

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070865.D
 Acq On : 27 Oct 2021 15:48
 Operator : VA/SY
 Sample : M4368-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-102621

Quant Time: Oct 28 03:56:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	24195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	40134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	43898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22071	90.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.400%#
35) Dibromofluoromethane	7.909	113	16199	61.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.440%
50) Toluene-d8	10.332	98	50573	50.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.620	95	17649	53.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.460%

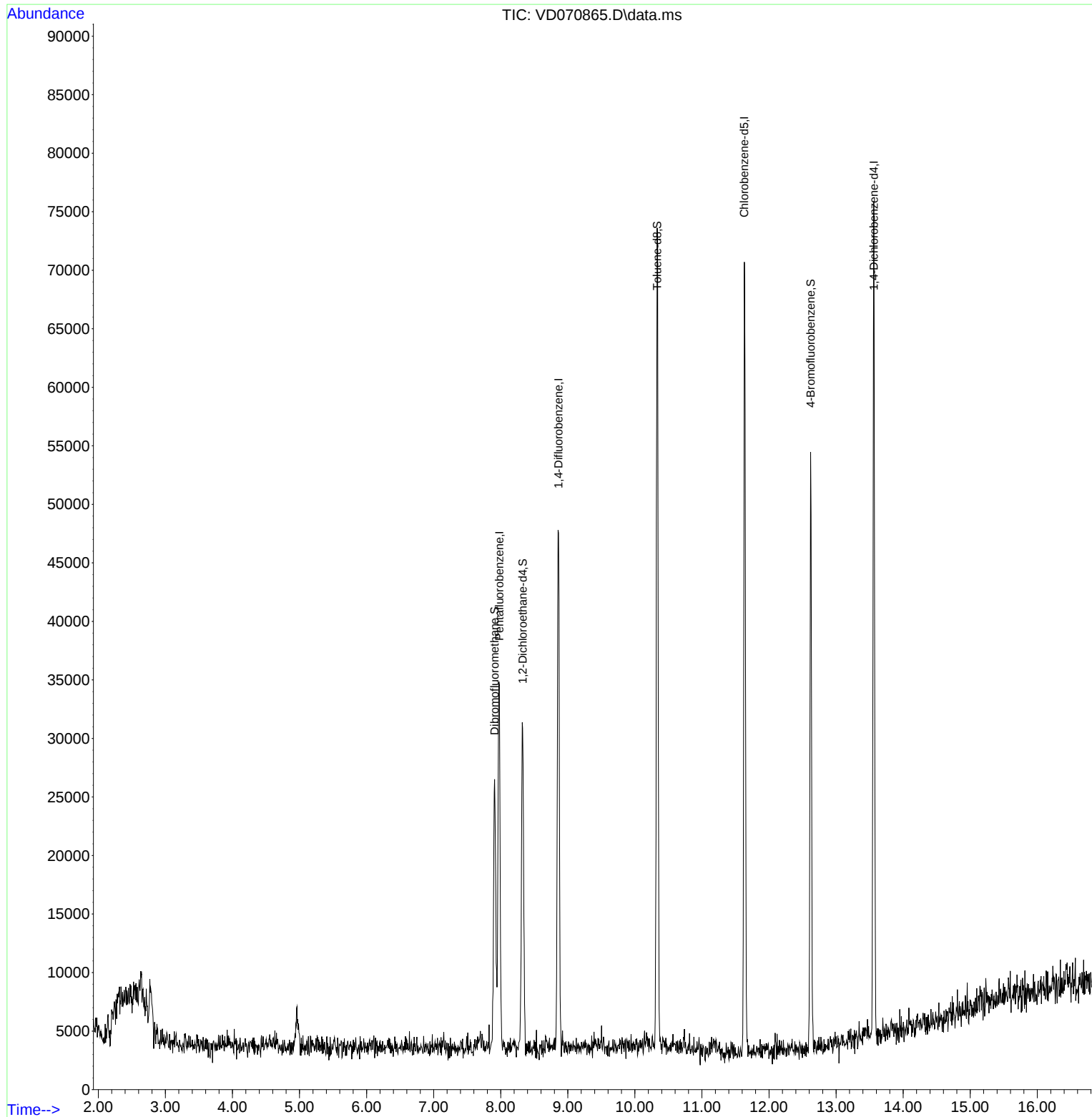
Target Compounds	Qvalue

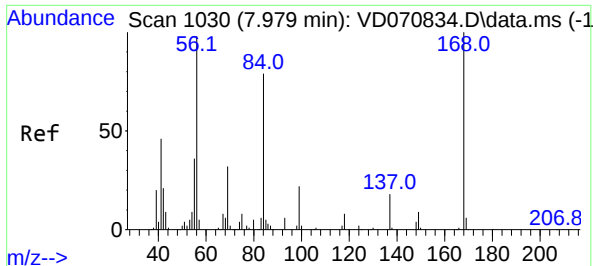
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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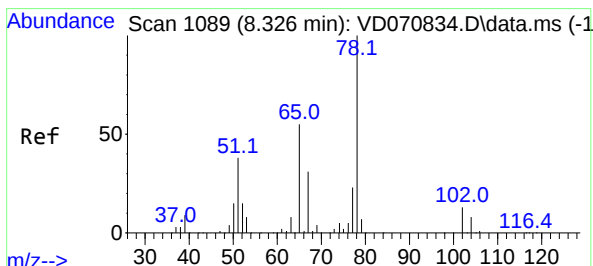
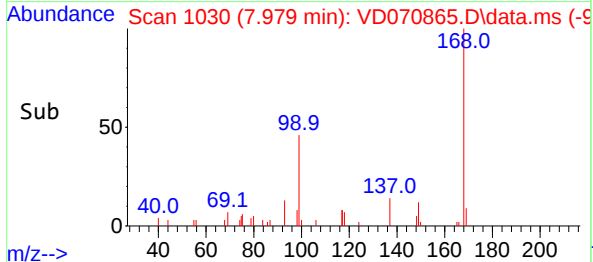
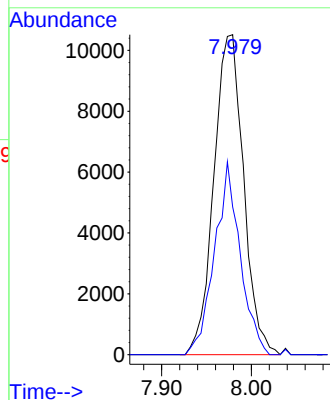
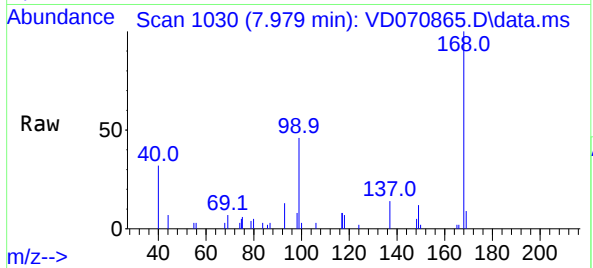




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070865.D
 Acq: 27 Oct 2021 15:48

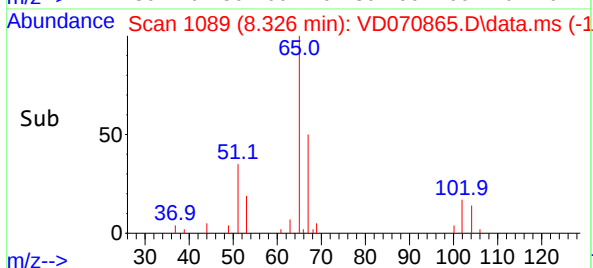
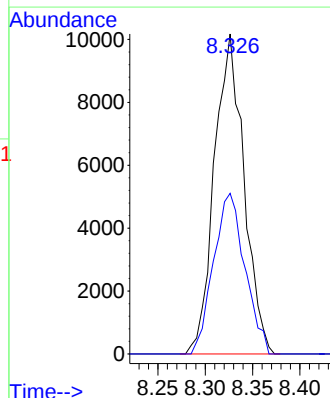
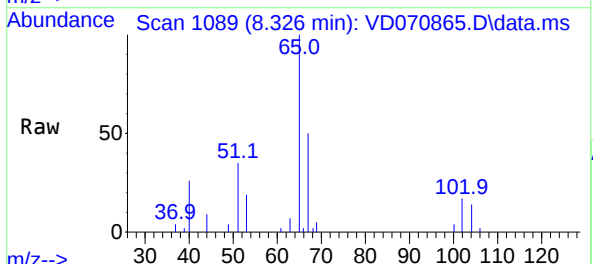
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-102621

