

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071085.D
 Acq On : 30 Nov 2021 14:12
 Operator : VA/SY
 Sample : M4858-01
 Misc : 4.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(5.0)

Quant Time: Dec 01 03:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

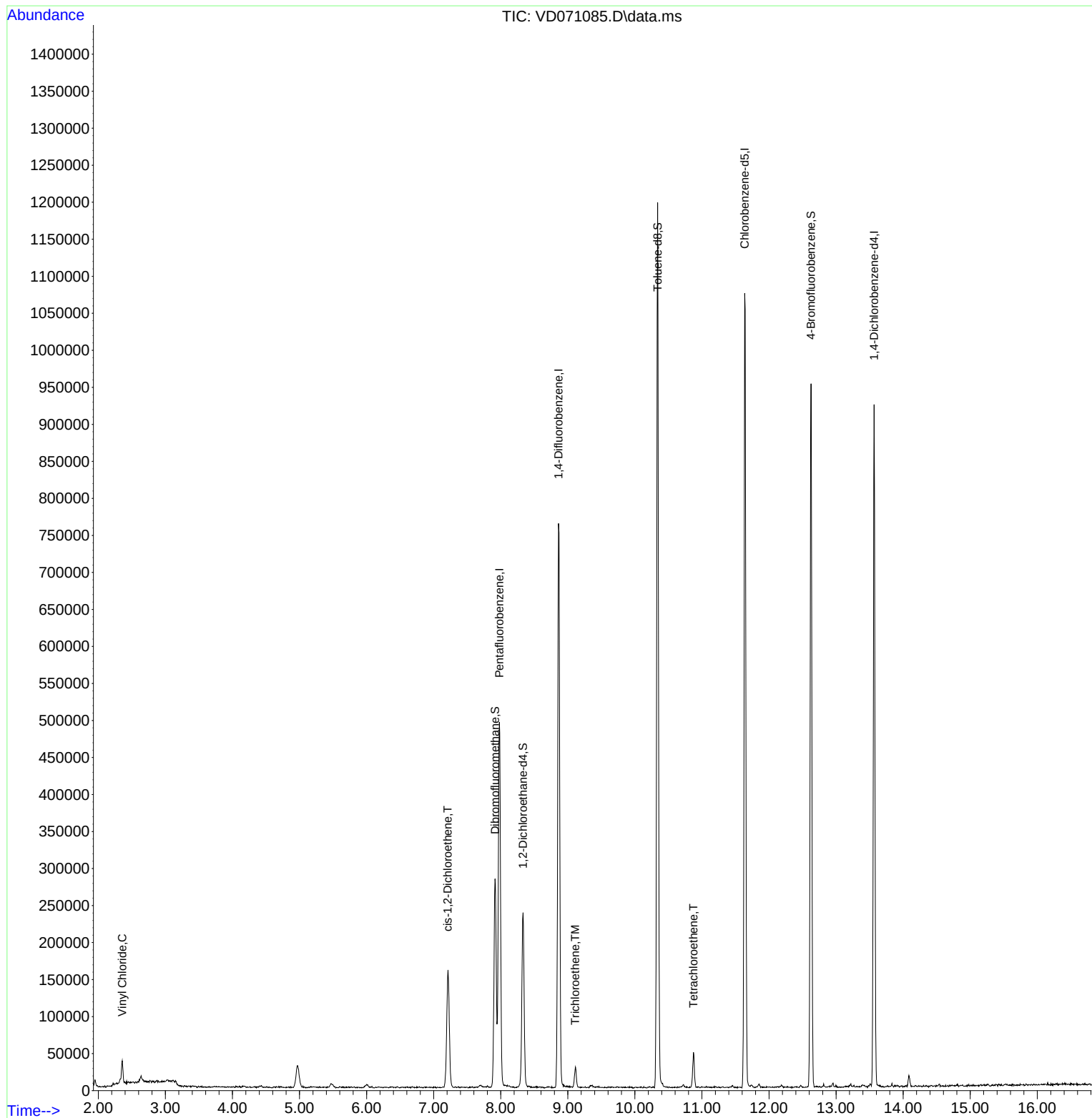
Internal Standards						
1) Pentafluorobenzene	7.979	168	357426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	636750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	587353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189557	45.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.400%
35) Dibromofluoromethane	7.914	113	202384	49.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.338	98	772263	50.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.626	95	266631	49.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.356	62	24441	5.433	ug/l	92
27) cis-1,2-Dichloroethene	7.209	96	91003	21.536	ug/l	94
44) Trichloroethene	9.108	130	9418	2.185	ug/l	83
64) Tetrachloroethene	10.873	164	9530	2.556	ug/l #	83

