

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074551.D
 Acq On : 17 Oct 2022 18:15
 Operator : VA/SY
 Sample : N5140-09
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-3.5-4.0

Quant Time: Oct 17 23:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

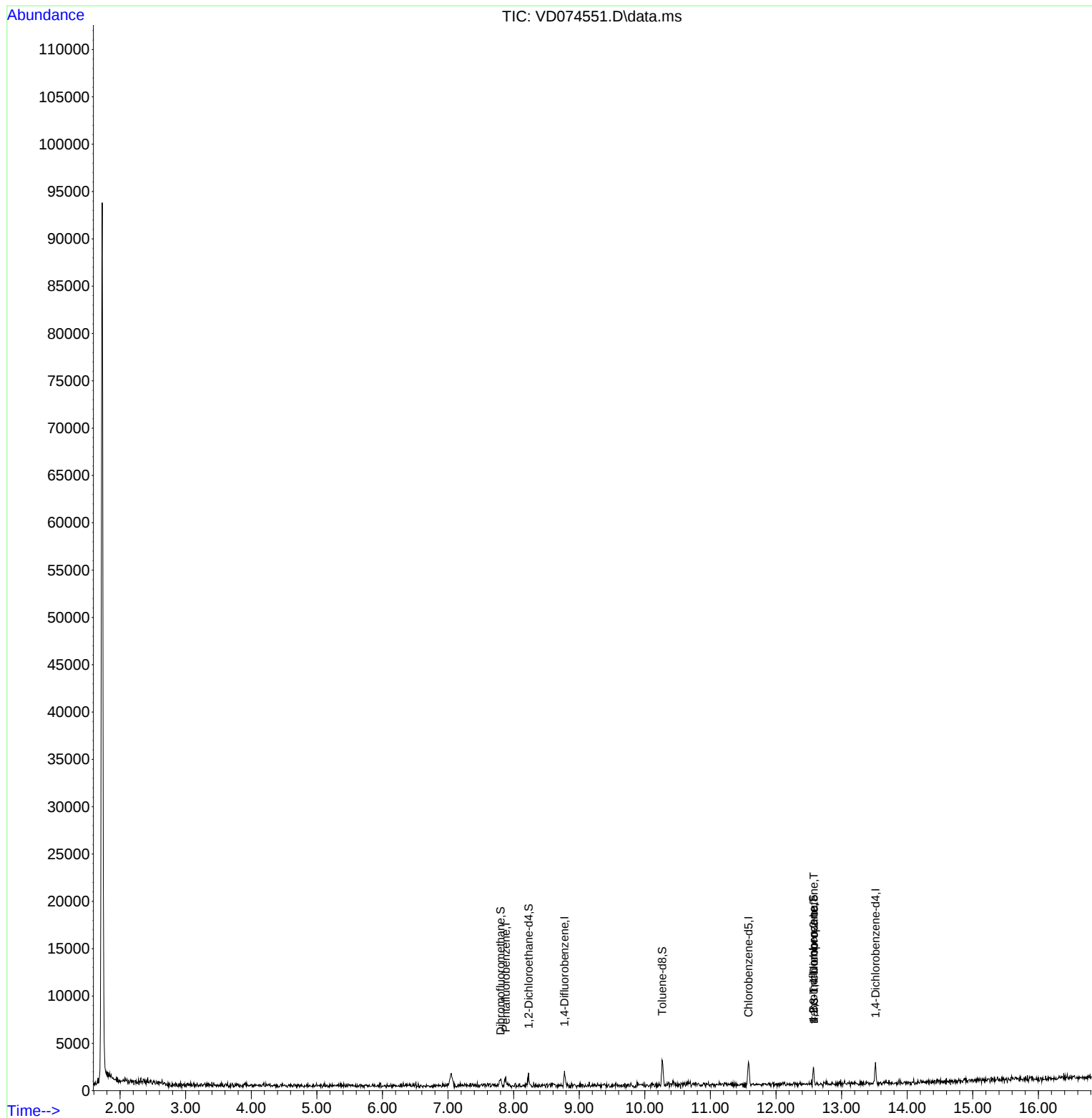
Internal Standards						
1) Pentafluorobenzene	7.881	168	1065	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	2056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1919	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1141	124.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 248.940%#	
35) Dibromofluoromethane	7.799	113	719	58.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.060%	
50) Toluene-d8	10.263	98	2431	51.593	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.569	95	701	48.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.600%	
Target Compounds						
						Qvalue
76) 1,2,3-Trichloropropane	12.575	75	234	39.454	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	234	100.078	ug/l	# 17