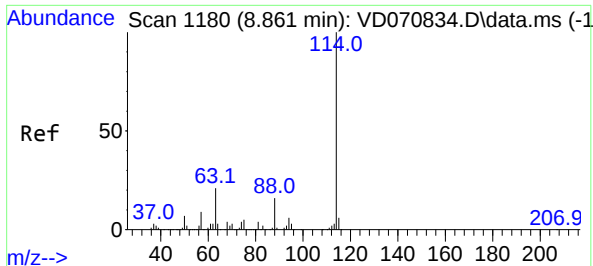
Tgt Ion:168 Resp: 24195
 Ion Ratio Lower Upper
 168 100
 99 46.2 46.6 69.8#



1,2-Dichloroethane-d4
 Concen: 90.700 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070865.D
 Acq: 27 Oct 2021 15:48

Tgt Ion: 65 Resp: 22071
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 112.2



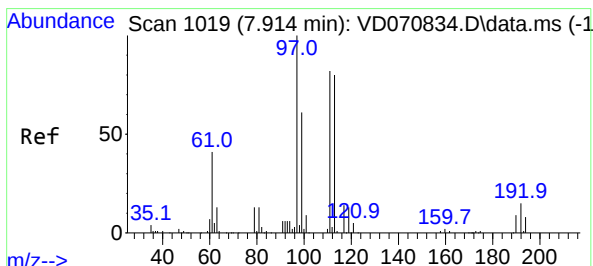
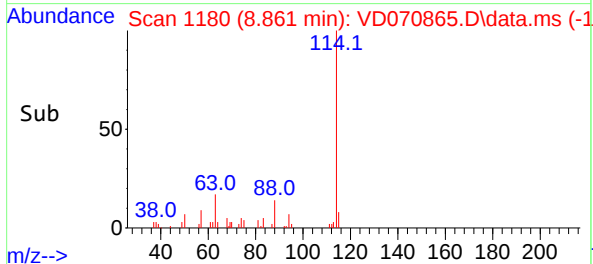
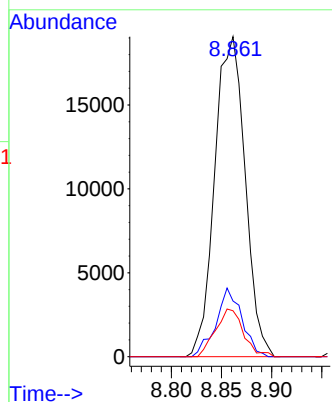
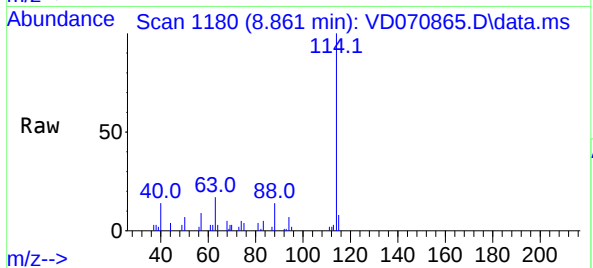


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Instrument :
MSVOA_D
ClientSampleId :
HD-02-102621

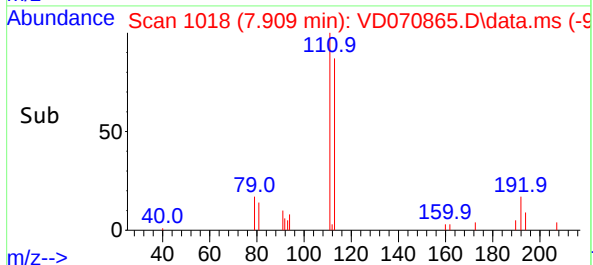
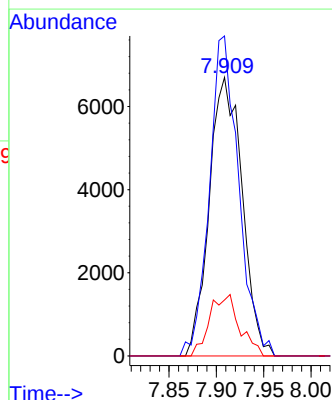
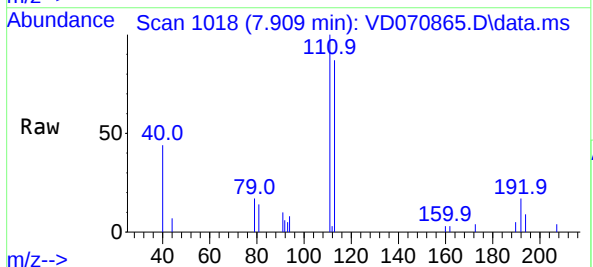
Tgt Ion:	114	Resp:	40134
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	41.8
88	14.4	0.0	32.8

