

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074310.D
 Acq On : 15 Sep 2022 16:05
 Operator : VA/SY
 Sample : N4573-02RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998RE

Quant Time: Sep 16 05:54:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

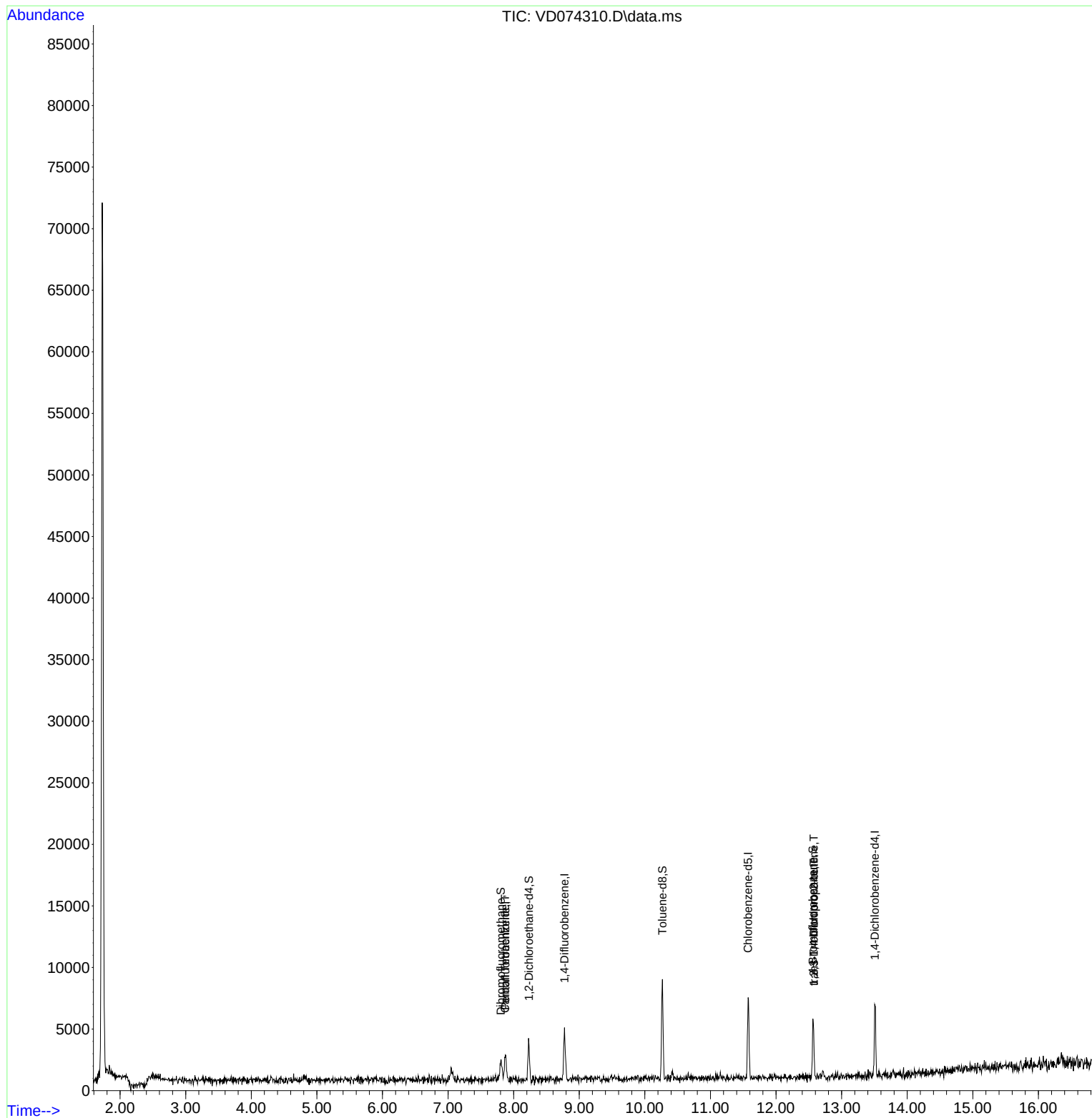
Internal Standards						
1) Pentafluorobenzene	7.875	168	2516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	2198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2136	83.272	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.540%#	
35) Dibromofluoromethane	7.804	113	1714	56.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.740%	
50) Toluene-d8	10.269	98	5513	49.538	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	12.563	95	1864	47.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.260%	
Target Compounds						Qvalue
38) Carbon Tetrachloride	7.869	117	67	1.507	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	1159	51.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1159	126.819	ug/l #	100

