

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068433.D
 Acq On : 24 Feb 2021 13:18
 Operator : VA/SY
 Sample : M1469-01
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-08-022321

Quant Time: Feb 25 00:10:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

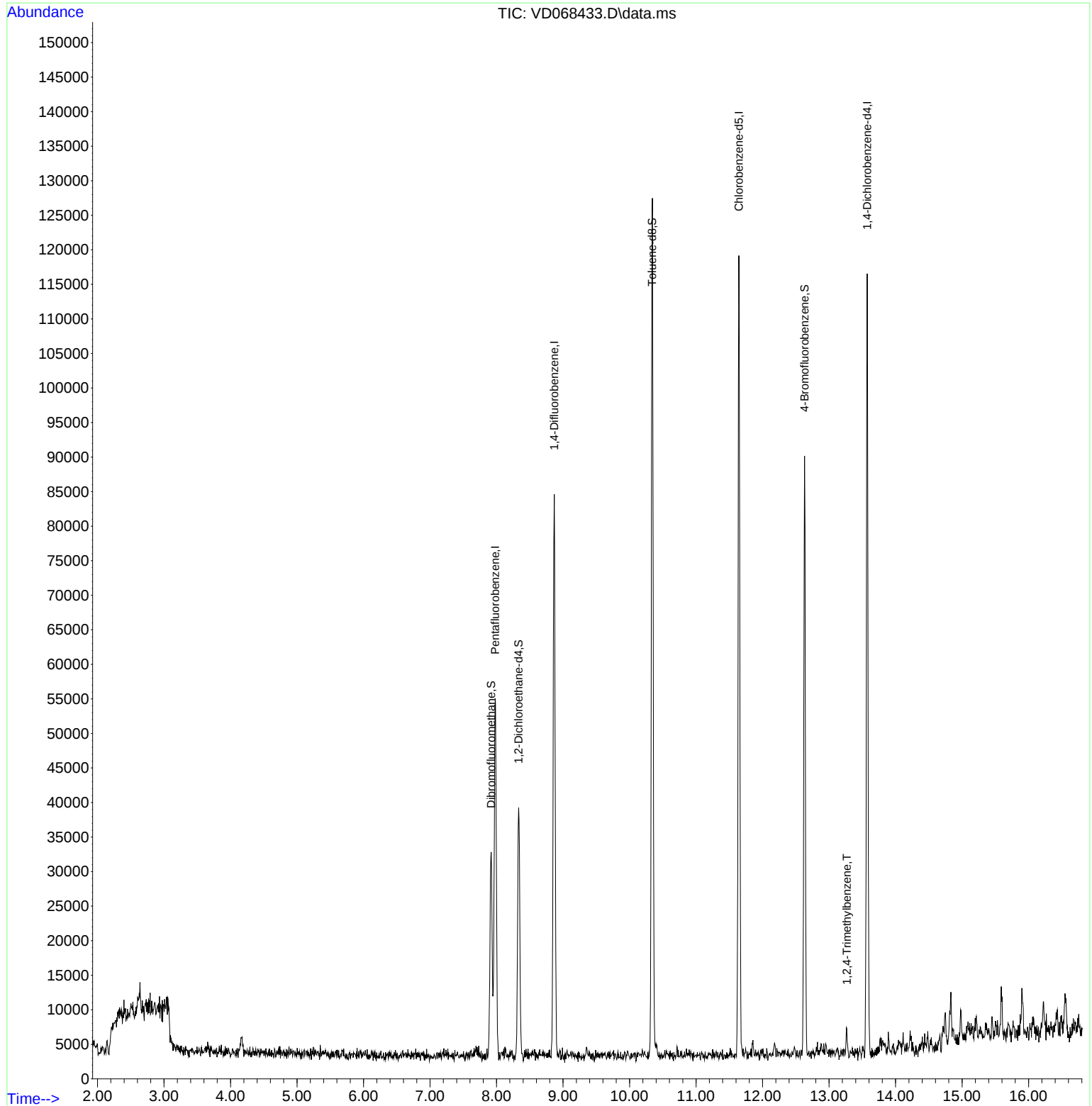
Internal Standards						
1) Pentafluorobenzene	7.979	168	39085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	71273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	70098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	29663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	29872	74.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.52%
35) Dibromofluoromethane	7.920	113	21511	50.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.70%
50) Toluene-d8	10.337	98	91153	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.631	95	27771	48.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.24%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.267	105	2386	1.35	ug/l	Qvalue 87

