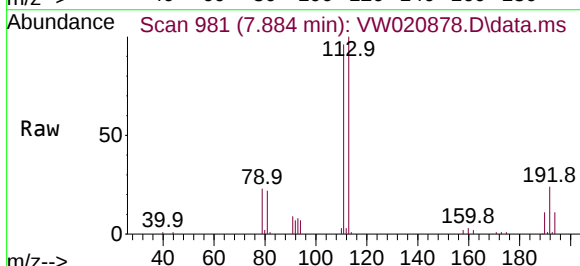
Tgt Ion:113 Resp: 31630

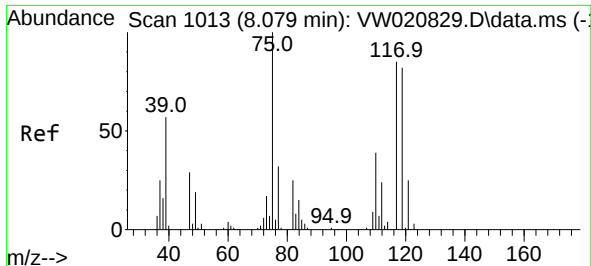
Ion Ratio Lower Upper

113 100

111 100.3 82.1 123.1

192 22.2 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.592 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.134 min

Lab File: VW020878.D

Acq: 13 Nov 2021 01:13

Instrument :

MSVOA_W

ClientSampleId :

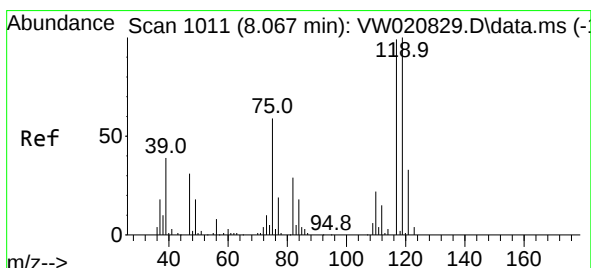
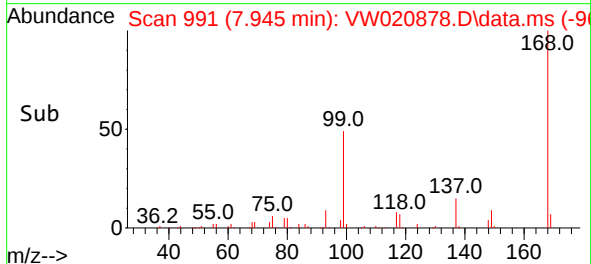
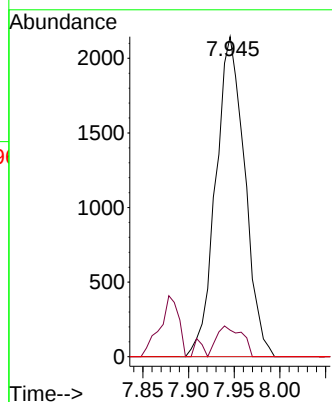
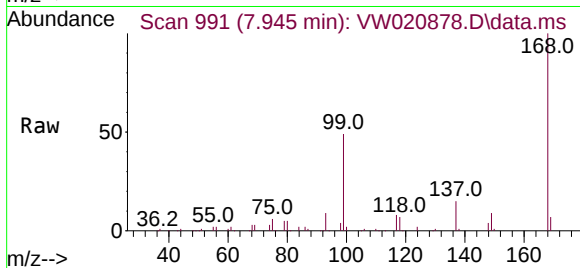
Tgt Ion: 75 Resp: 4733

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 7.067 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.122 min

