

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020862.D
 Acq On : 12 Nov 2021 18:46
 Operator : SY/VA
 Sample : M4595-02
 Misc : 5.32g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:11:09 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)

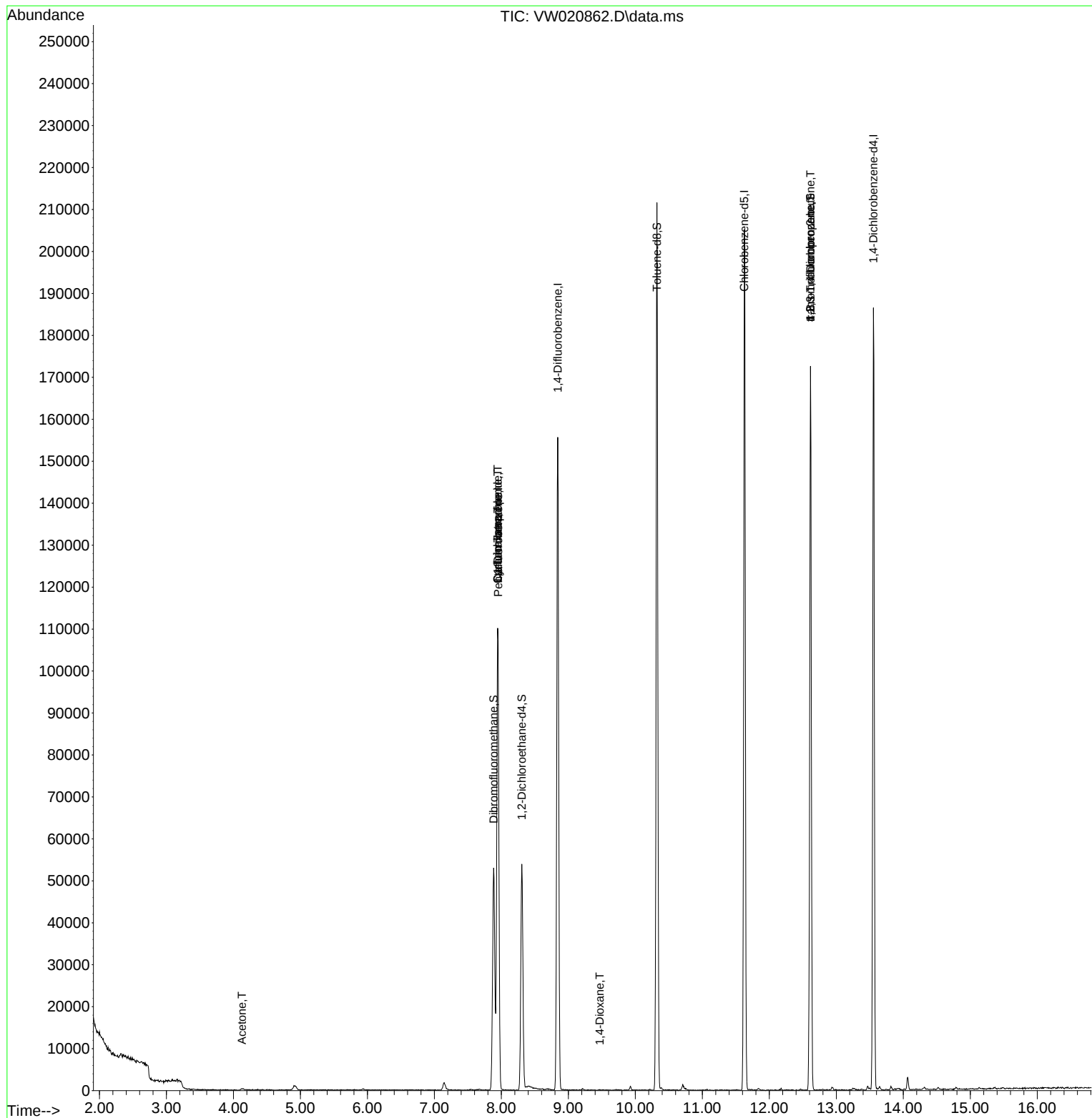
Internal Standards						
1) Pentafluorobenzene	7.951	168	86866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	133848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	117416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	49409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	42068	58.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.120%
35) Dibromofluoromethane	7.884	113	36941	49.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.323	98	135840	46.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.615	95	47112	44.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.200%
Target Compounds						
					Qvalue	
5) Bromomethane	2.769	94	312	Below Cal		95
16) Acetone	4.129	43	793	7.918 ug/l #		83
20) Methylene Chloride	4.915	84	983	Below Cal		95
31) Cyclohexane	7.945	56	1791	1.390 ug/l #		15
36) 1,1-Dichloropropene	7.945	75	6298	5.693 ug/l #		50
38) Carbon Tetrachloride	7.945	117	8008	6.910 ug/l #		17
49) 1,4-Dioxane	9.469	88	18	2.859 ug/l #		1
76) 1,2,3-Trichloropropane	12.615	75	24720	65.070 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.615	75	24720	128.086 ug/l #		8

