

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069174.D
 Acq On : 14 May 2021 14:02
 Operator : VA/SY
 Sample : M2389-05
 Misc : 7.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CASINO-AVE-1-2

Quant Time: May 15 02:33:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

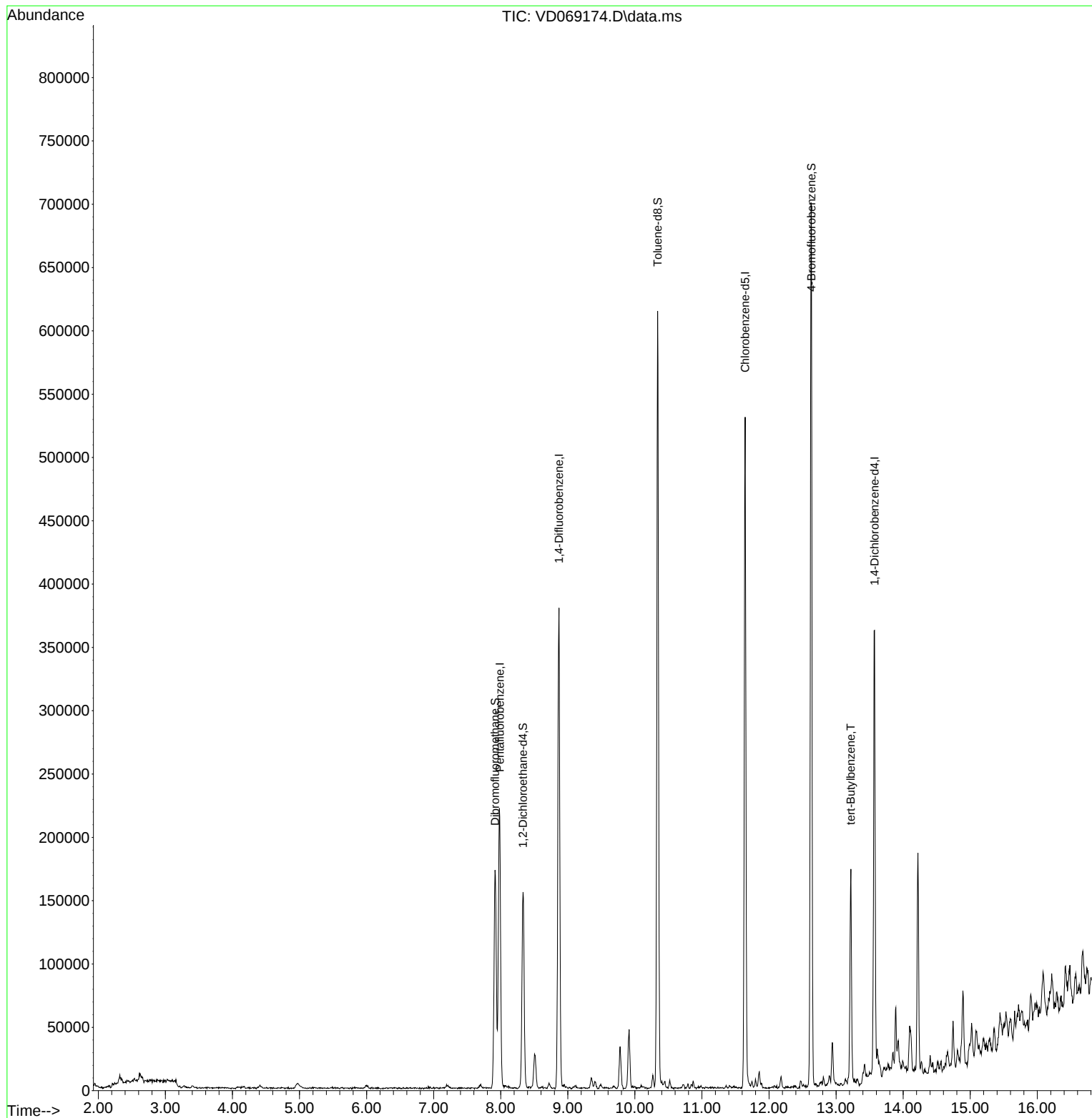
Internal Standards						
1) Pentafluorobenzene	7.985	168	162933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	337486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	301733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	94283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124886	76.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.92%
35) Dibromofluoromethane	7.914	113	124415	56.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.30%
50) Toluene-d8	10.338	98	422034	52.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.60%
62) 4-Bromofluorobenzene	12.632	95	120410	46.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.74%
Target Compounds						
83) tert-Butylbenzene	13.220	119	75975	16.78	ug/l	Qvalue 97