Lab File: VW020878.D

Acq: 13 Nov 2021 01:13

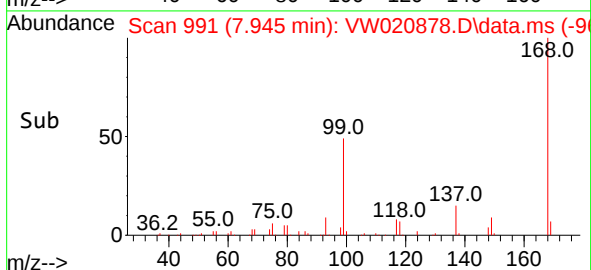
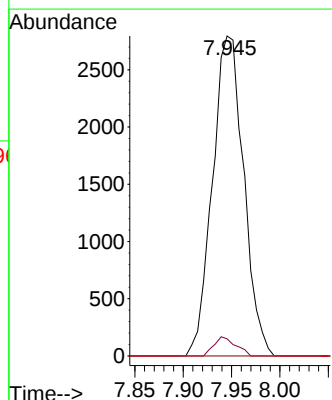
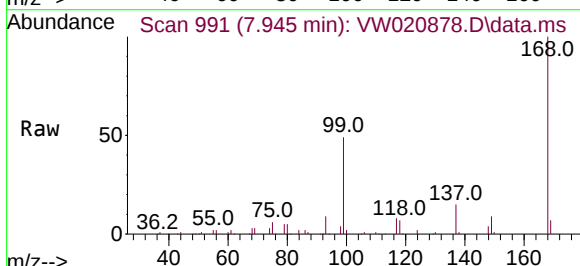
Tgt Ion: 117 Resp: 6265

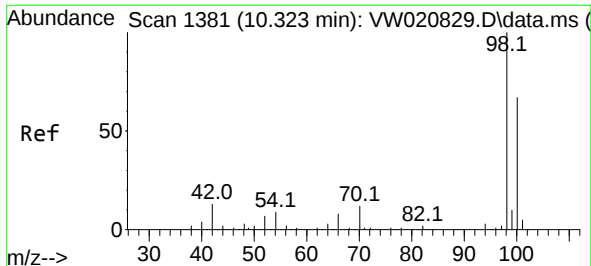
Ion Ratio Lower Upper

117 100

119 5.4 72.9 109.3#

121 0.0 23.4 35.0#

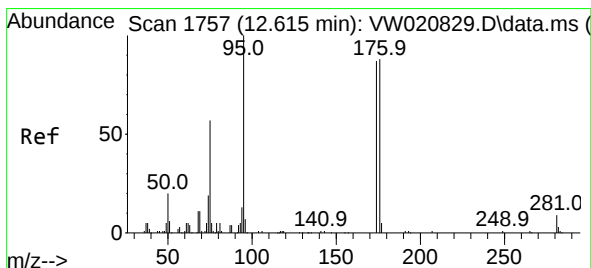
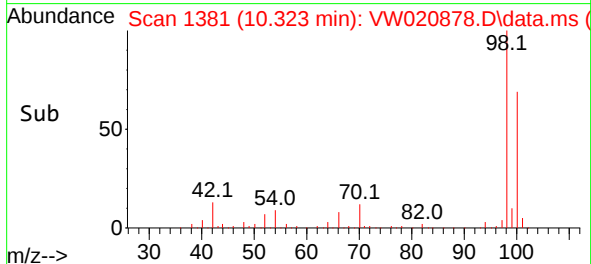
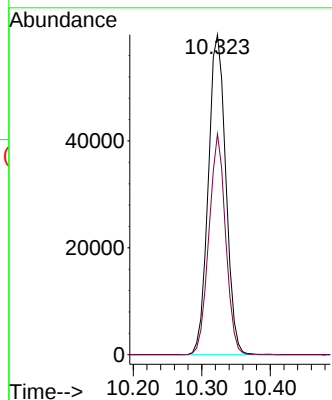
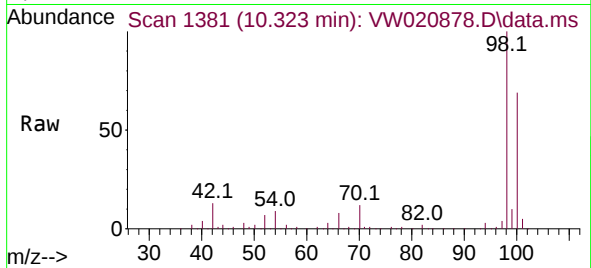




#50
Toluene-d8
Concen: 47.543 ug/l
RT: 10.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