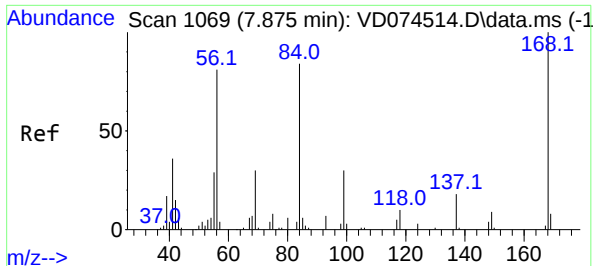
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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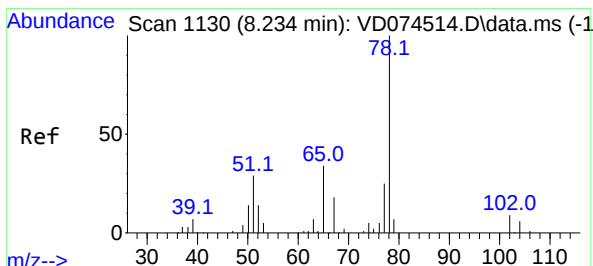
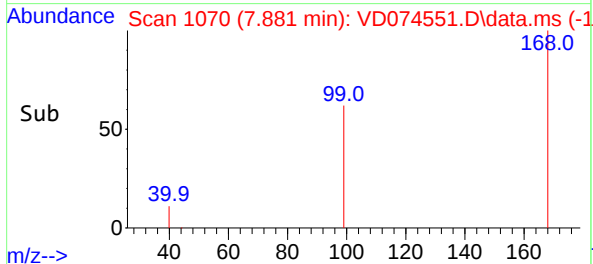
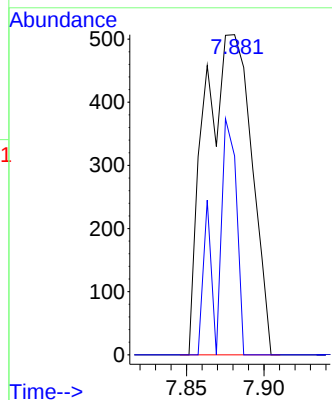
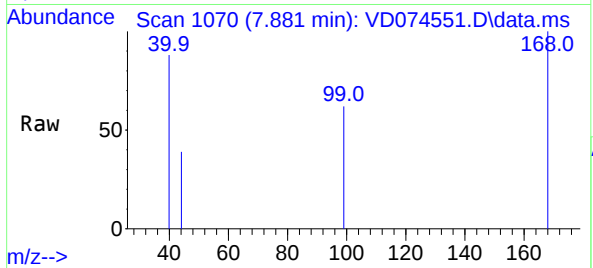




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

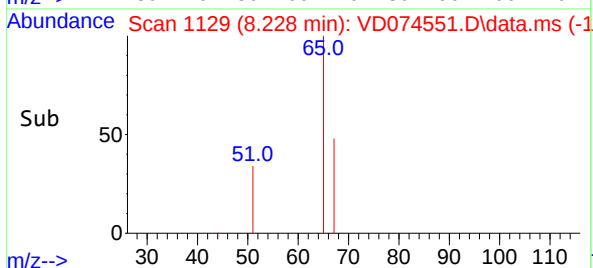
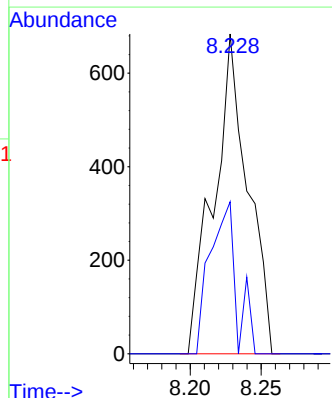
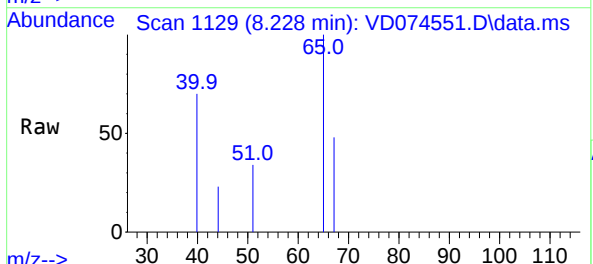
Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