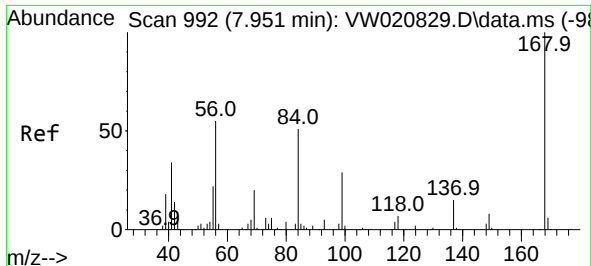
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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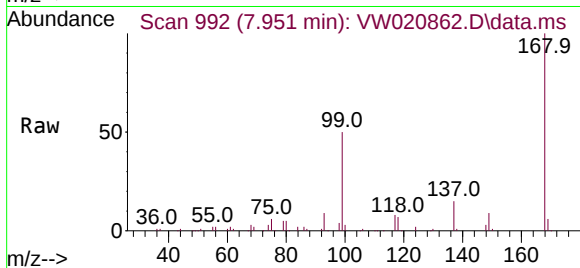
Quant Time: Nov 15 00:11:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
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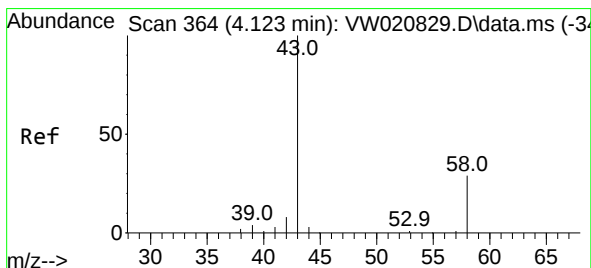
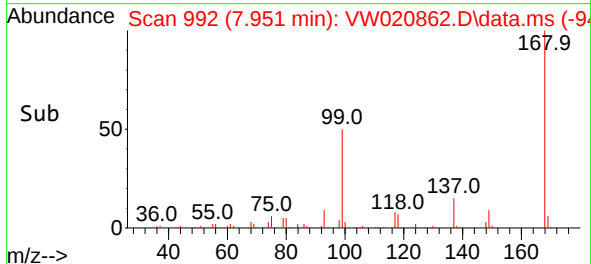
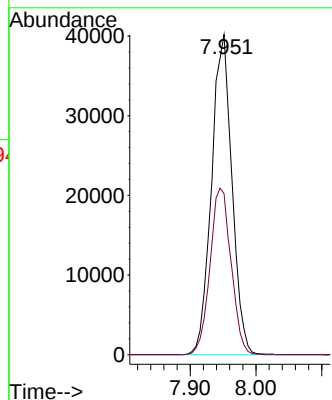


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :

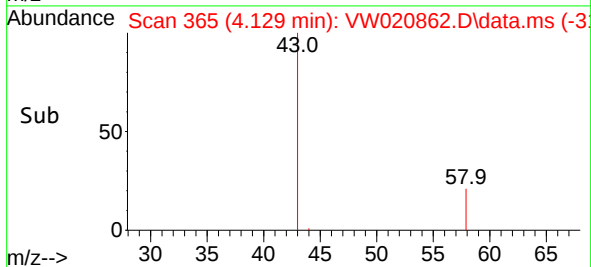
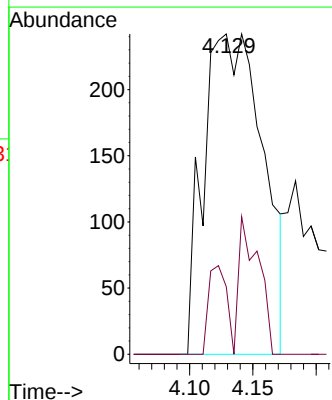
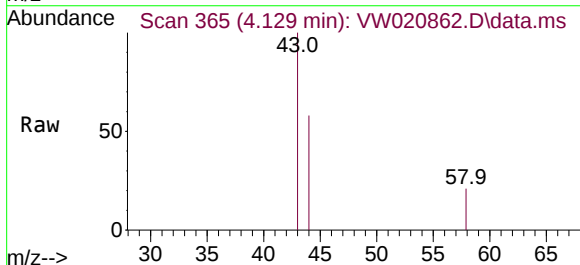


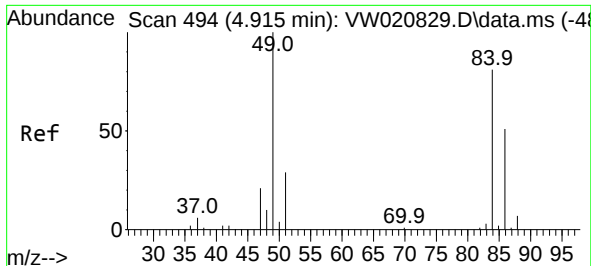
Tgt Ion:168 Resp: 86866
Ion Ratio Lower Upper
168 100
99 50.3 45.4 68.0