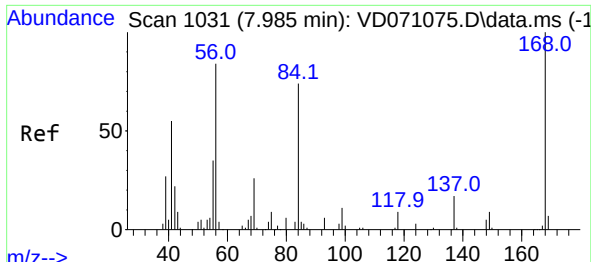
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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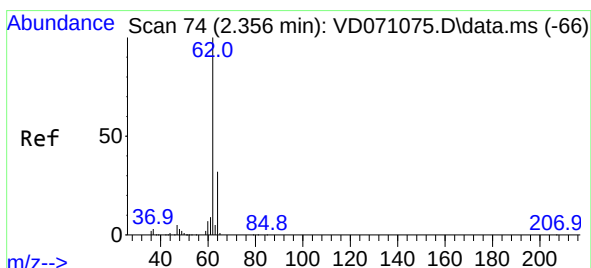
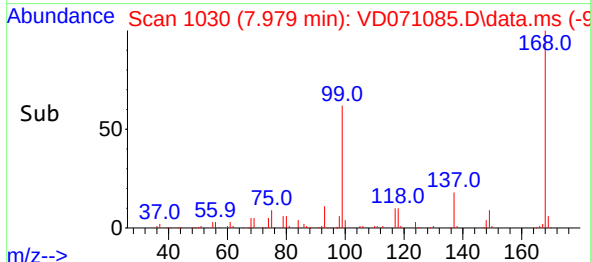
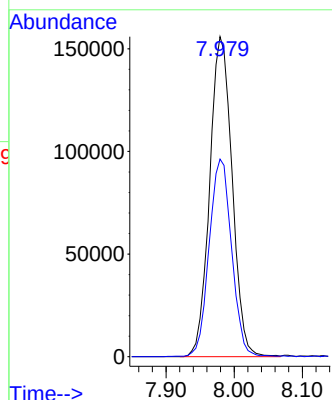
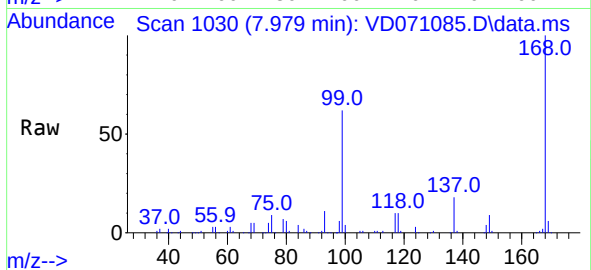