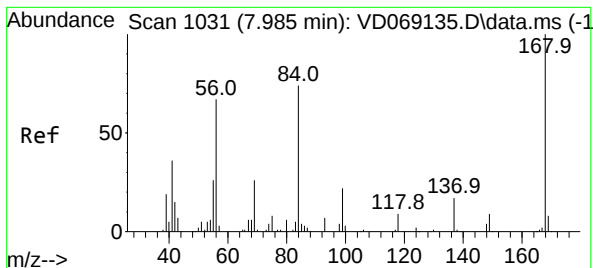
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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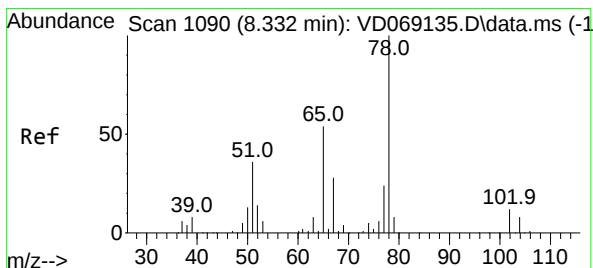
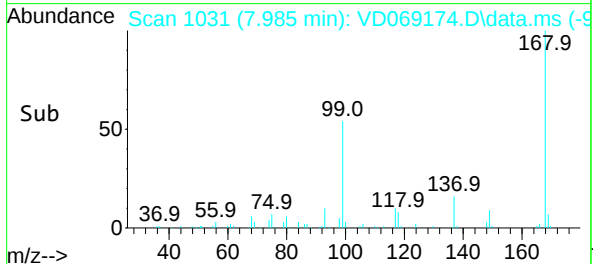
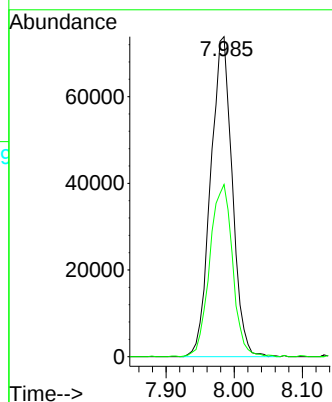
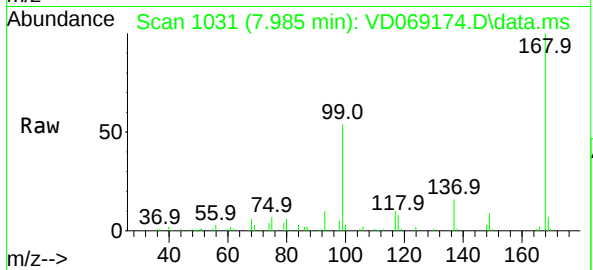




