

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068224.D
 Acq On : 28 Jan 2021 15:39
 Operator : VA/SY
 Sample : M1253-05
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-201

Quant Time: Jan 29 00:09:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	50534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	89418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	82235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	65631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	32175	66.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.12%
35) Dibromofluoromethane	7.920	113	23799	48.14	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.28%
50) Toluene-d8	10.344	98	111974	56.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.26%
62) 4-Bromofluorobenzene	12.632	95	37932	53.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.54%

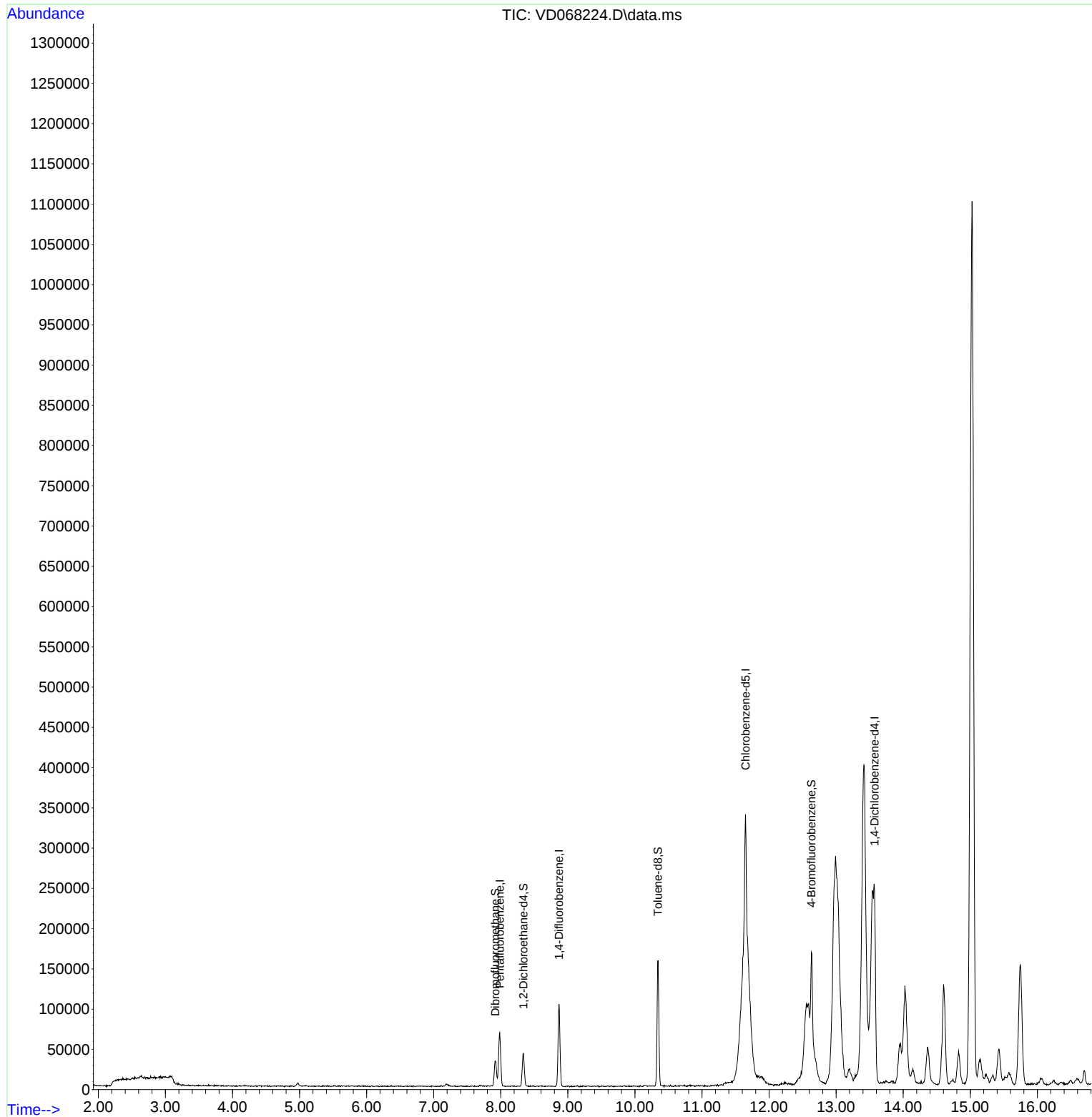
Target Compounds	Qvalue

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

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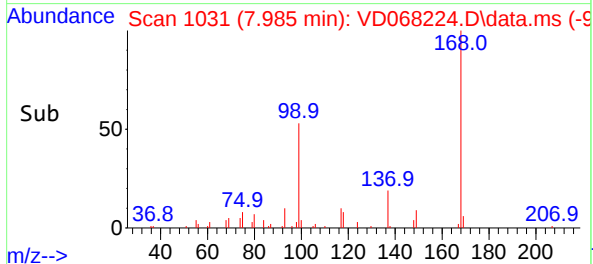
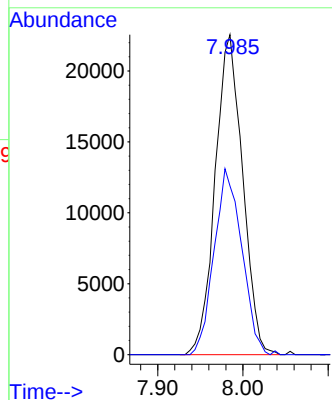
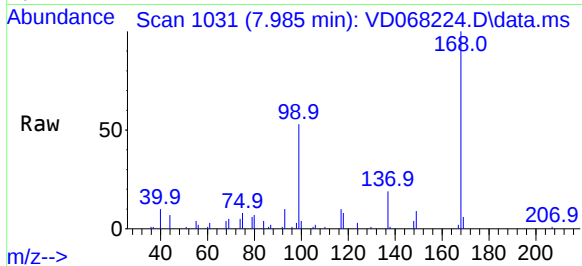




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

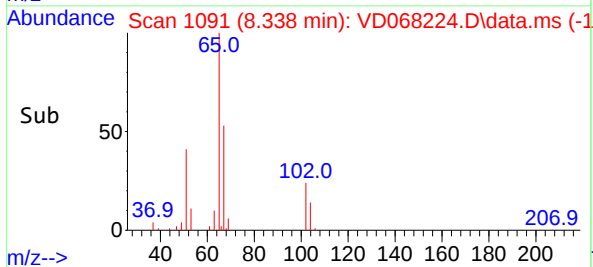
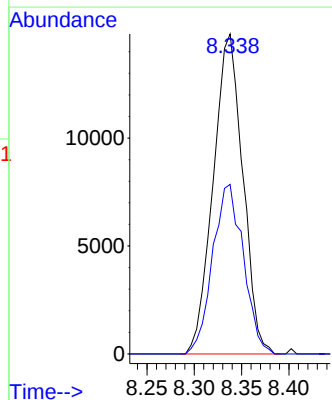
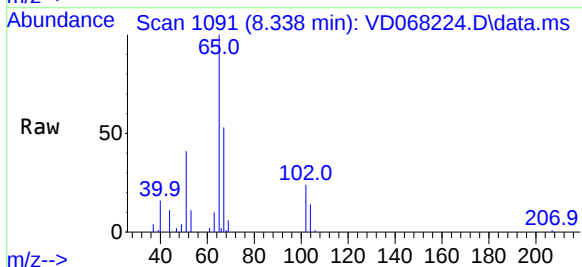
Instrument :
MSVOA_D
ClientSampleId :
VNJ-201

Tgt Ion:168 Resp: 50534
Ion Ratio Lower Upper
168 100
99 52.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 66.56 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