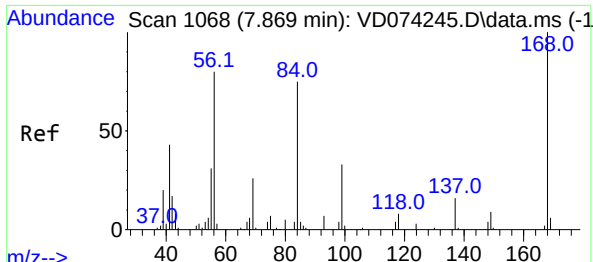
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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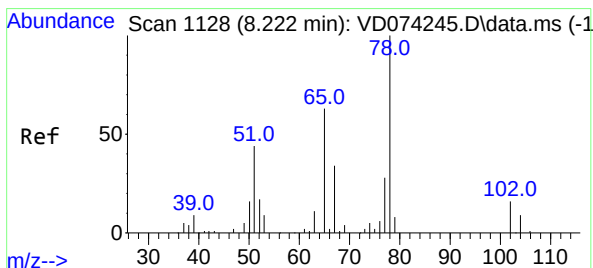
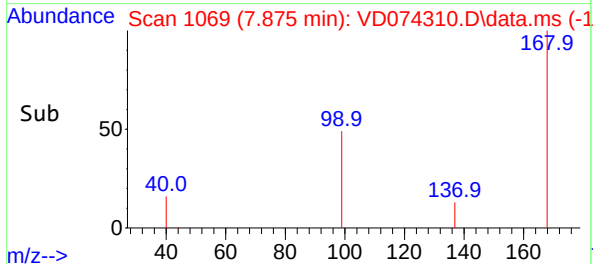
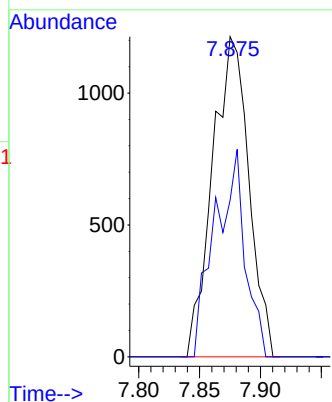
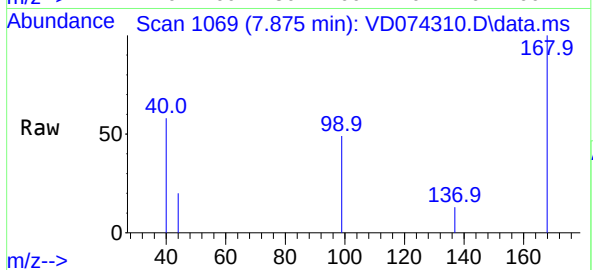




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

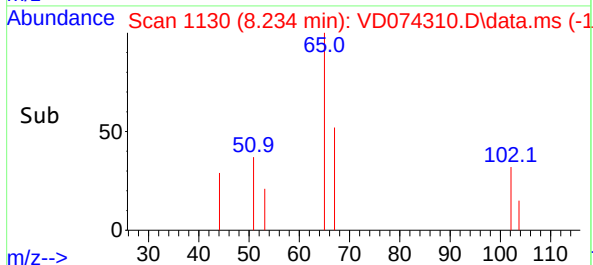
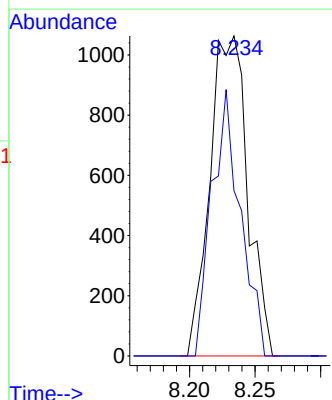
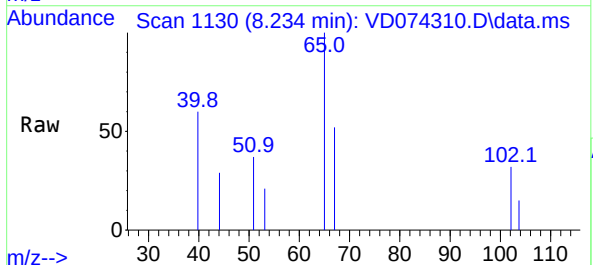
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