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

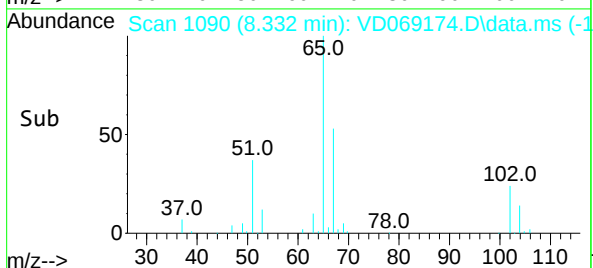
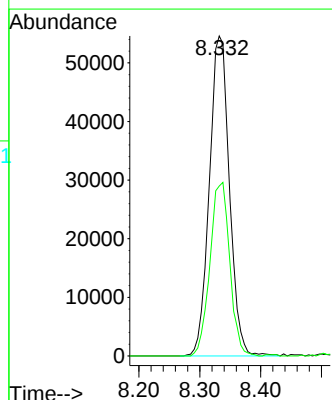
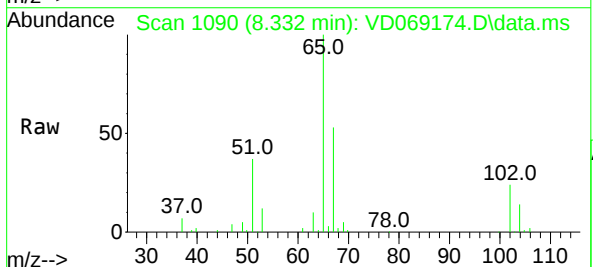
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

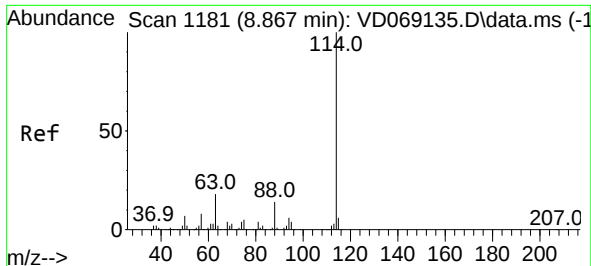
Tgt Ion:168 Resp: 162933
Ion Ratio Lower Upper
168 100
99 53.8 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 76.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

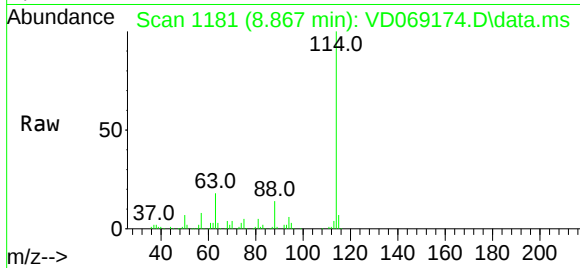
Tgt Ion: 65 Resp: 124886
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0



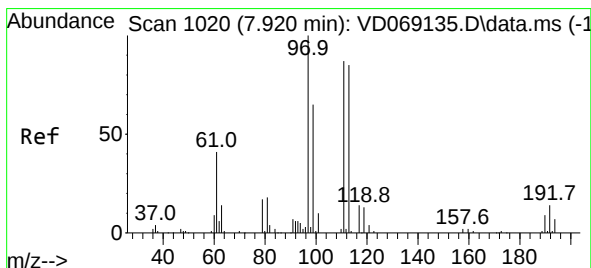
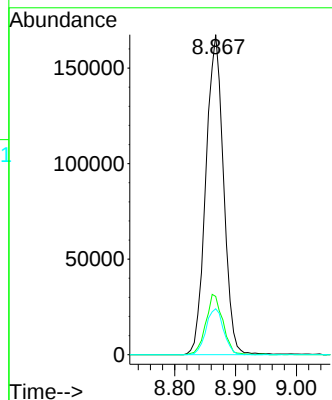
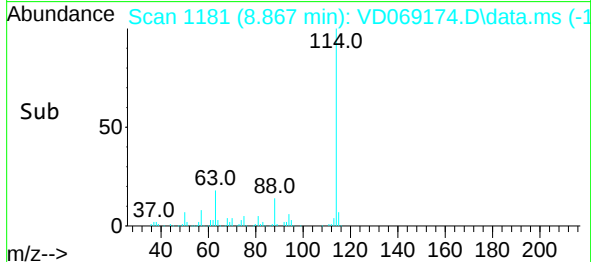


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

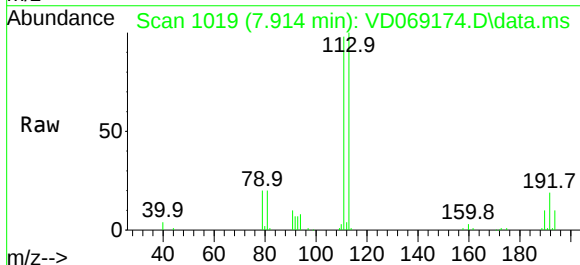
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2