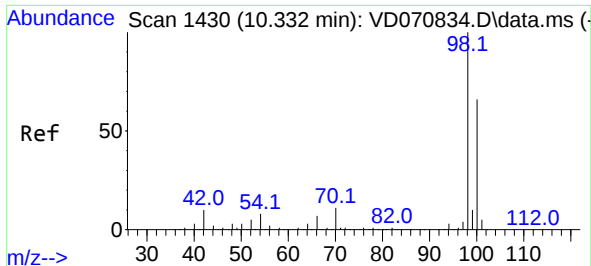


#35

Dibromofluoromethane
Concen: 61.215 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

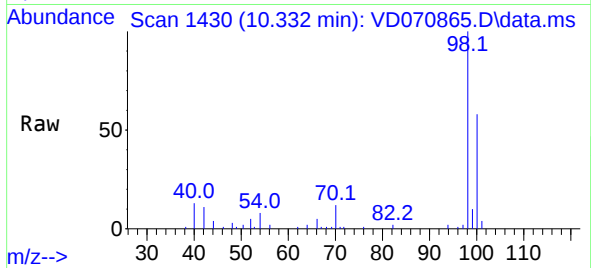
Tgt Ion:	113	Resp:	16199
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	20.0	15.2	22.8



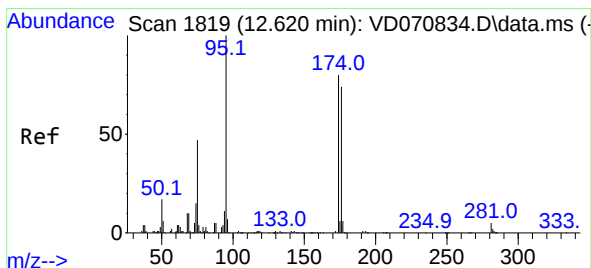
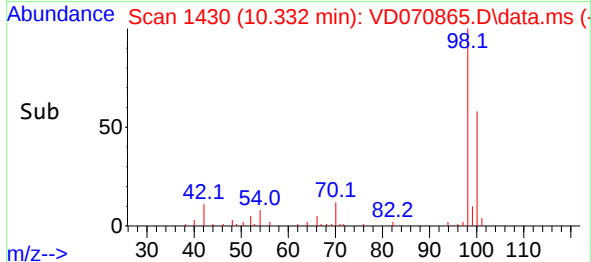
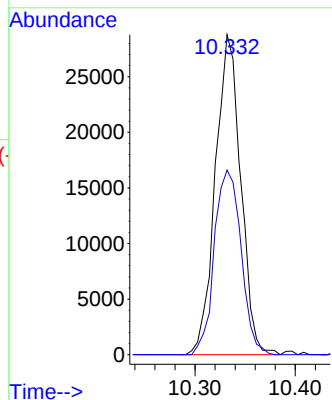


#50
Toluene-d8
Concen: 50.799 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

Instrument :
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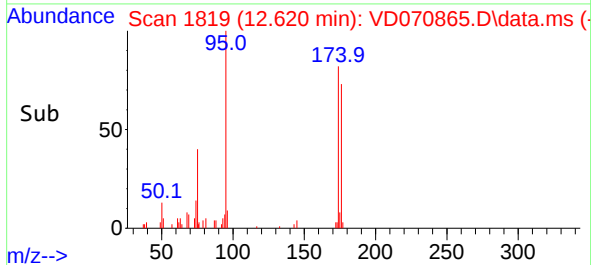
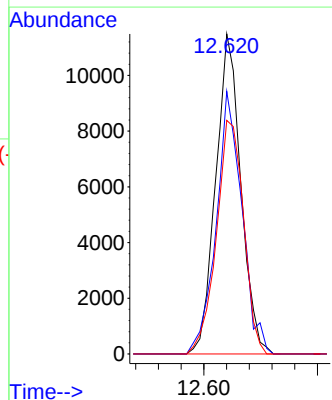
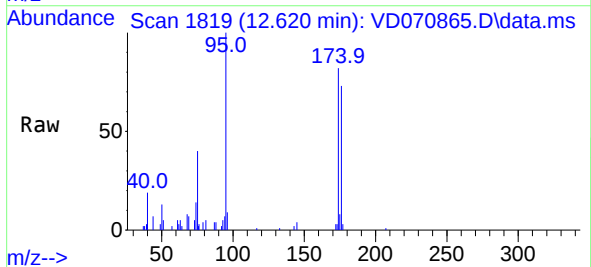