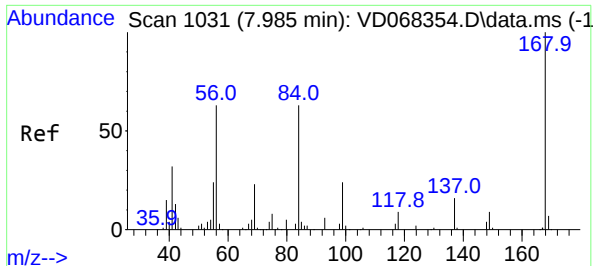
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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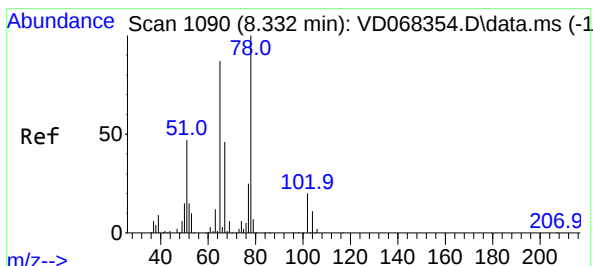
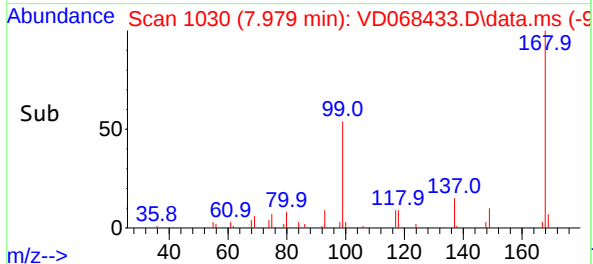
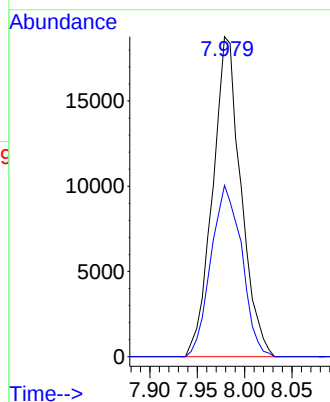
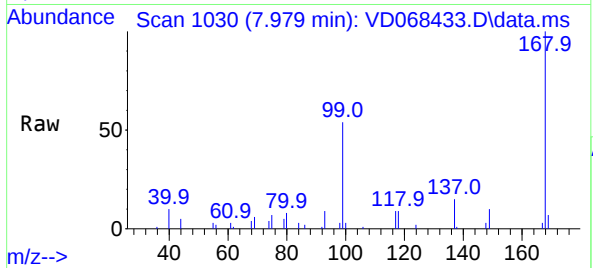