Tgt Ion: 65 Resp: 32175
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0

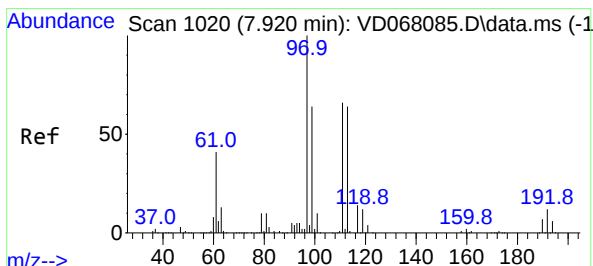
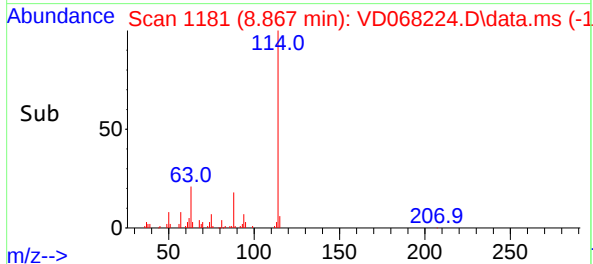
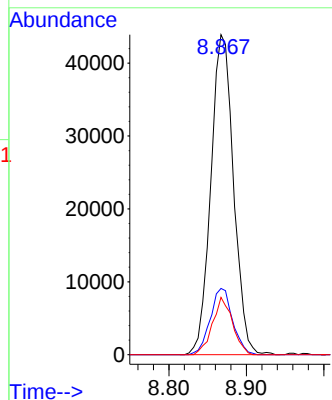
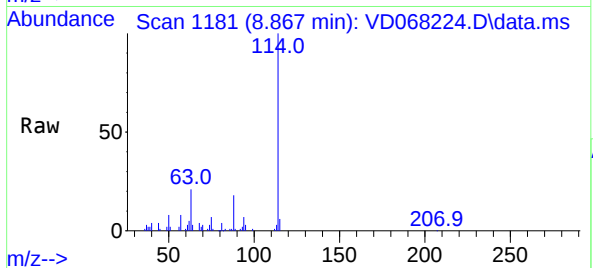




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

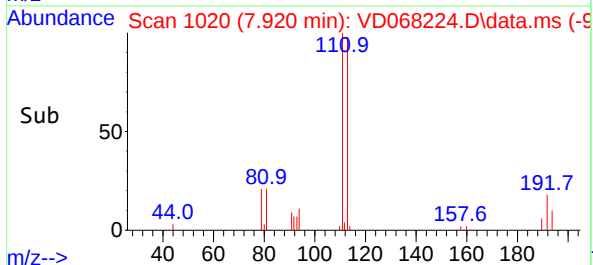
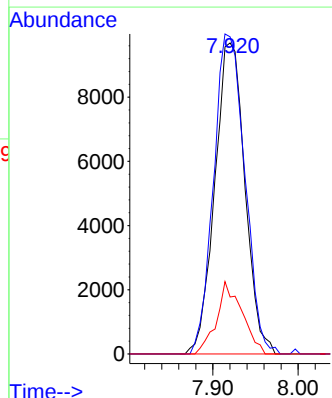
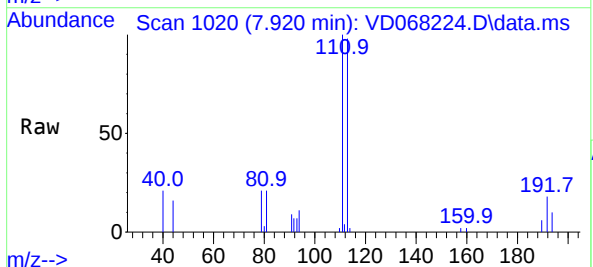
Instrument :
MSVOA_D
ClientSampled :
VNJ-201

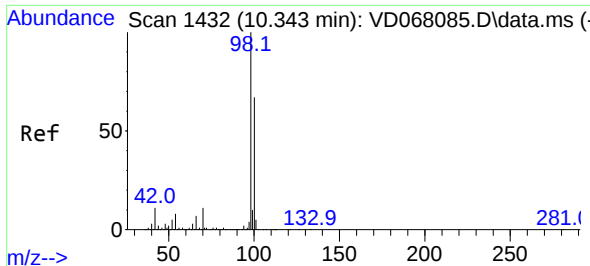
Tgt Ion:	114	Resp:	89418
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	34.8
88	17.9	0.0	31.6



#35
Dibromofluoromethane
Concen: 48.14 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

Tgt Ion:	113	Resp:	23799
Ion Ratio	Lower	Upper	
113	100		
111	106.2	81.4	122.0
192	19.6	16.1	24.1