#16
Acetone
Concen: 7.918 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

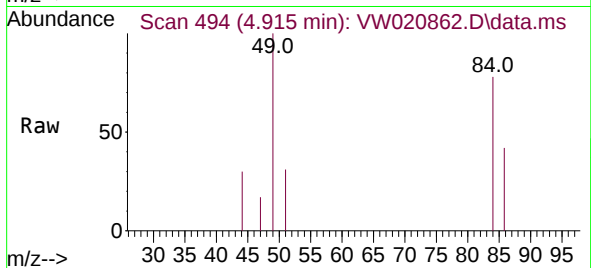
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 21.1 24.2 36.2#





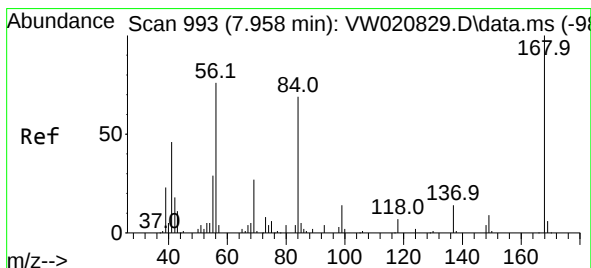
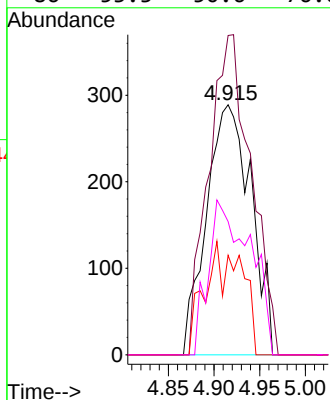
#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 983

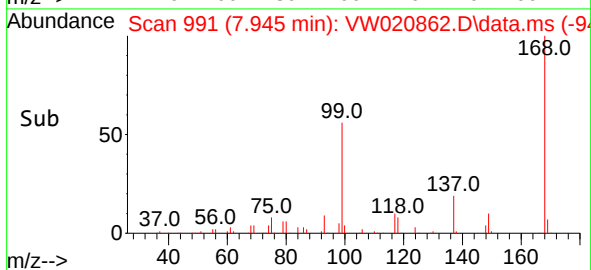
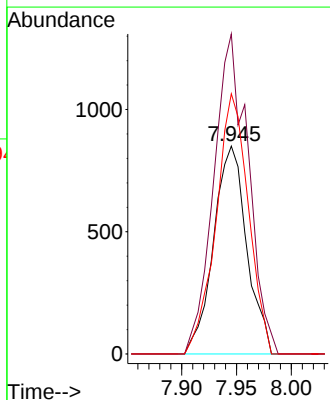
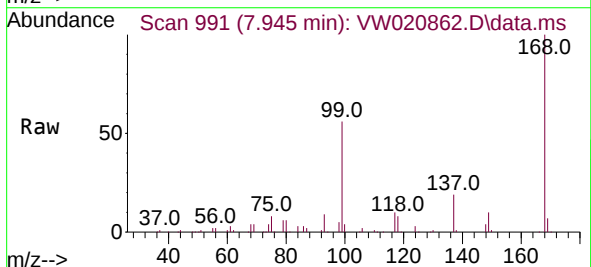
Ion	Ratio	Lower	Upper
84	100		
49	127.7	100.0	150.0
51	39.8	30.8	46.2
86	53.3	50.6	76.0

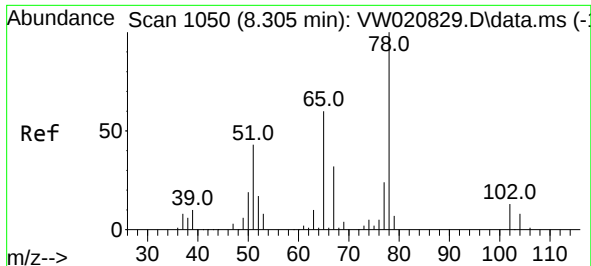


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion: 56 Resp: 1791

Ion	Ratio	Lower	Upper
56	100		
69	154.0	27.2	40.8#
84	125.2	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 58.562 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW020862.D

Acq: 12 Nov 2021 18:46

Instrument :