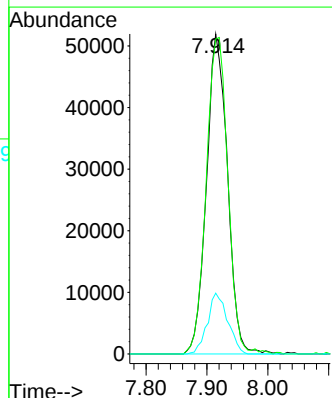
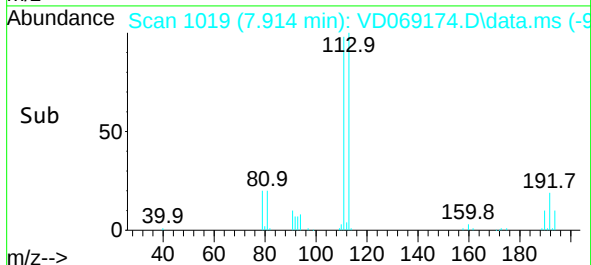
Tgt Ion:114 Resp: 337486
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 14.4 0.0 28.2

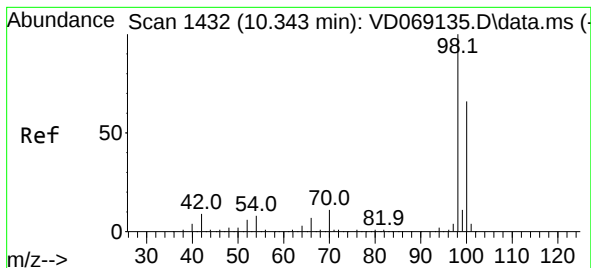


#35
Dibromofluoromethane
Concen: 56.65 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02



Tgt Ion:113 Resp: 124415
Ion Ratio Lower Upper
113 100
111 102.0 80.6 120.8
192 18.4 14.8 22.2

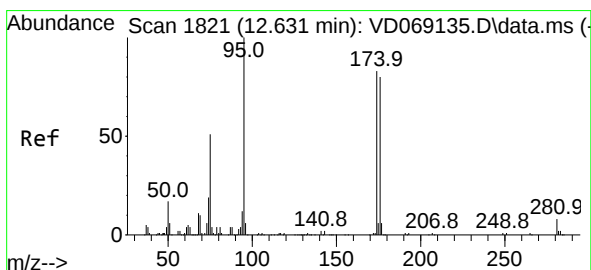
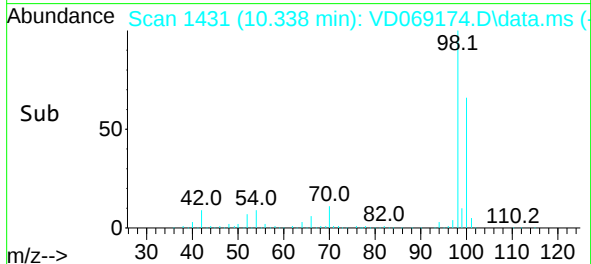
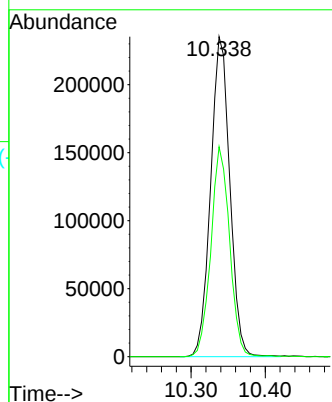
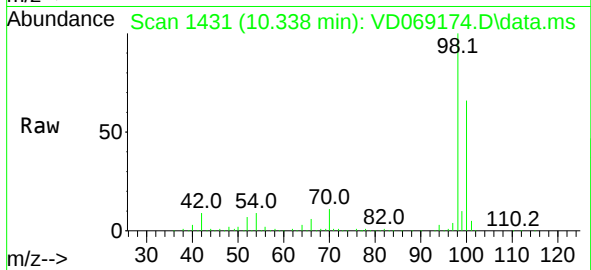