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

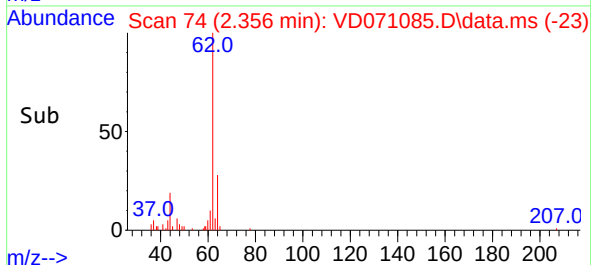
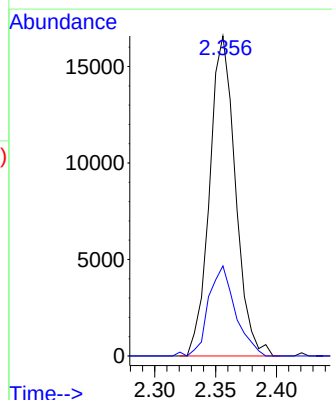
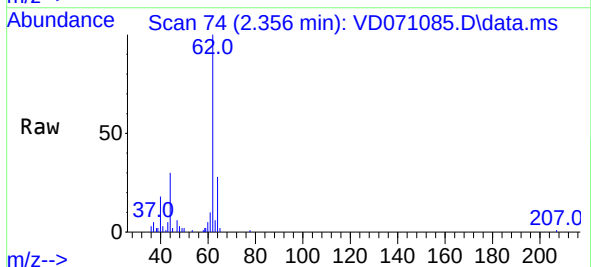
Instrument :
MSVOA_D
ClientSampleId :
B-1(5.0)

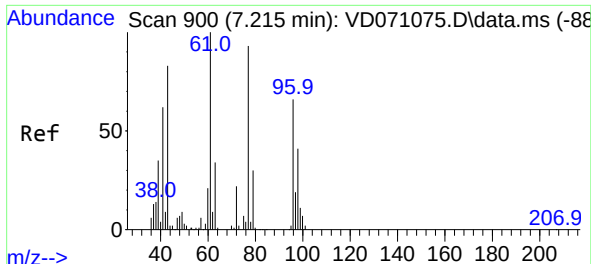
Tgt Ion:168 Resp: 357426
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#4
Vinyl Chloride
Concen: 5.433 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

Tgt Ion: 62 Resp: 24441
Ion Ratio Lower Upper
62 100
64 28.2 26.0 39.0



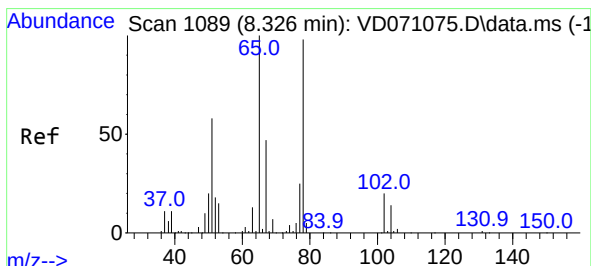
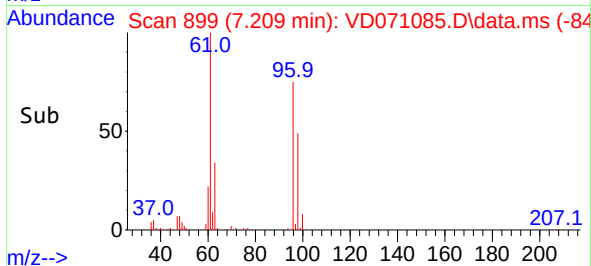
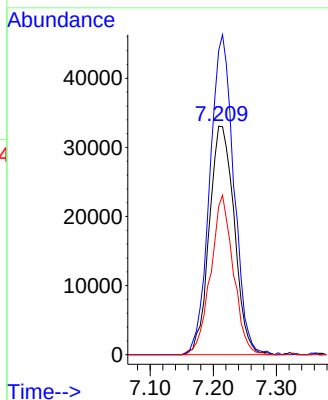
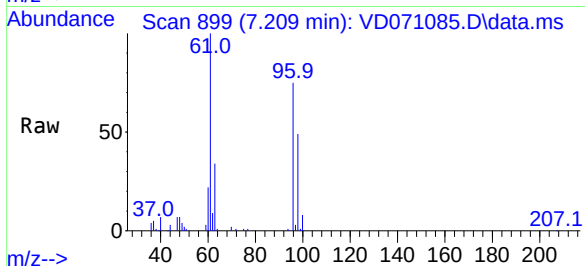