MSVOA_W

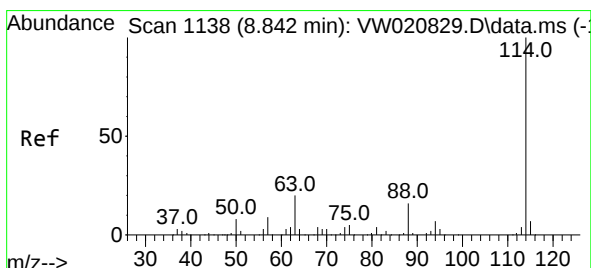
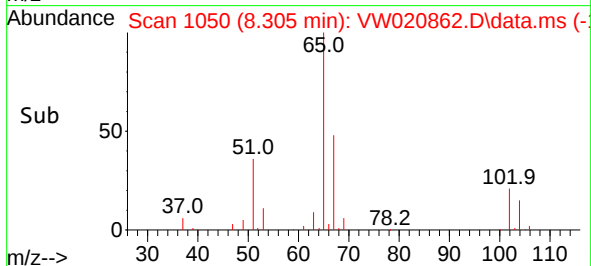
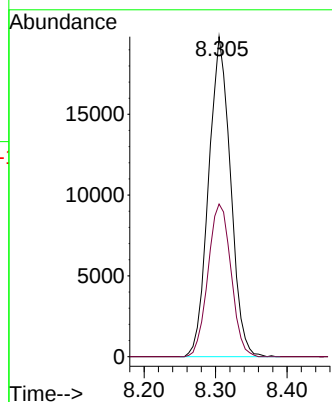
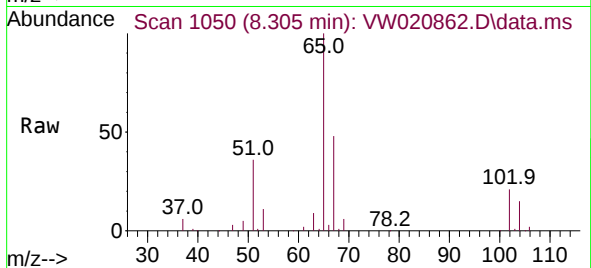
ClientSampleId :

Tgt Ion: 65 Resp: 42068

Ion Ratio Lower Upper

65 100

67 50.1 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: VW020862.D

Acq: 12 Nov 2021 18:46

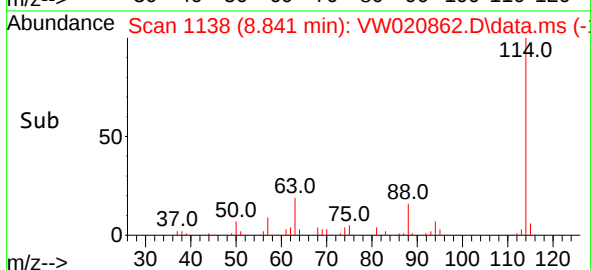
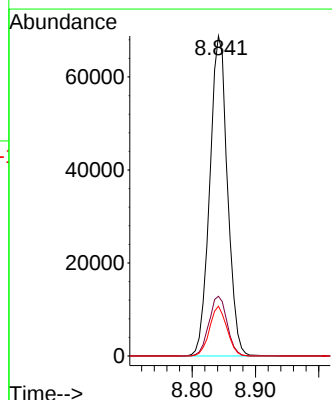
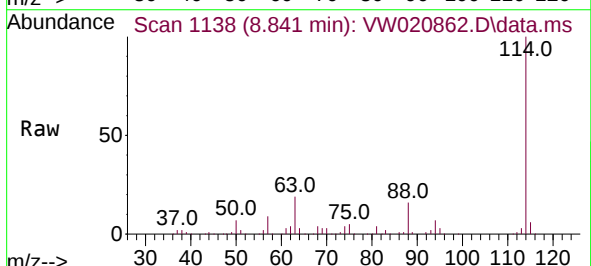
Tgt Ion: 114 Resp: 133848

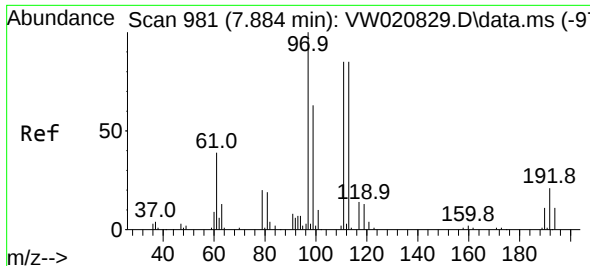
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.8