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

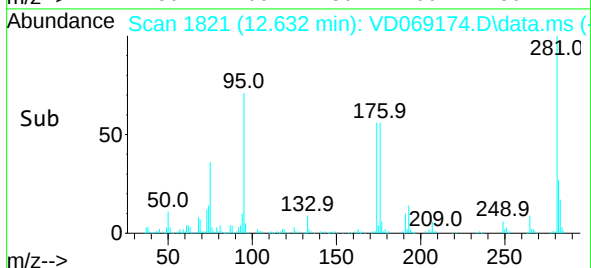
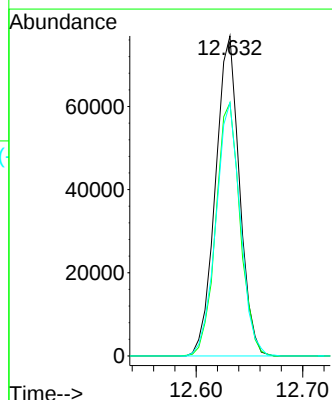
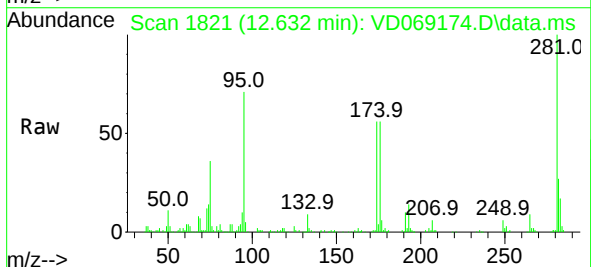
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

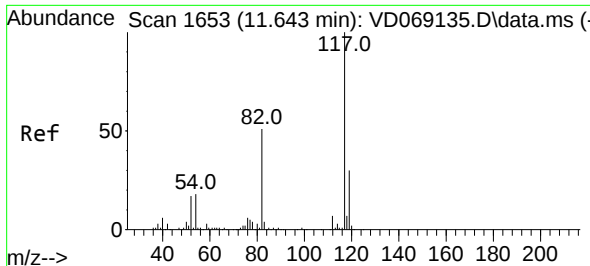
Tgt Ion: 98 Resp: 422034
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 46.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

Tgt Ion: 95 Resp: 120410
Ion Ratio Lower Upper
95 100
174 79.7 0.0 171.8
176 80.3 0.0 165.4

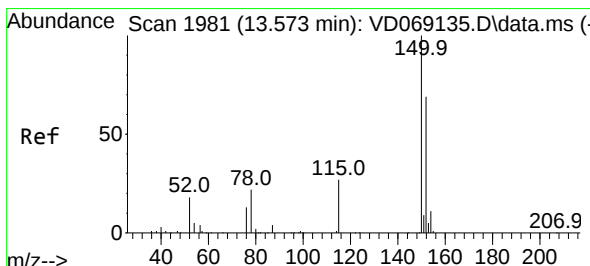
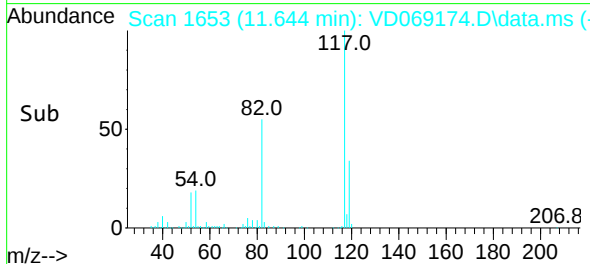
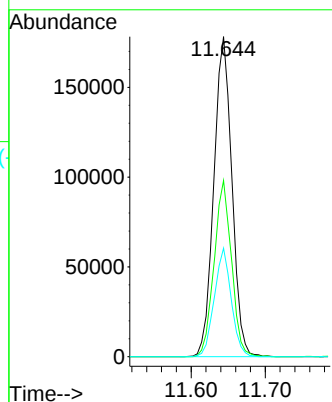
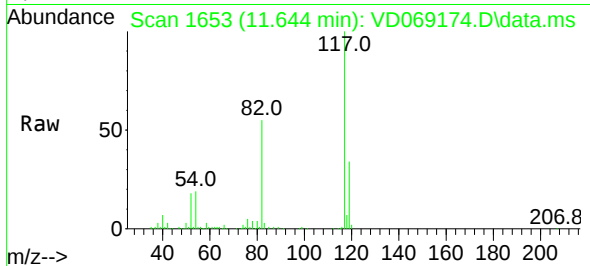