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

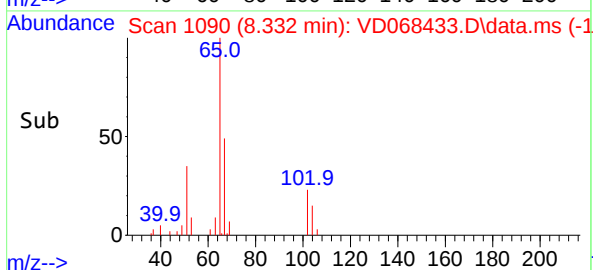
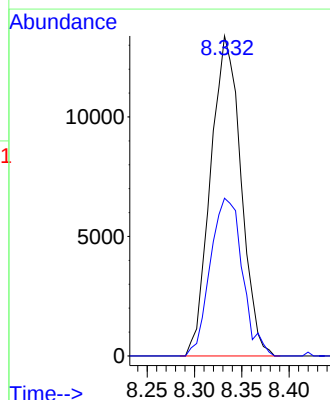
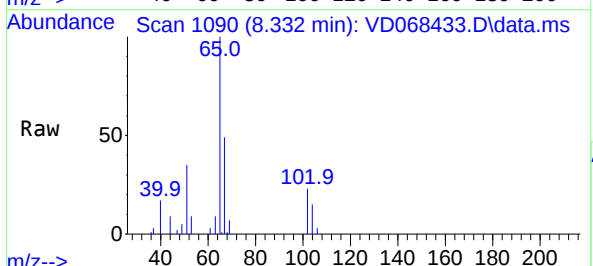
Instrument :
MSVOA_D
ClientSampleId :
TR-08-022321

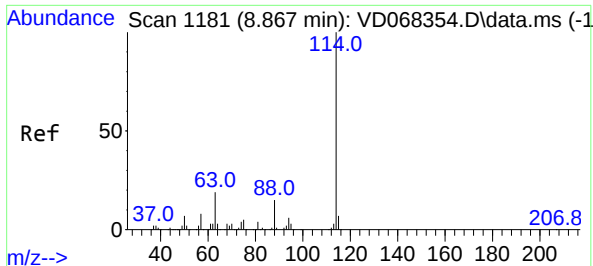
Tgt Ion:168 Resp: 39085
Ion Ratio Lower Upper
168 100
99 53.6 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 74.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 65 Resp: 29872
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



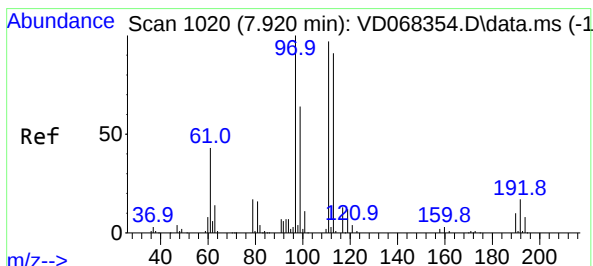
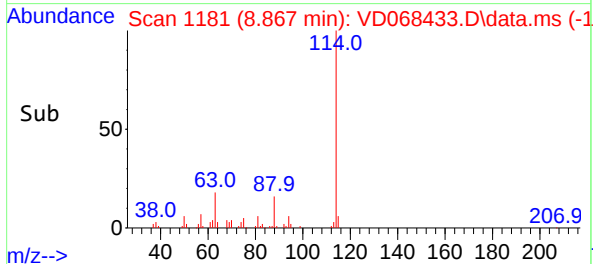
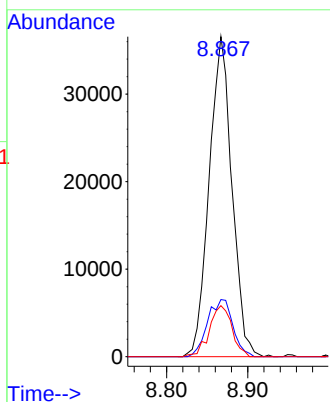
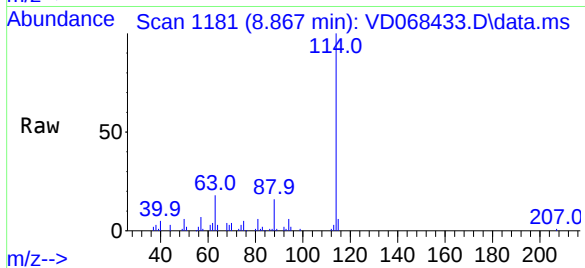