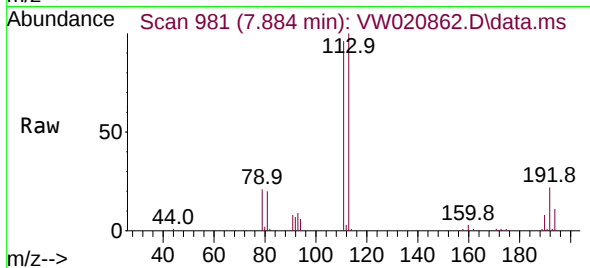
88 15.5 0.0 33.0



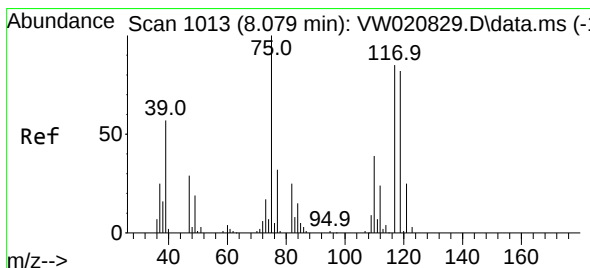
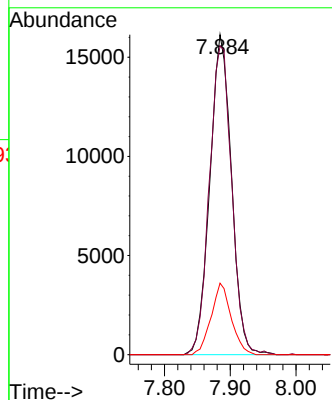
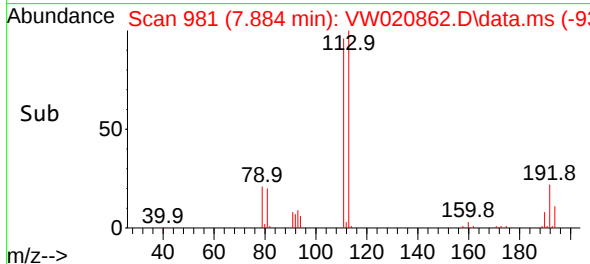


#35
Dibromofluoromethane
Concen: 49.367 ug/l
RT: 7.884 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :

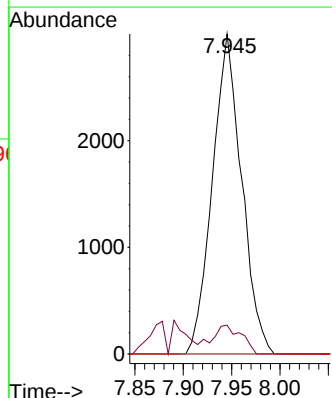
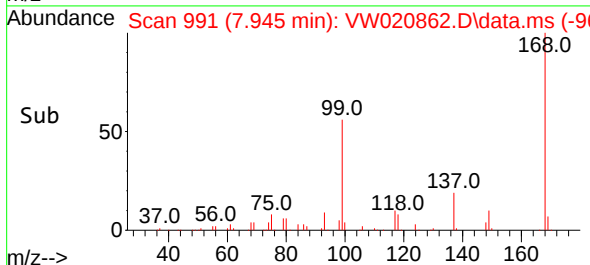
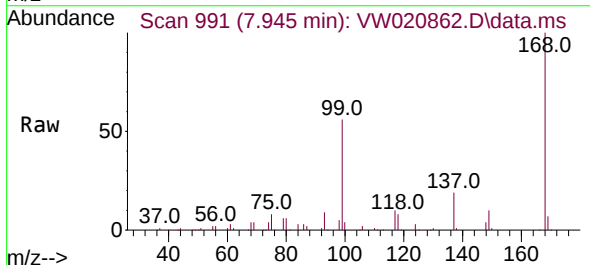


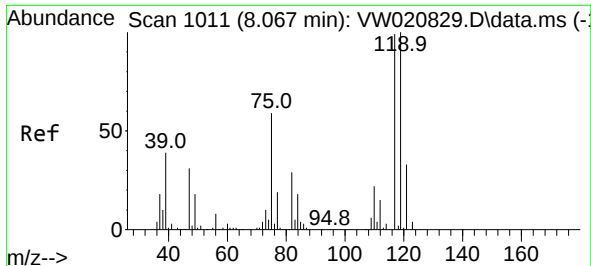
Tgt Ion:113 Resp: 36941
Ion Ratio Lower Upper
113 100
111 99.7 82.1 123.1
192 20.8 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.693 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion: 75 Resp: 6298
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.3#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.910 ug/l

RT: 7.945 min Scan# 91

Delta R.T. -0.122 min

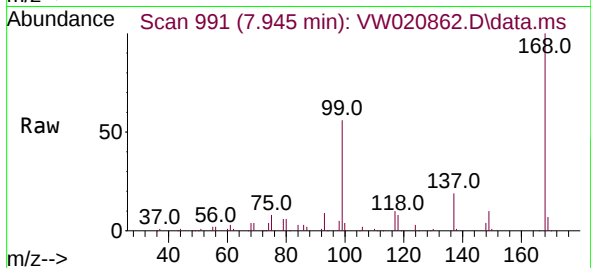
Lab File: VW020862.D

Acq: 12 Nov 2021 18:46

Instrument :

MSVOA_W

ClientSampleId :