#27
 cis-1,2-Dichloroethene
 Concen: 21.536 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD071085.D
 Acq: 30 Nov 2021 14:12

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(5.0)

Tgt Ion: 96 Resp: 91003

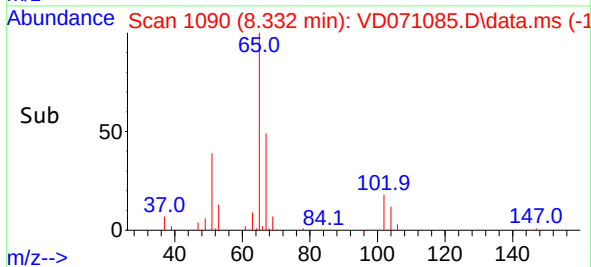
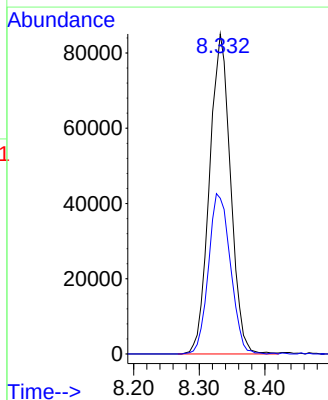
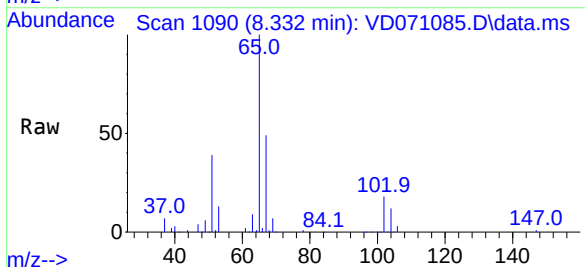
Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	288.6
98	63.0	0.0	129.2

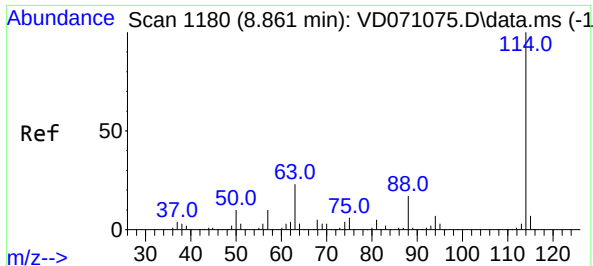


#33
 1,2-Dichloroethane-d4
 Concen: 45.197 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: VD071085.D
 Acq: 30 Nov 2021 14:12

Tgt Ion: 65 Resp: 189557

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071085.D

Acq: 30 Nov 2021 14:12

Instrument :

MSVOA_D

ClientSampleId :

B-1(5.0)