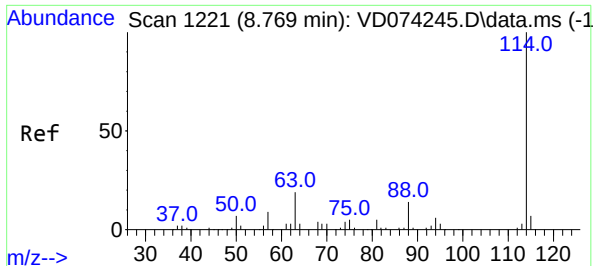
Tgt Ion:168 Resp: 2516
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 83.272 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

Tgt Ion: 65 Resp: 2136
Ion Ratio Lower Upper
65 100
67 62.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074310.D

Acq: 15 Sep 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

72-11998RE

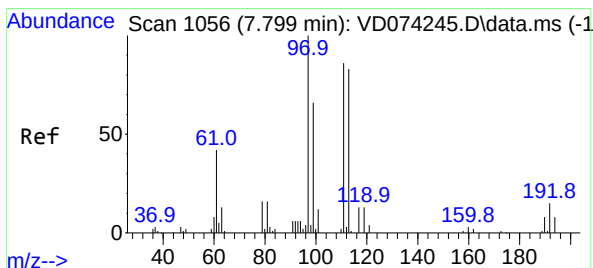
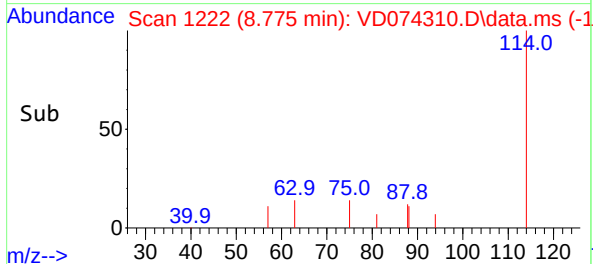
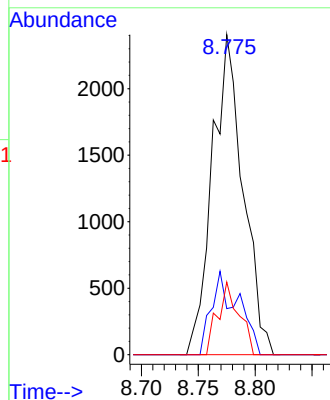
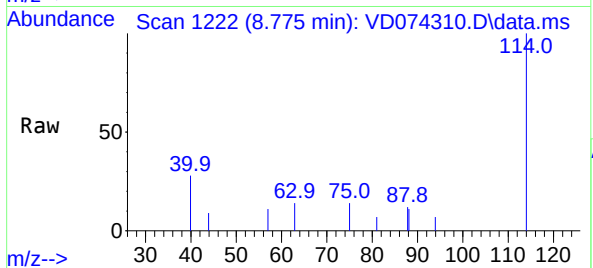
Tgt Ion:114 Resp: 4540

Ion Ratio Lower Upper

114 100

63 14.4 0.0 37.6

88 22.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 56.868 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074310.D