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Instrument :
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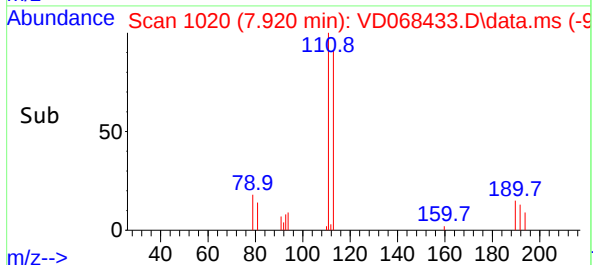
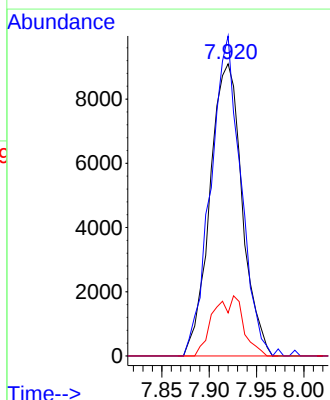
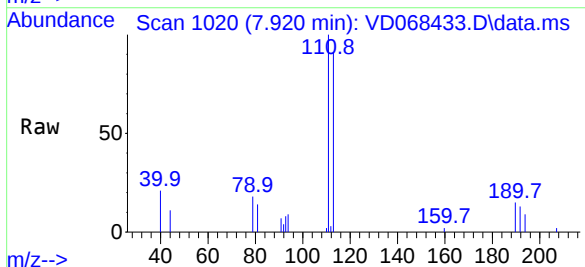
Tgt Ion:	114	Resp:	71273
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	15.9	0.0	31.6

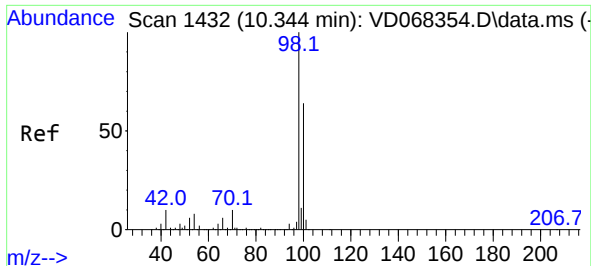


#35

Dibromofluoromethane
Concen: 50.85 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion:	113	Resp:	21511
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	19.3	16.1	24.1

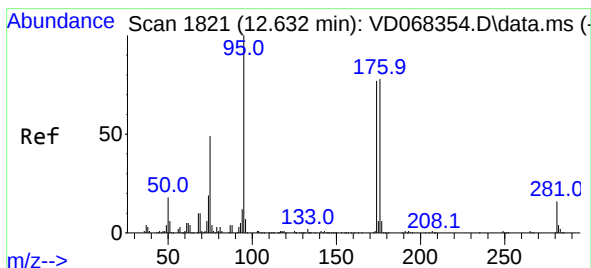
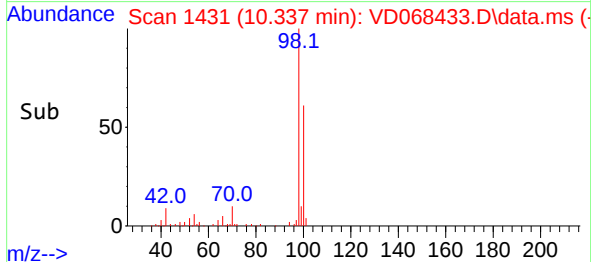
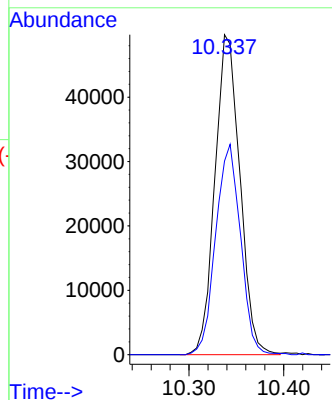
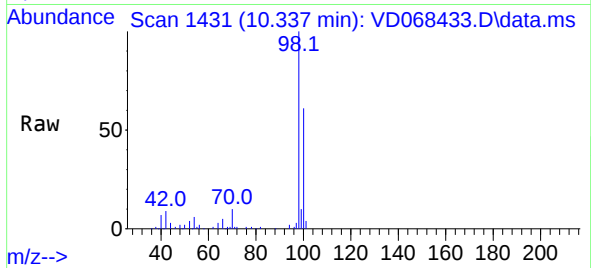