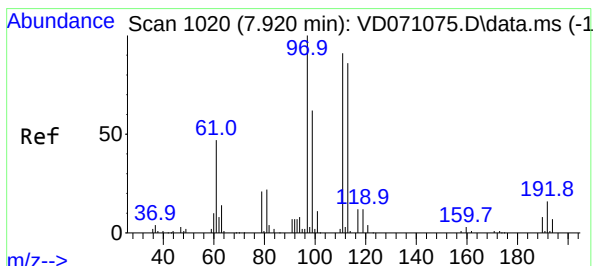
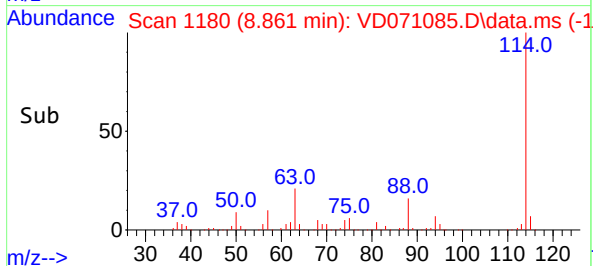
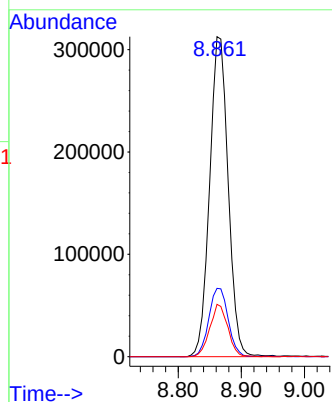
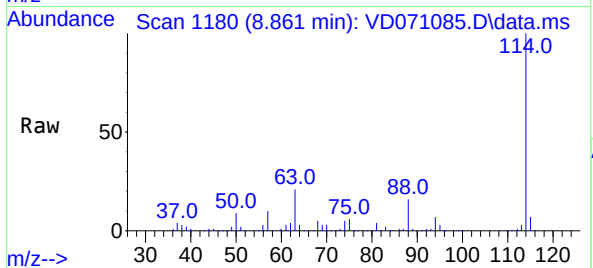
Tgt Ion:114 Resp: 636750

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.913 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071085.D

Acq: 30 Nov 2021 14:12

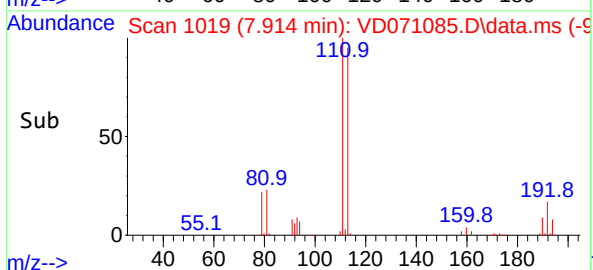
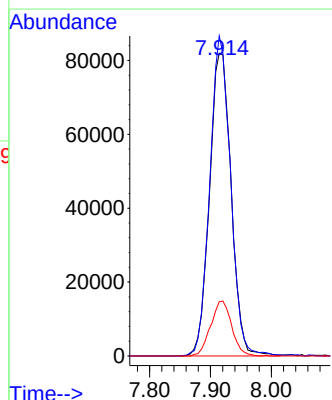
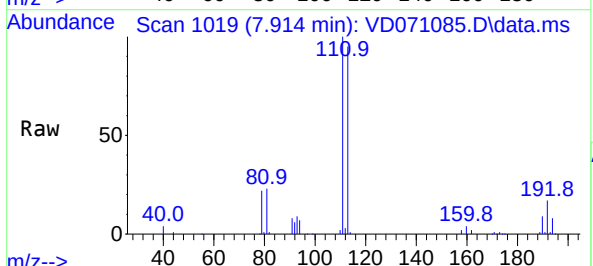
Tgt Ion:113 Resp: 202384

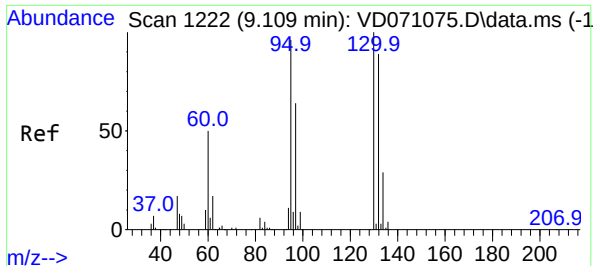
Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 17.6 15.2 22.8