Acq: 15 Sep 2022 16:05

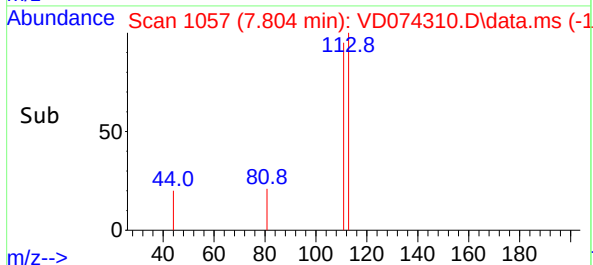
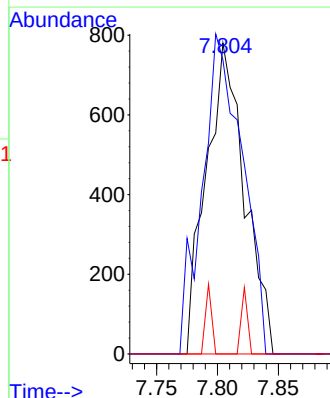
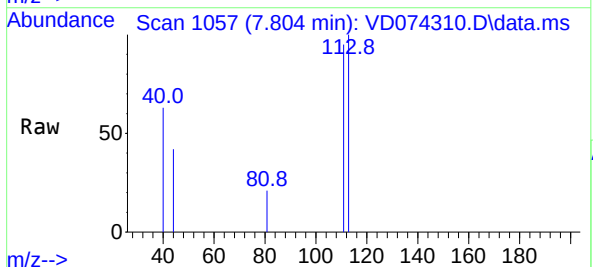
Tgt Ion:113 Resp: 1714

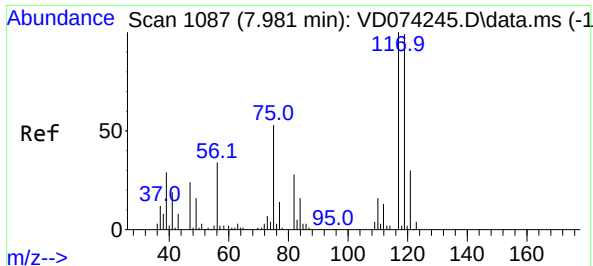
Ion Ratio Lower Upper

113 100

111 107.5 83.0 124.6

192 3.6 16.2 24.2#

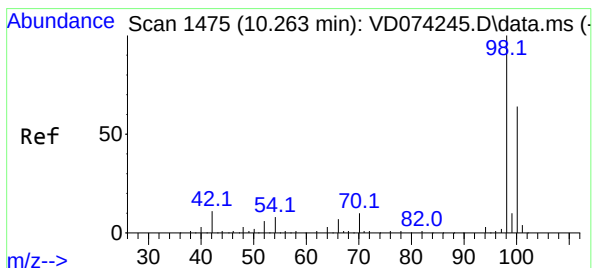
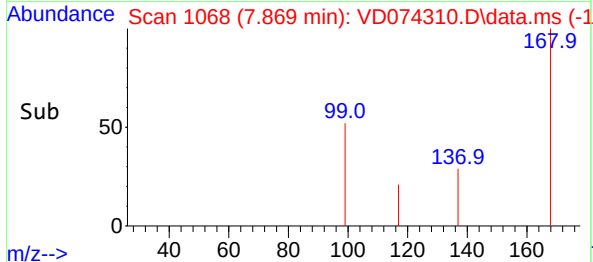
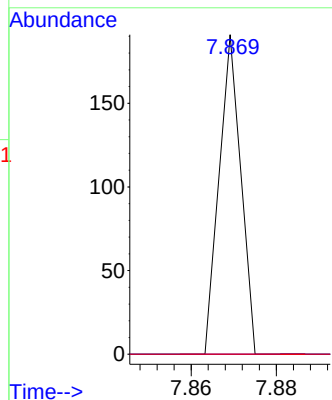
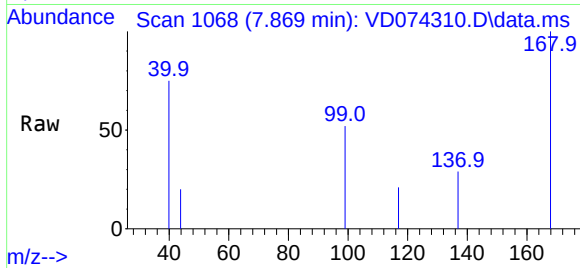