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

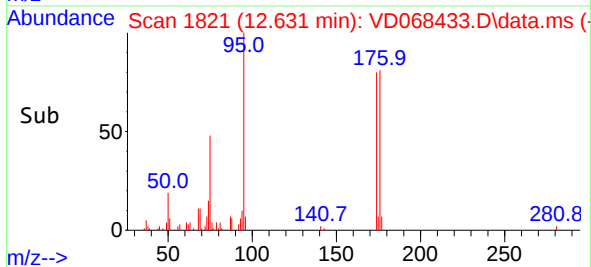
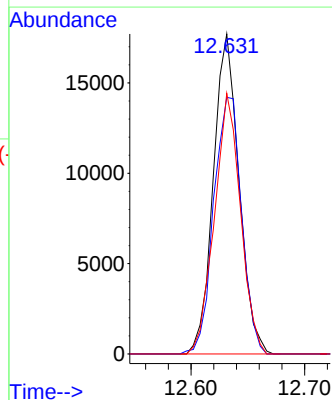
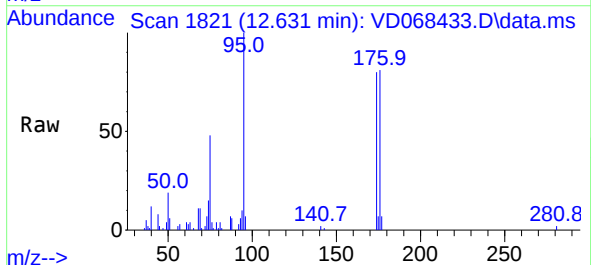
Instrument :
MSVOA_D
ClientSampleId :
TR-08-022321

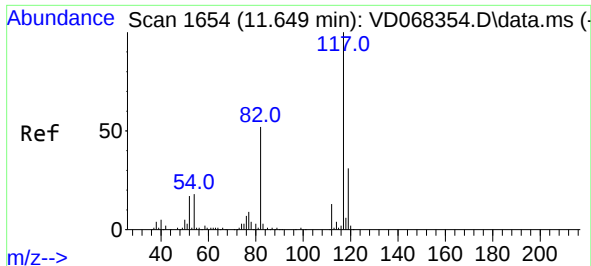
Tgt Ion: 98 Resp: 91153
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion: 95 Resp: 27771
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.4
176 82.8 0.0 168.4