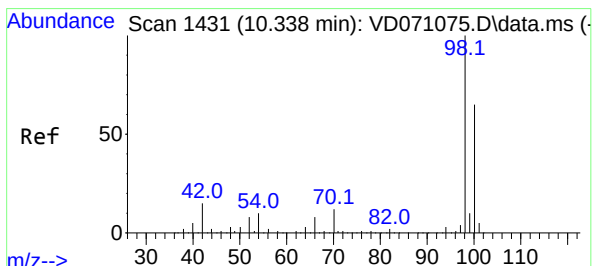
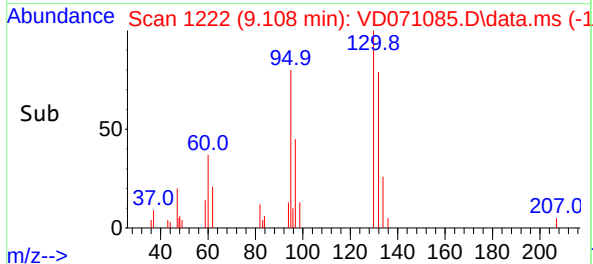
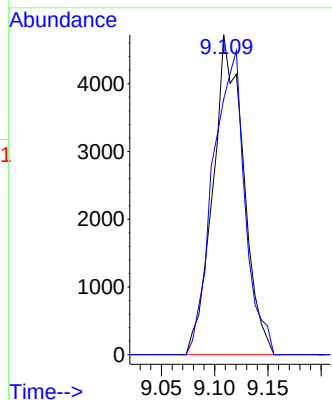
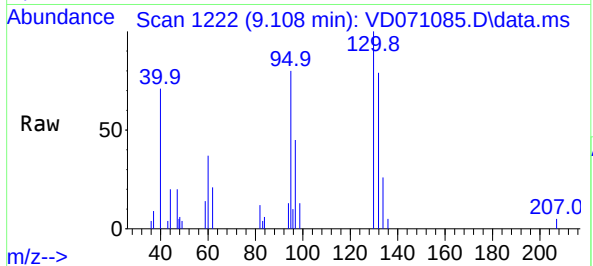




#44
Trichloroethene
Concen: 2.185 ug/l
RT: 9.108 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

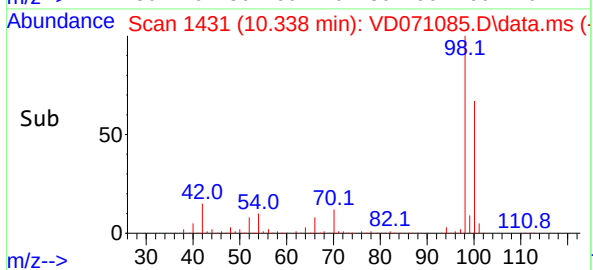
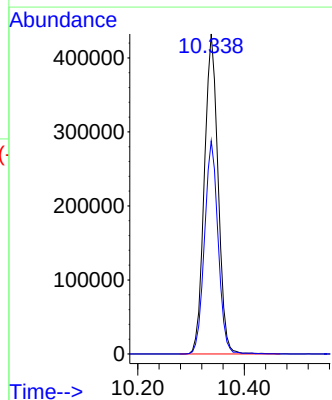
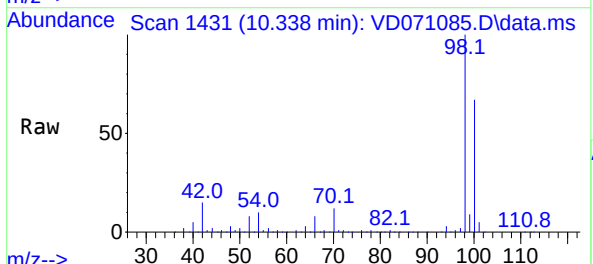
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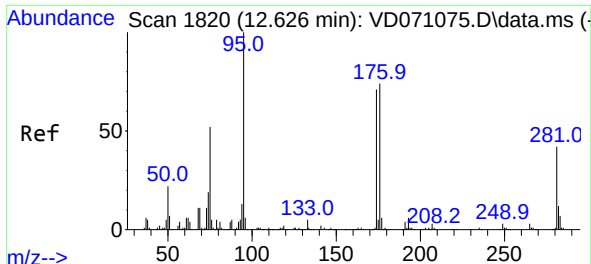
Tgt Ion:130 Resp: 9418
Ion Ratio Lower Upper
130 100
95 79.8 0.0 193.2