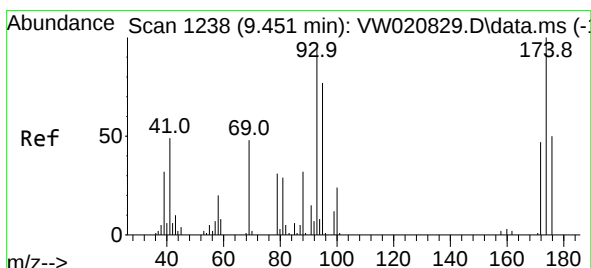
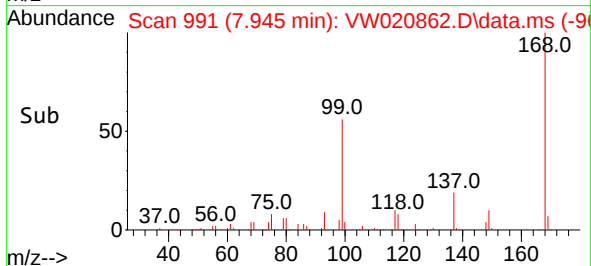
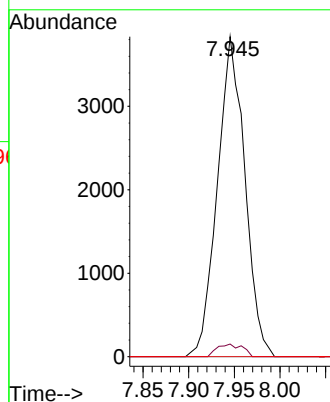
Tgt Ion:117 Resp: 8008

Ion Ratio Lower Upper

117 100

119 4.0 72.9 109.3#

121 0.0 23.4 35.0#



#49

1,4-Dioxane

Concen: 2.859 ug/l

RT: 9.469 min Scan# 1241

Delta R.T. 0.018 min

Lab File: VW020862.D

Acq: 12 Nov 2021 18:46

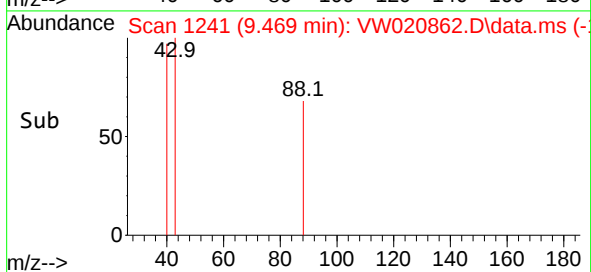
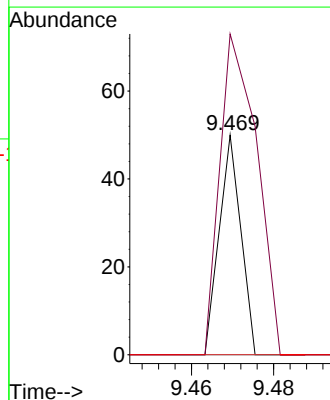
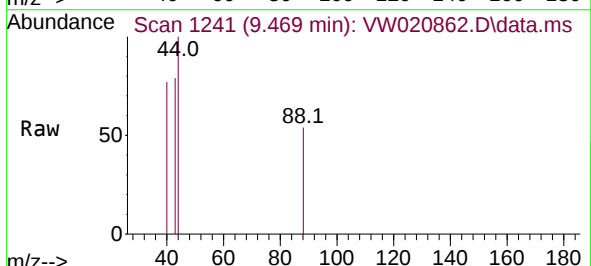
Tgt Ion: 88 Resp: 18

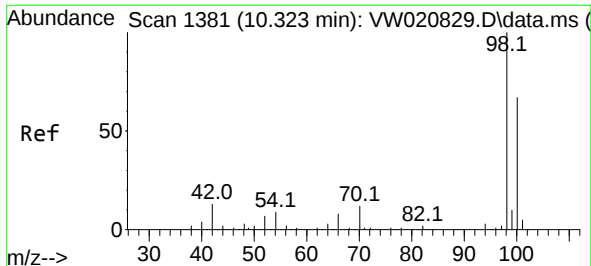
Ion Ratio Lower Upper

88 100

43 255.6 28.8 43.2#

58 0.0 59.6 89.4#

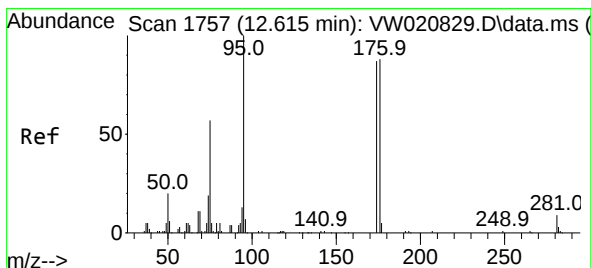
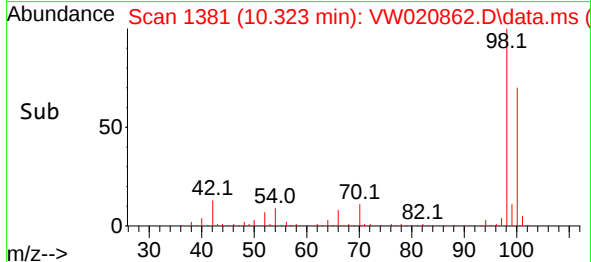
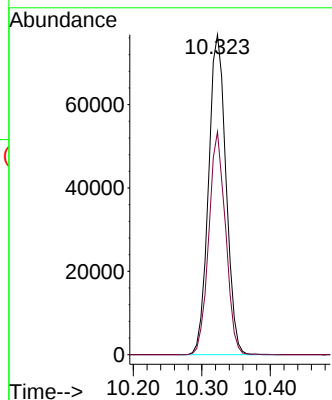
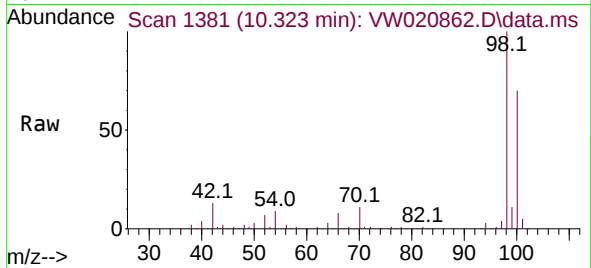