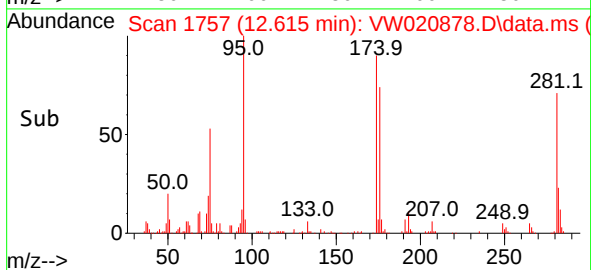
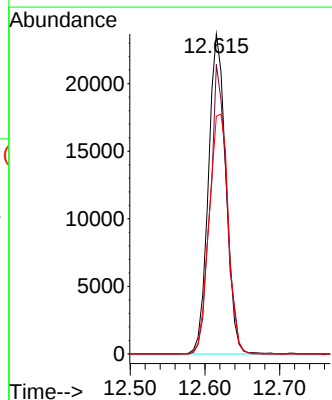
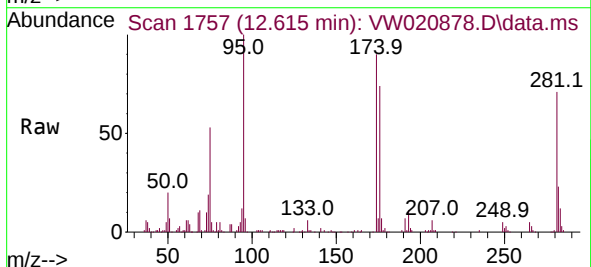
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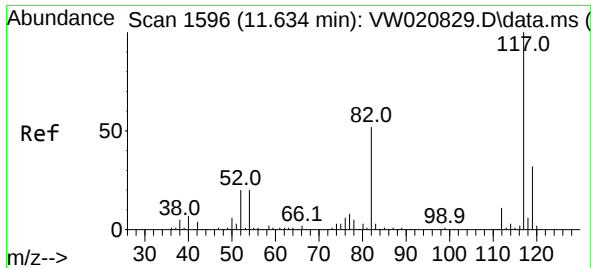
Tgt Ion: 98 Resp: 106485
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 47.714 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Tgt Ion: 95 Resp: 38556
Ion Ratio Lower Upper
95 100
174 84.8 0.0 166.4
176 82.3 0.0 159.8

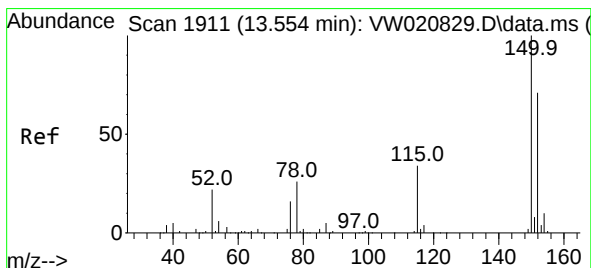
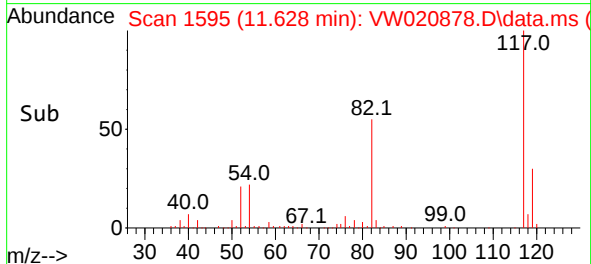
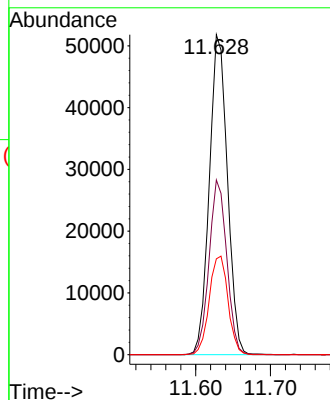
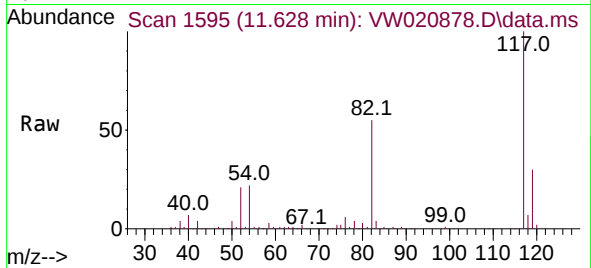