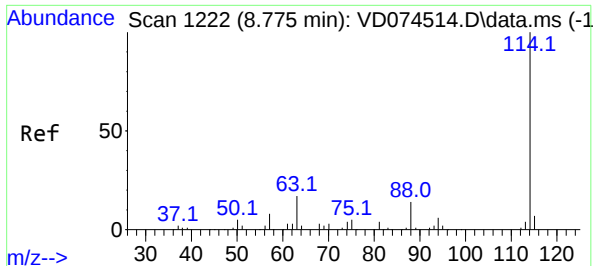
Tgt Ion:168 Resp: 1065
Ion Ratio Lower Upper
168 100
99 62.1 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 124.468 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Tgt Ion: 65 Resp: 1141
Ion Ratio Lower Upper
65 100
67 36.8 0.0 110.2

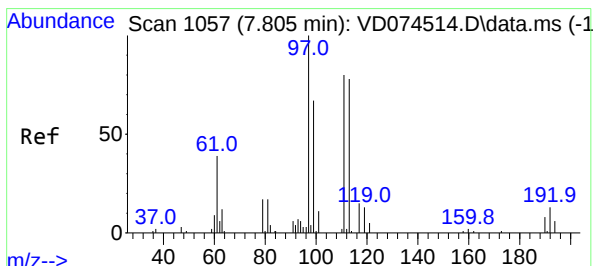
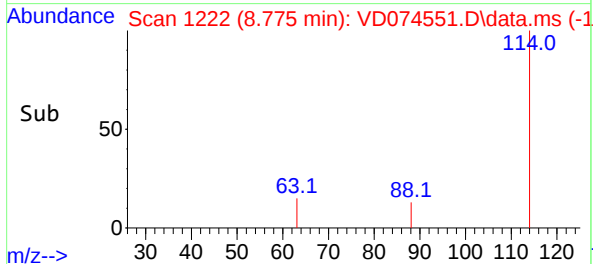
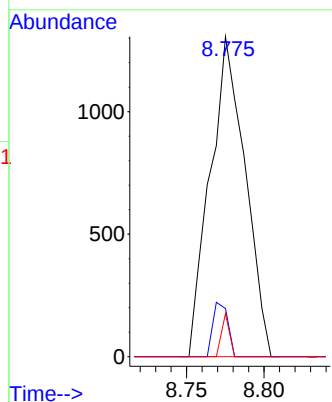
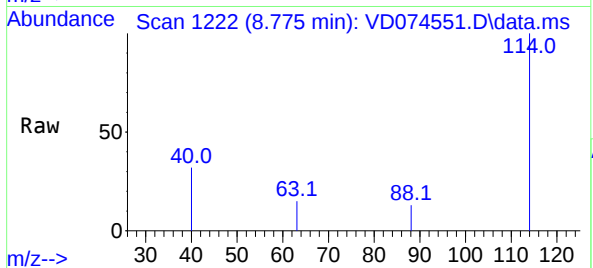




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

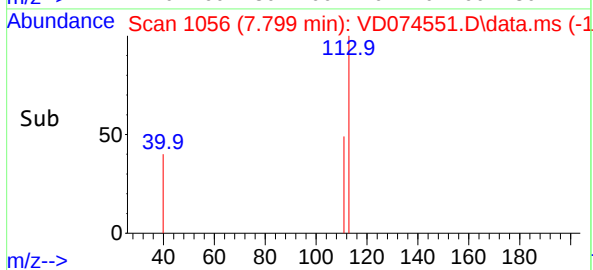
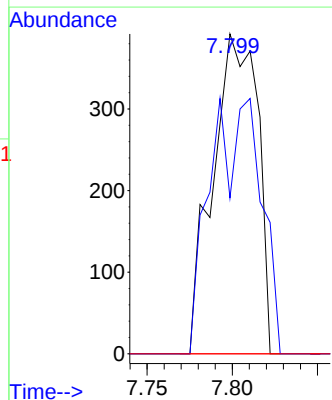
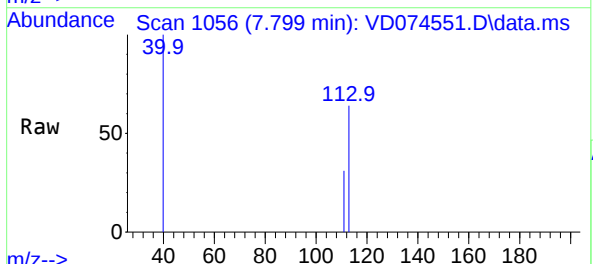
Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