#50
Toluene-d8
Concen: 46.399 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

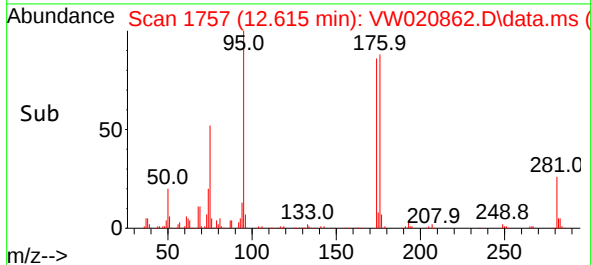
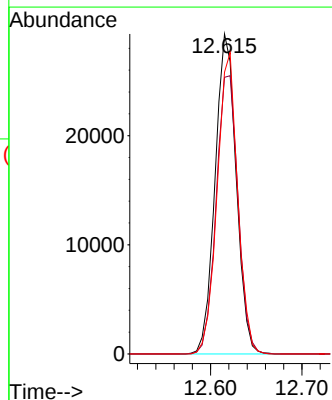
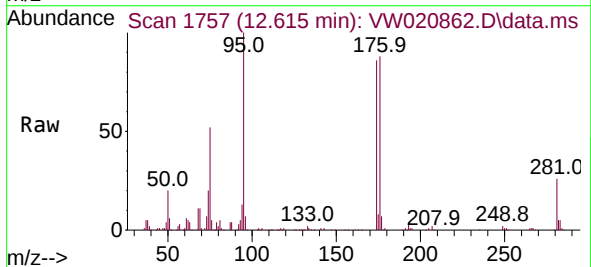
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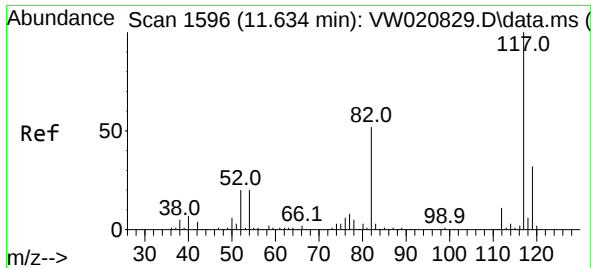
Tgt Ion: 98 Resp: 135840
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 44.603 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

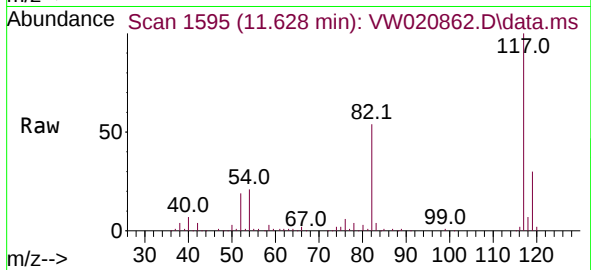
Tgt Ion: 95 Resp: 47112
Ion Ratio Lower Upper
95 100
174 90.1 0.0 166.4
176 91.1 0.0 159.8



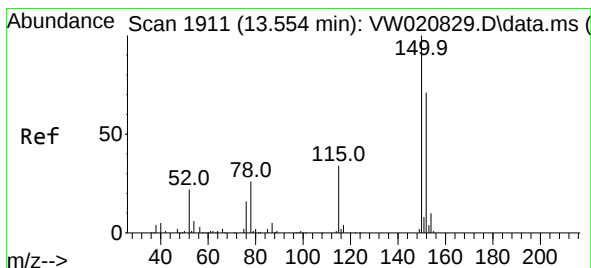
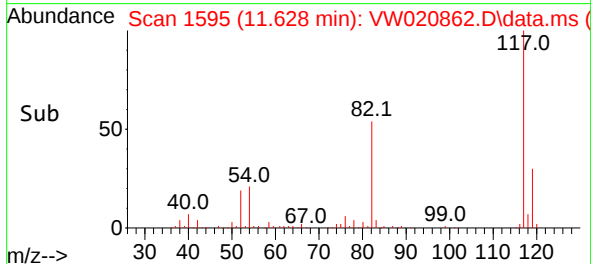
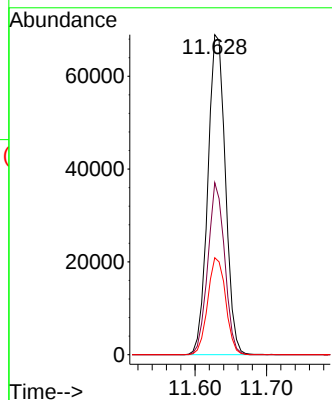