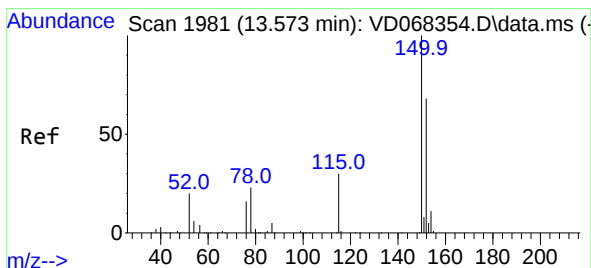
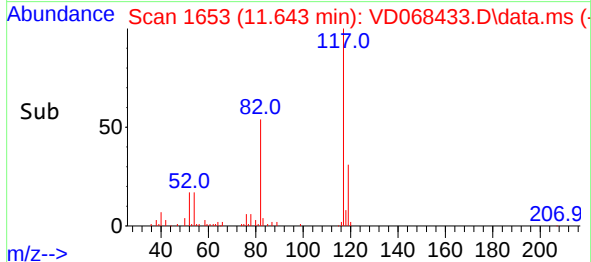
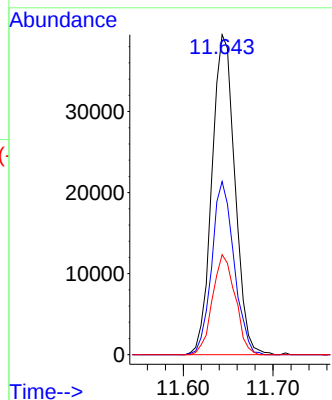
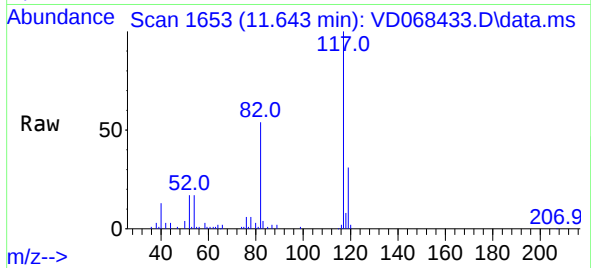




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

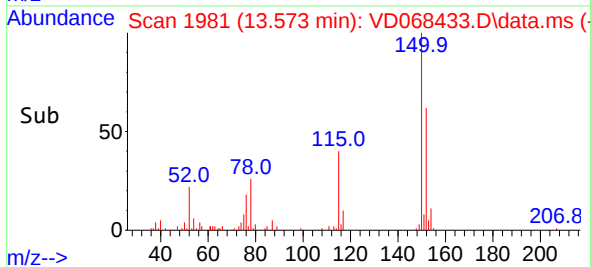
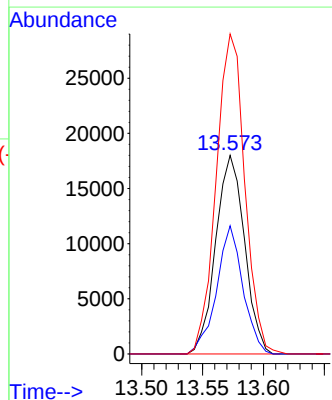
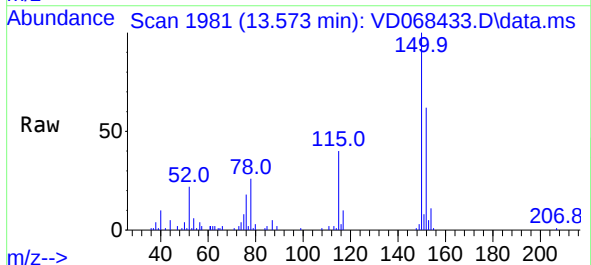
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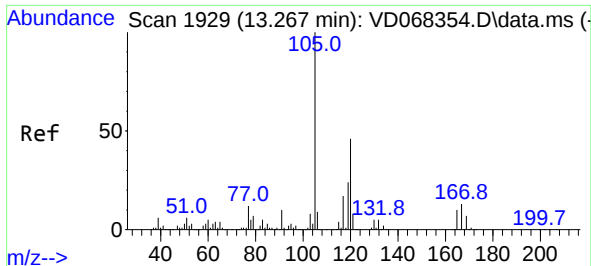
Tgt Ion:	117	Resp:	70098
Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.4	62.0
119	31.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068433.D
Acq: 24 Feb 2021 13:18

Tgt Ion:	152	Resp:	29663
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.9	86.8
150	160.1	0.0	344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.35 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: VD068433.D
 Acq: 24 Feb 2021 13:18

Instrument :
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 ClientSampleId :
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Tgt Ion:105 Resp: 2386
 Ion Ratio Lower Upper
 105 100
 120 52.9 22.4 67.0