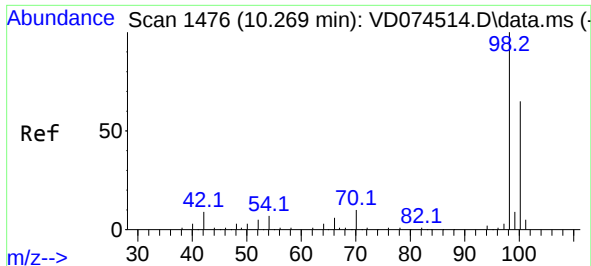
Tgt Ion:114 Resp: 2056
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.2
88 13.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 58.526 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Tgt Ion:113 Resp: 719
Ion Ratio Lower Upper
113 100
111 42.8 82.3 123.5#
192 0.0 16.4 24.6#

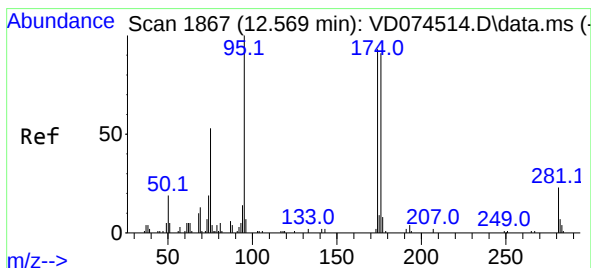
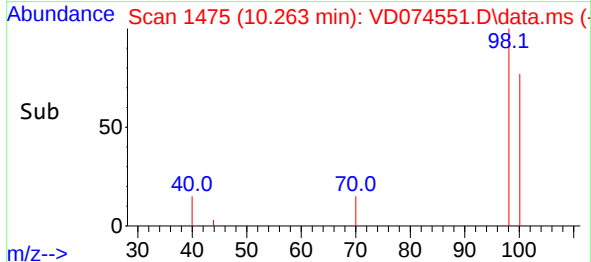
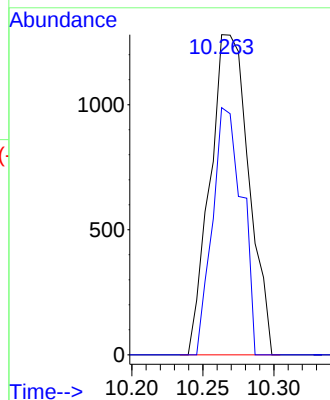
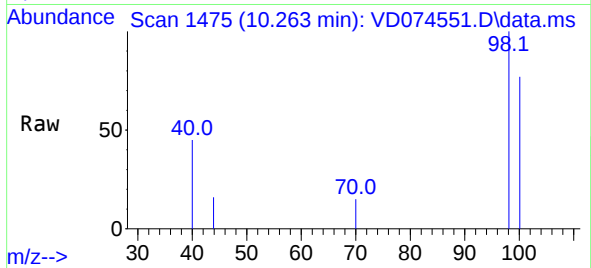




#50
Toluene-d8
Concen: 51.593 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