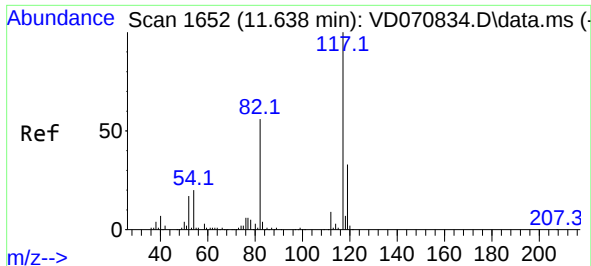
Tgt Ion: 98 Resp: 50573
Ion Ratio Lower Upper
98 100
100 60.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.729 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

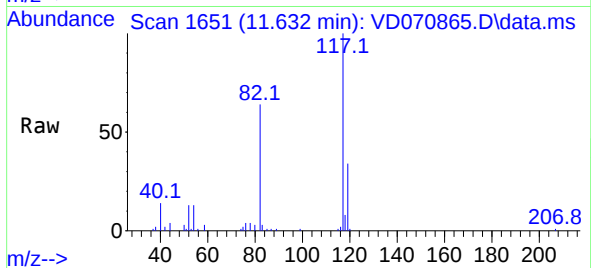
Tgt Ion: 95 Resp: 17649
Ion Ratio Lower Upper
95 100
174 83.8 0.0 159.4
176 78.8 0.0 154.0



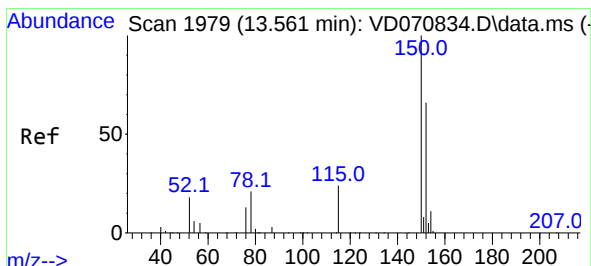
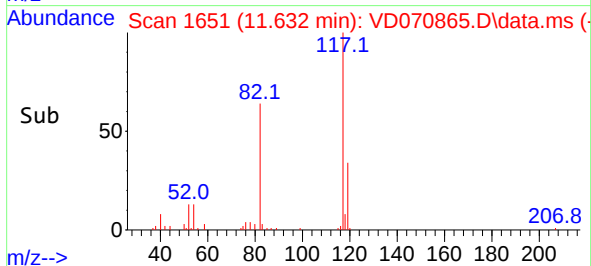
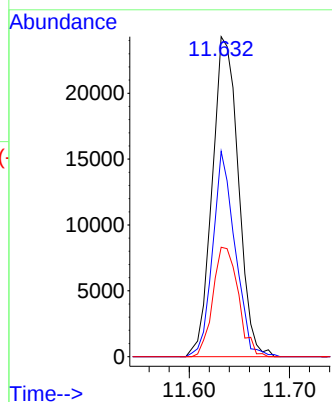


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48

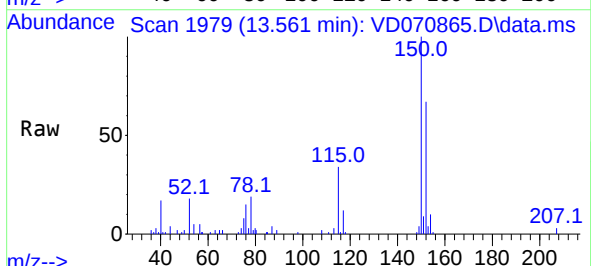
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Tgt Ion:	117	Resp:	43898
Ion	Ratio	Lower	Upper
117	100		
82	64.2	44.7	67.1
119	34.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070865.D
Acq: 27 Oct 2021 15:48



Tgt Ion:	152	Resp:	19014
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.8	89.3
150	160.5	0.0	349.2