#38
Carbon Tetrachloride
Concen: 1.507 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

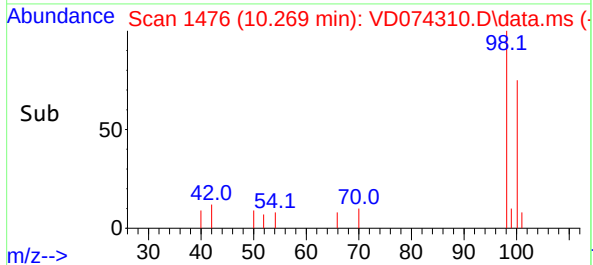
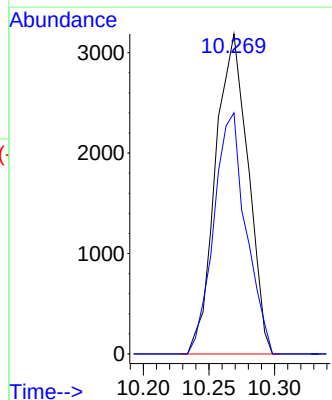
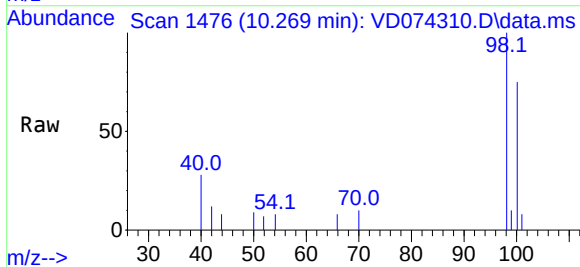
Instrument :
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ClientSampleId :
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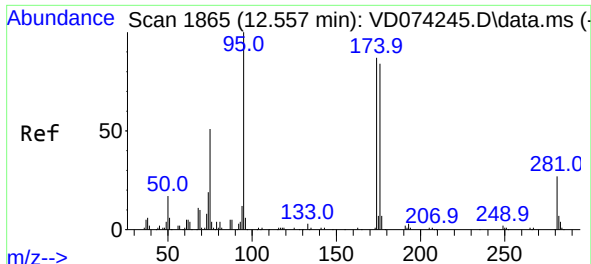
Tgt Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.538 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

Tgt Ion: 98 Resp: 5513
Ion Ratio Lower Upper
98 100
100 74.2 51.8 77.8

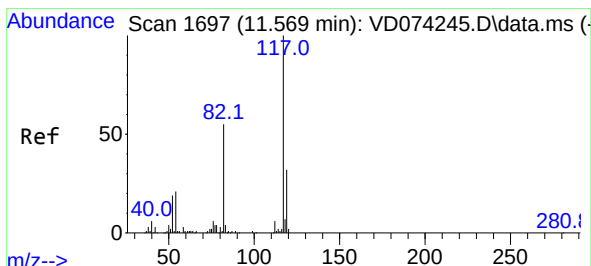
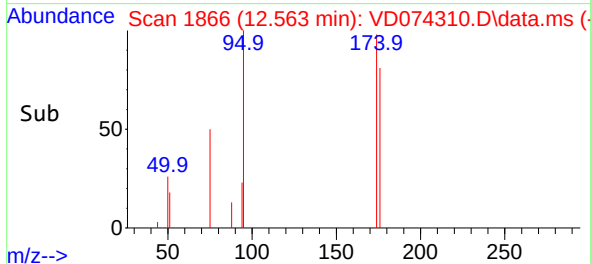
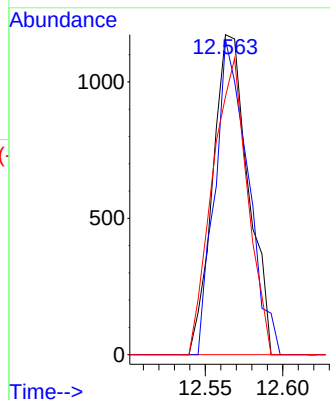
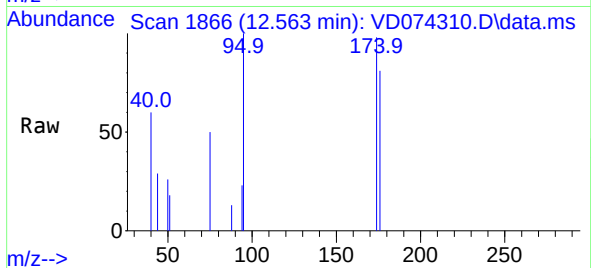