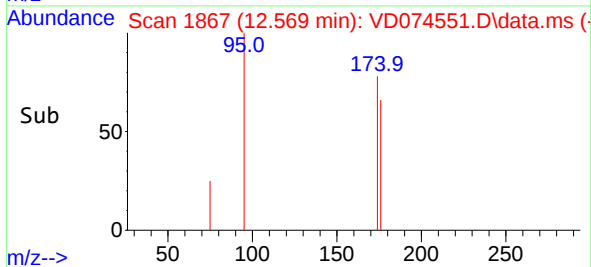
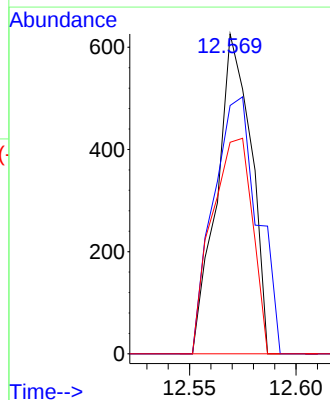
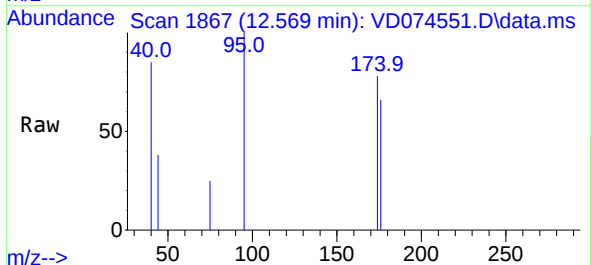
Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

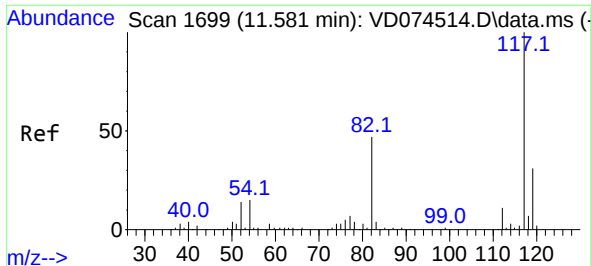
Tgt Ion: 98 Resp: 2431
Ion Ratio Lower Upper
98 100
100 58.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Tgt Ion: 95 Resp: 701
Ion Ratio Lower Upper
95 100
174 103.6 0.0 197.0
176 80.0 0.0 182.6

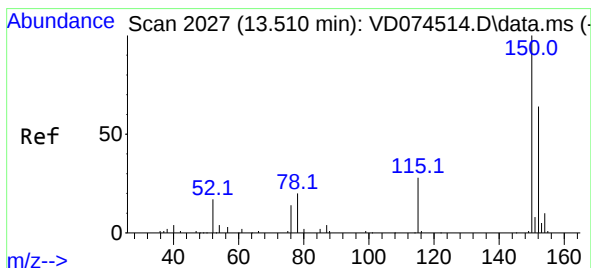
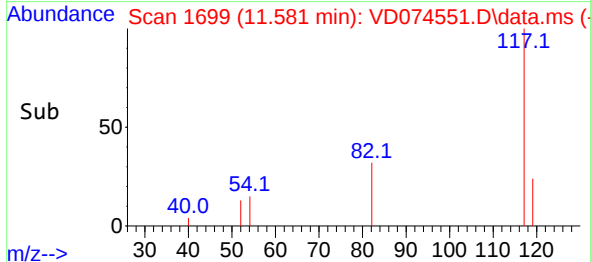
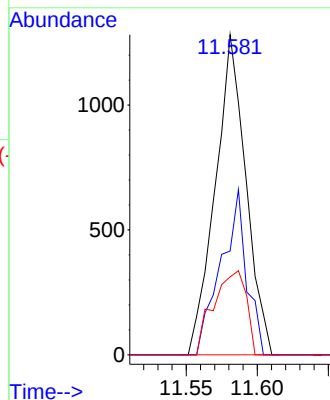
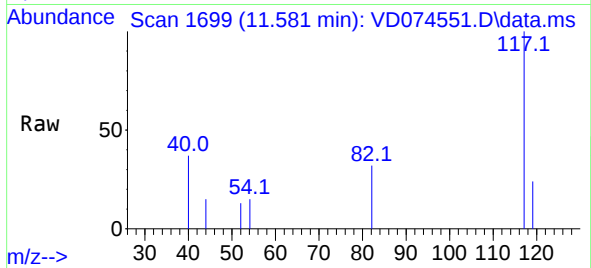