#50
Toluene-d8
Concen: 50.048 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

Tgt Ion: 98 Resp: 772263
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6

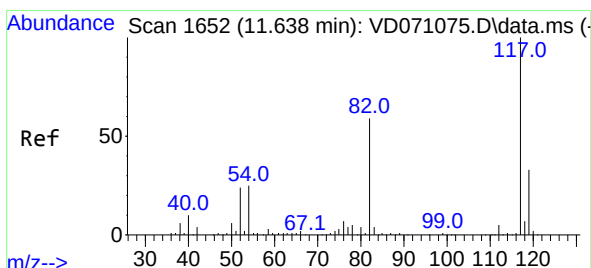
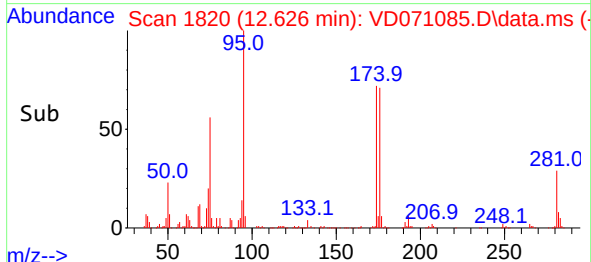
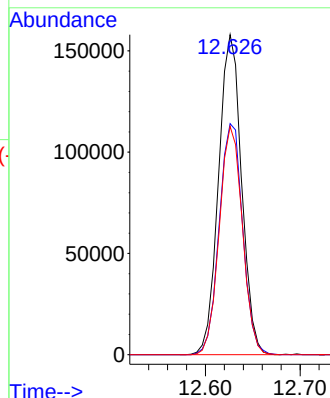
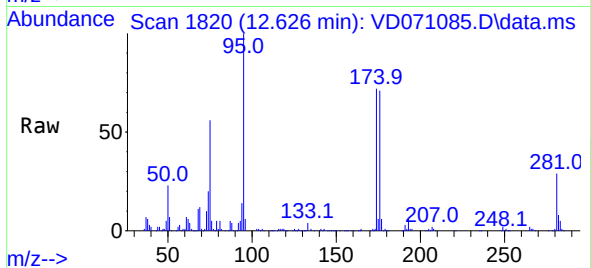




#62
4-Bromofluorobenzene
Concen: 49.849 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

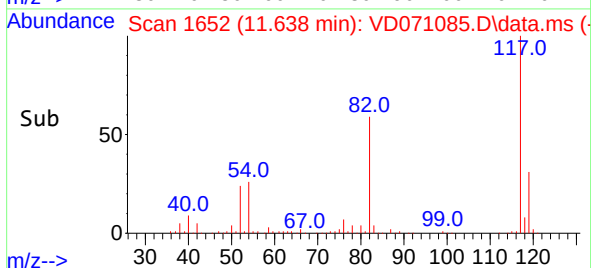
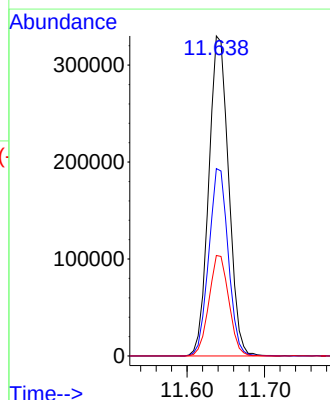
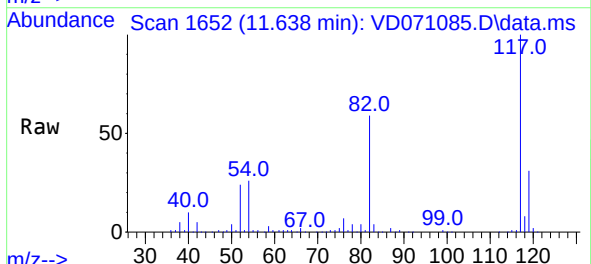
Instrument :
MSVOA_D
ClientSampleId :
B-1(5.0)