#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

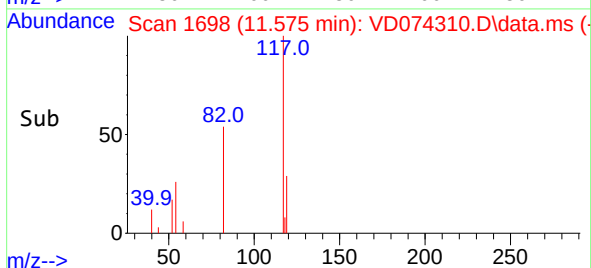
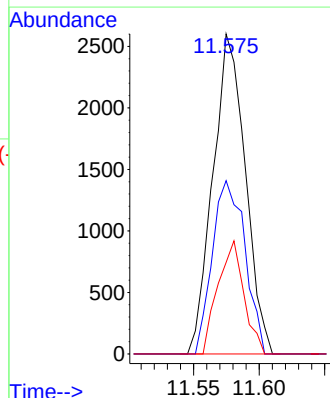
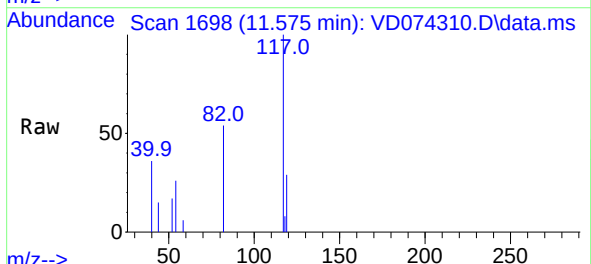
Instrument :
MSVOA_Y
ClientSampleId :
72-11998RE

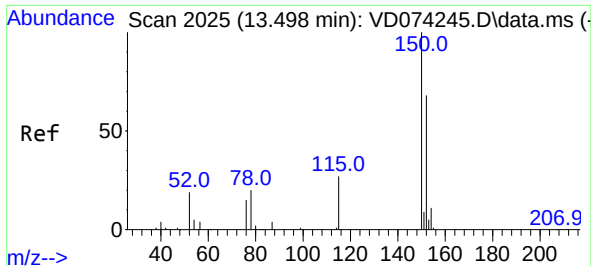
Tgt Ion: 95 Resp: 1864
Ion Ratio Lower Upper
95 100
174 91.3 0.0 179.2
176 91.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074310.D
Acq: 15 Sep 2022 16:05

Tgt Ion: 117 Resp: 4470
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 28.6 25.4 38.0

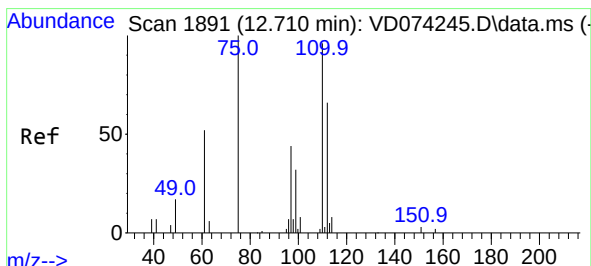
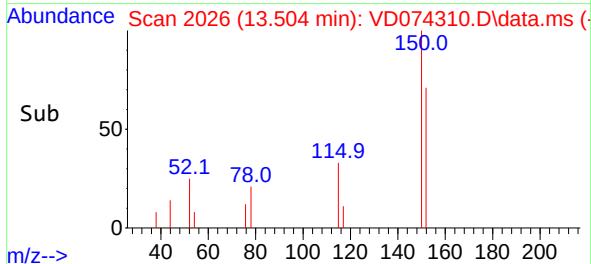
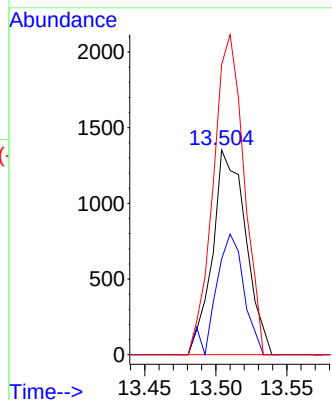
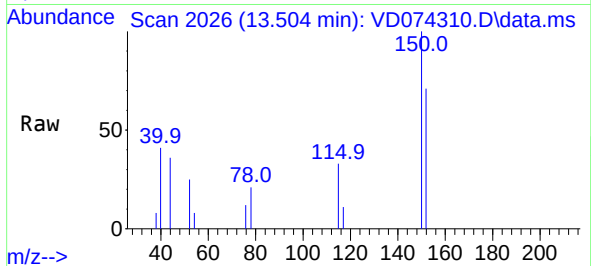