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 117416
Delta R.T. -0.006 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :

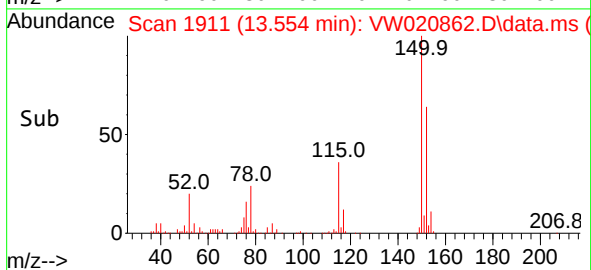
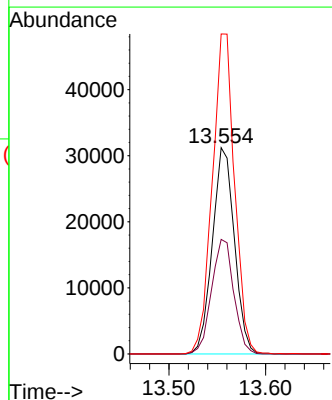
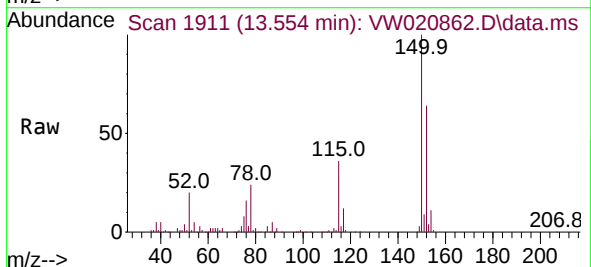


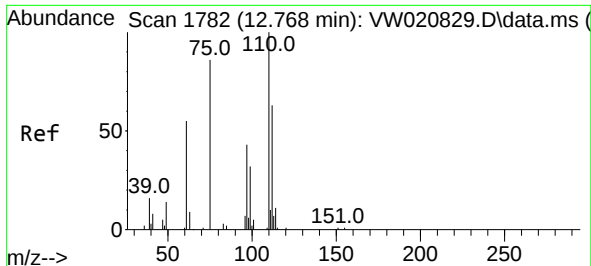
Tgt Ion:117 Resp: 117416
Ion Ratio Lower Upper
117 100
82 53.8 45.6 68.4
119 30.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion:152 Resp: 49409
Ion Ratio Lower Upper
152 100
115 56.0 29.6 88.9
150 156.7 0.0 352.6

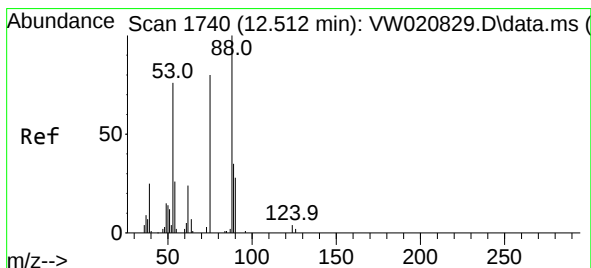
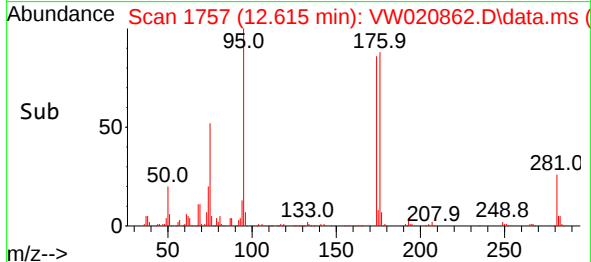
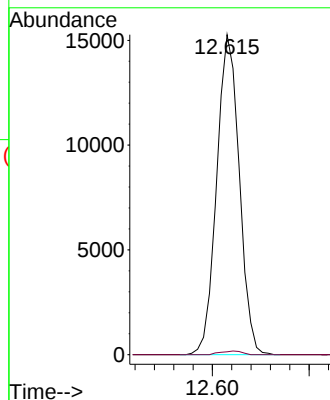
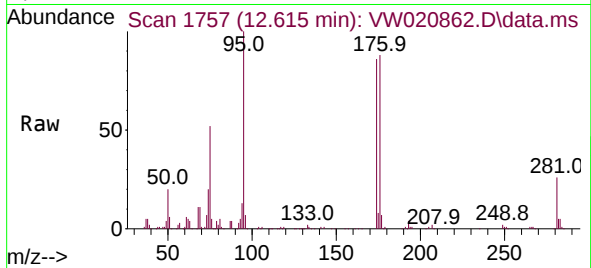




#76
1,2,3-Trichloropropane
Concen: 65.070 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 24720
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.086 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020862.D
Acq: 12 Nov 2021 18:46

Tgt Ion: 75 Resp: 24720
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#