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

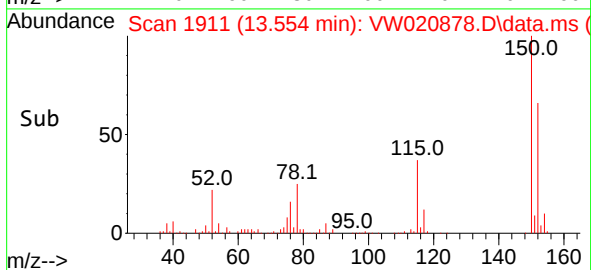
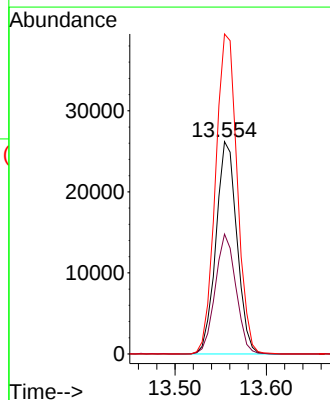
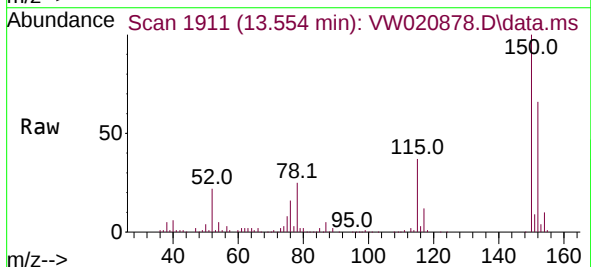
Instrument :
MSVOA_W
ClientSampleId :

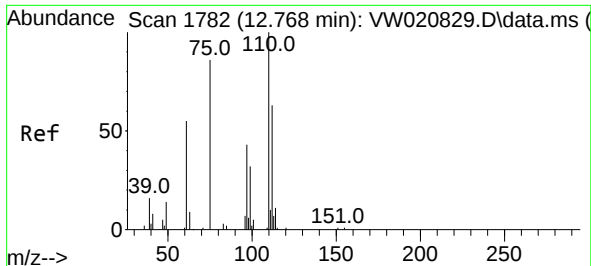
Tgt Ion:117 Resp: 87131
Ion Ratio Lower Upper
117 100
82 54.6 45.6 68.4
119 29.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Tgt Ion:152 Resp: 41700
Ion Ratio Lower Upper
152 100
115 55.9 29.6 88.9
150 155.9 0.0 352.6

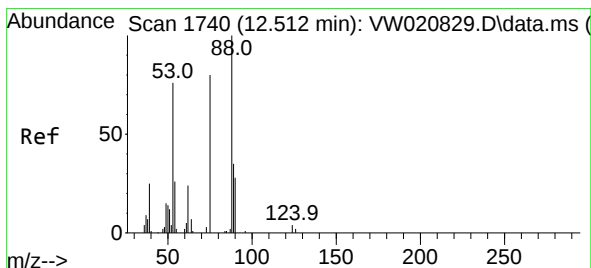
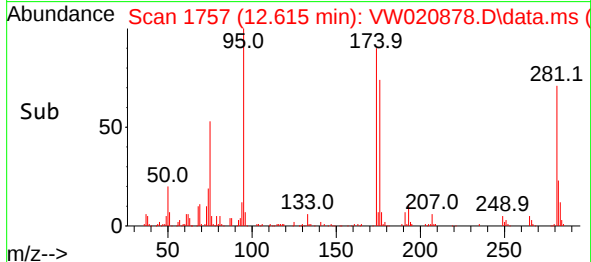
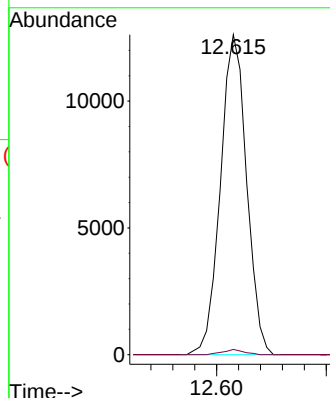
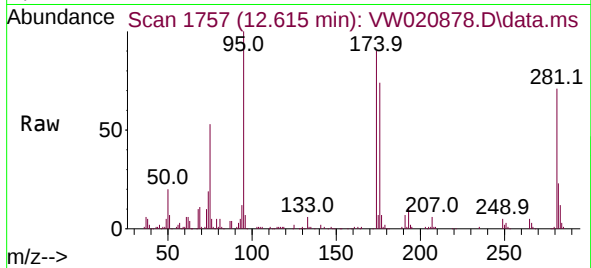




#76
1,2,3-Trichloropropane
Concen: 65.214 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 20909
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.368 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020878.D
Acq: 13 Nov 2021 01:13

Tgt Ion: 75 Resp: 20909
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.8 36.7 55.1#