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074310.D
 Acq: 15 Sep 2022 16:05

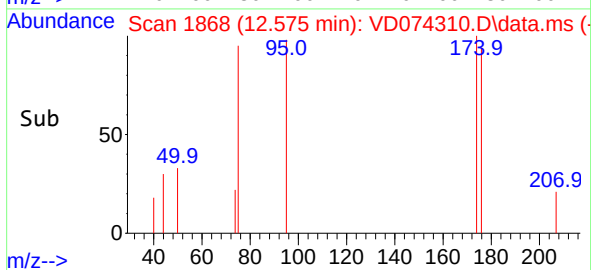
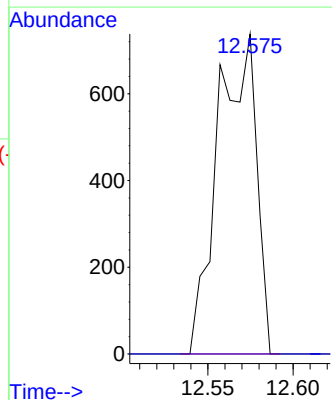
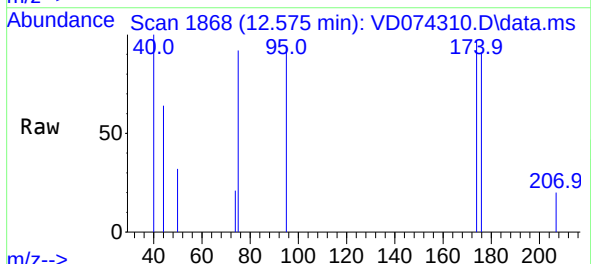
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998RE

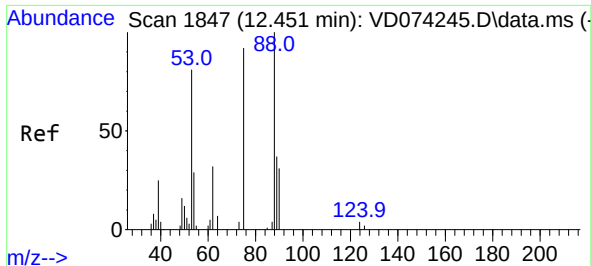
Tgt Ion:152 Resp: 2198
 Ion Ratio Lower Upper
 152 100
 115 49.7 28.4 85.2
 150 145.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 51.436 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.135 min
 Lab File: VD074310.D
 Acq: 15 Sep 2022 16:05

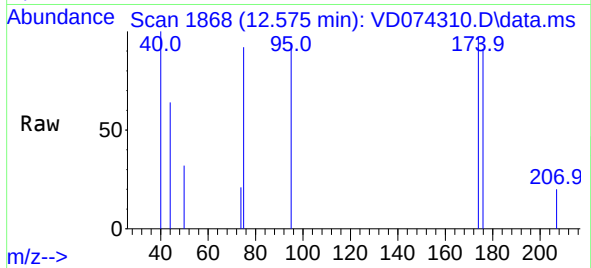
Tgt Ion: 75 Resp: 1159
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.819 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VD074310.D
 Acq: 15 Sep 2022 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998RE



Tgt Ion:	75	Resp:	1159
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