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

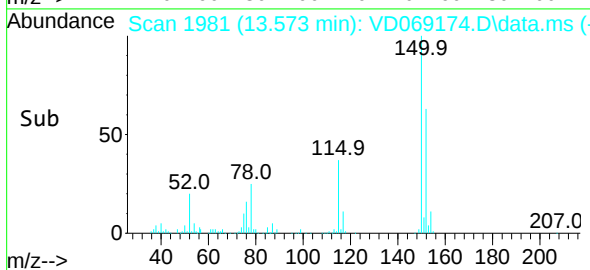
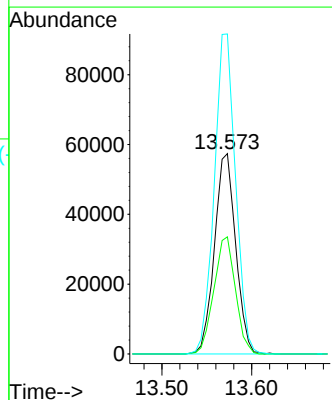
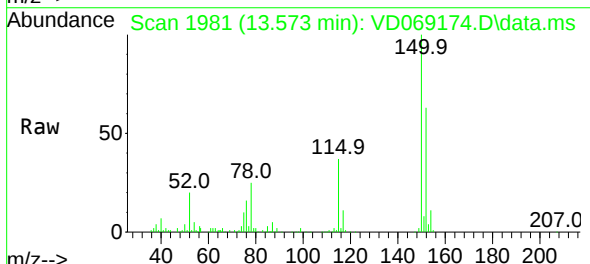
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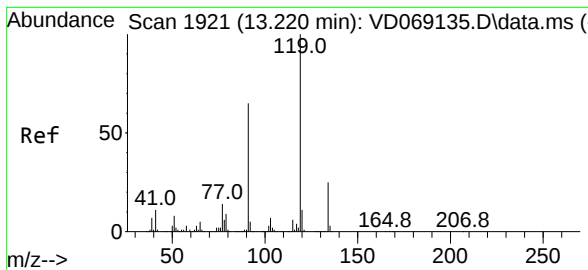
Tgt Ion:117 Resp: 301733
Ion Ratio Lower Upper
117 100
82 55.1 40.5 60.7
119 33.9 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069174.D
Acq: 14 May 2021 14:02

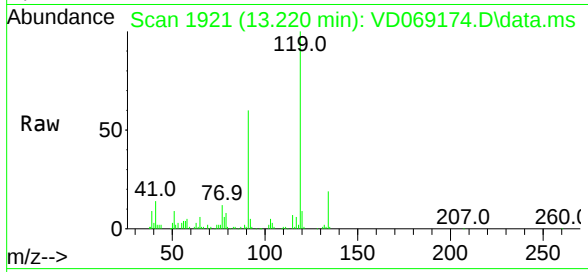
Tgt Ion:152 Resp: 94283
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 160.0 0.0 350.2





#83
 tert-Butylbenzene
 Concen: 16.78 ug/l
 RT: 13.220 min Scan# 1921
 Delta R.T. 0.000 min
 Lab File: VD069174.D
 Acq: 14 May 2021 14:02

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Tgt Ion:	119	Resp:	75975
Ion Ratio	100	Lower	Upper
119	100		
91	64.1	32.5	97.4
134	23.6	13.8	41.3