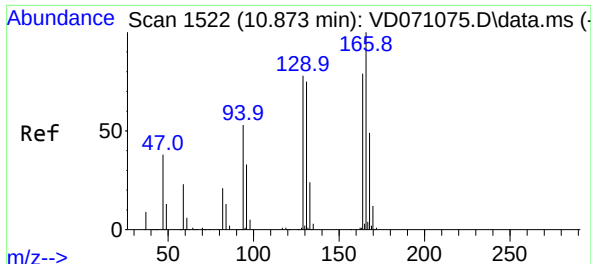
Tgt Ion: 95 Resp: 266631
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 71.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

Tgt Ion: 117 Resp: 587353
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 31.4 26.2 39.4

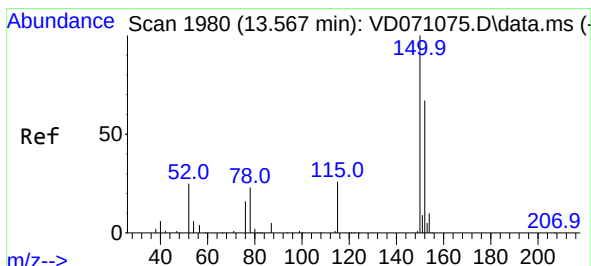
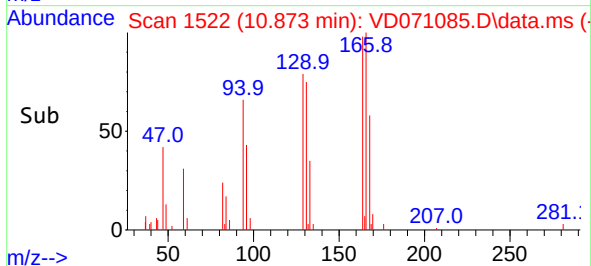
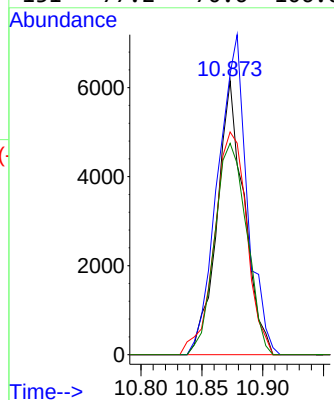
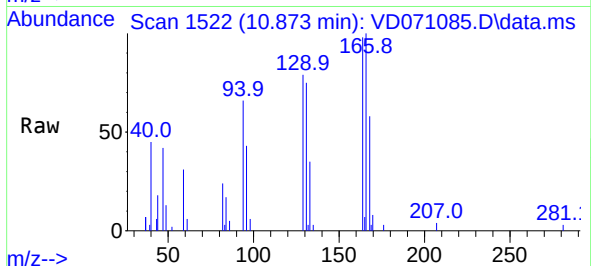




#64
Tetrachloroethene
Concen: 2.556 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :
B-1(5.0)

Tgt Ion:164	Resp:	9530
Ion	Ratio	Lower Upper
164	100	
166	102.5	102.6 153.8#
129	81.3	75.4 113.0
131	77.2	70.6 106.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071085.D
Acq: 30 Nov 2021 14:12

Tgt Ion:152	Resp:	226193
Ion	Ratio	Lower Upper
152	100	
115	61.1	29.8 89.3
150	156.4	0.0 349.2