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

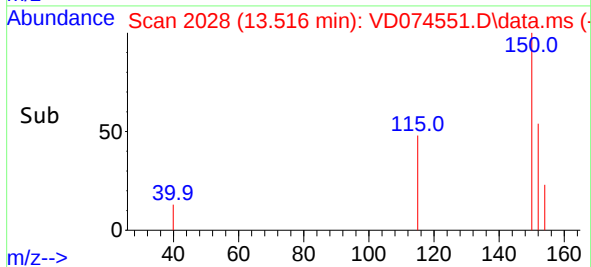
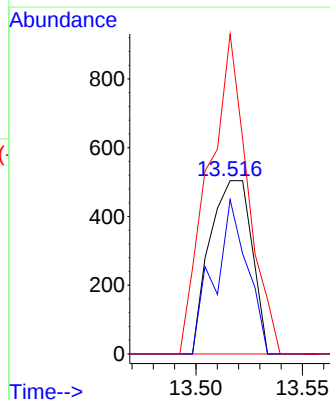
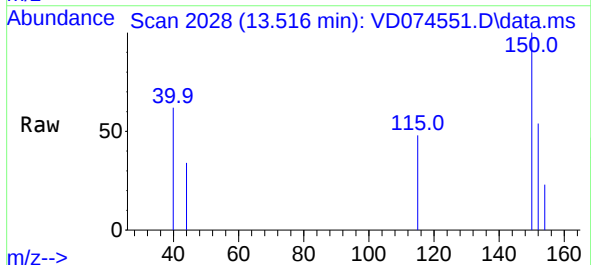
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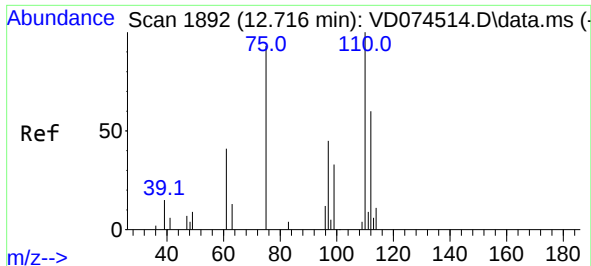
Tgt Ion:117 Resp: 1919
Ion Ratio Lower Upper
117 100
82 32.4 41.6 62.4#
119 24.3 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Tgt Ion:152 Resp: 694
Ion Ratio Lower Upper
152 100
115 69.2 26.8 80.4
150 172.0 0.0 348.2

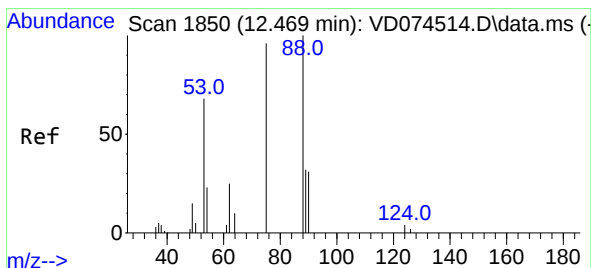
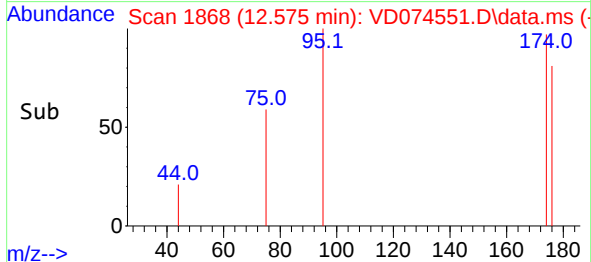
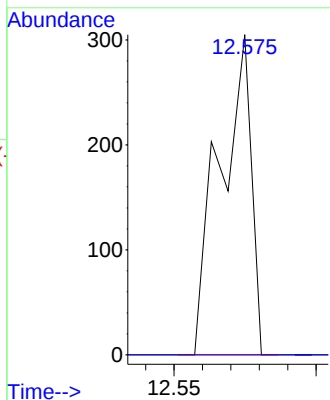
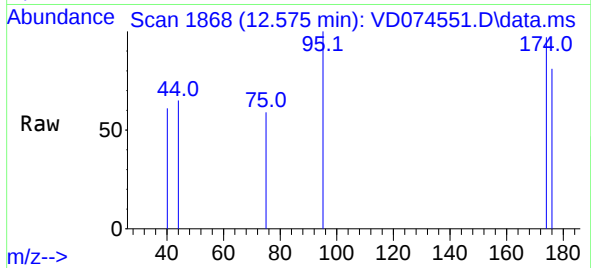




#76
1,2,3-Trichloropropane
Concen: 39.454 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

Tgt Ion: 75 Resp: 234
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.078 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074551.D
Acq: 17 Oct 2022 18:15

Tgt Ion: 75 Resp: 234
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