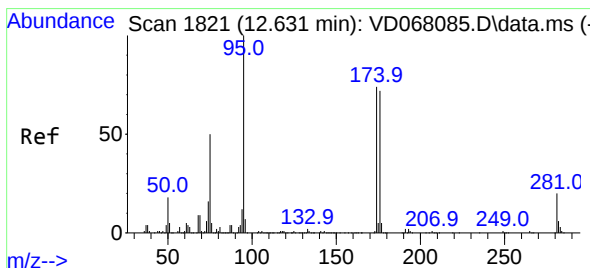
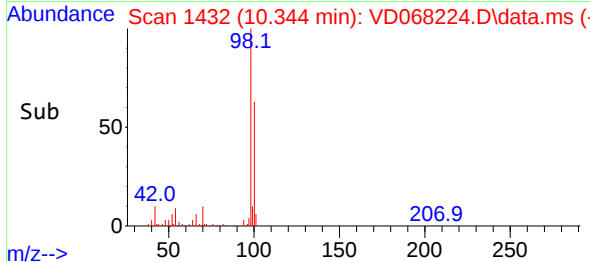
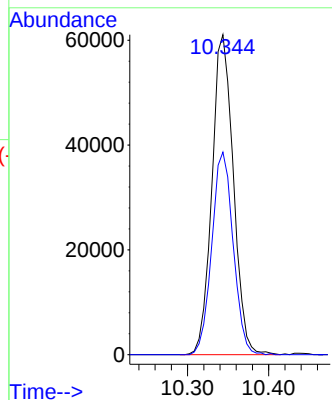
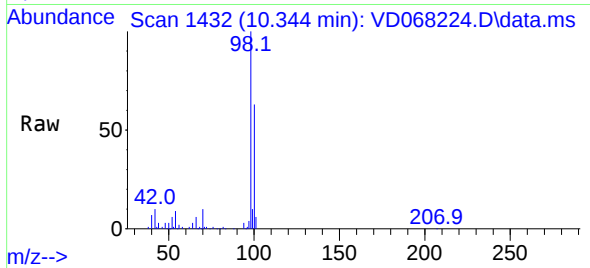




#50
Toluene-d8
Concen: 56.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

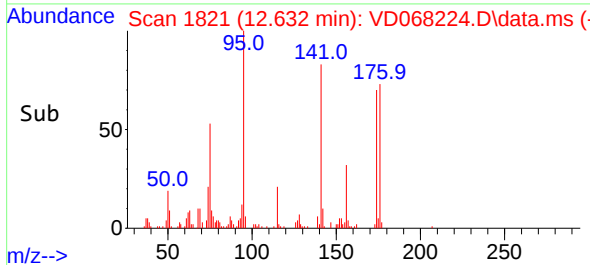
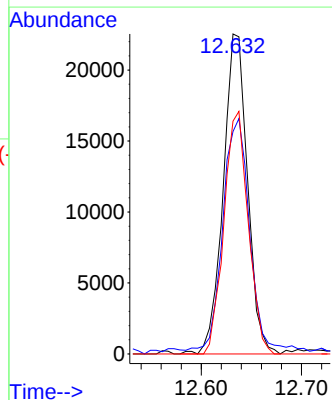
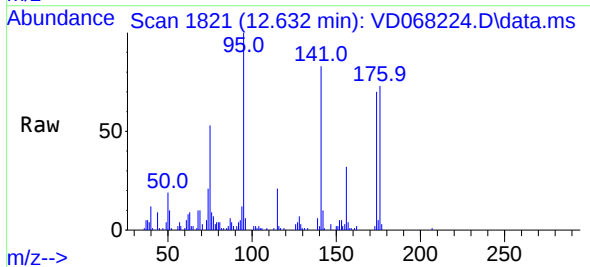
Instrument :
MSVOA_D
ClientSampleID :
VNJ-201

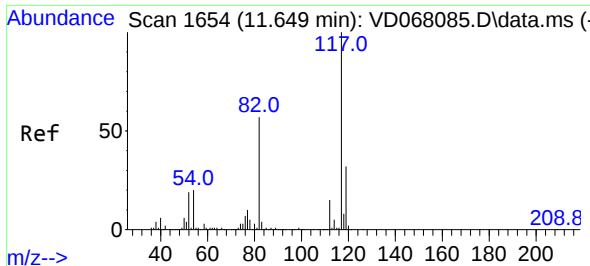
Tgt Ion: 98 Resp: 111974
Ion Ratio Lower Upper
98 100
100 63.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

Tgt Ion: 95 Resp: 37932
Ion Ratio Lower Upper
95 100
174 81.2 0.0 172.4
176 75.7 0.0 168.4

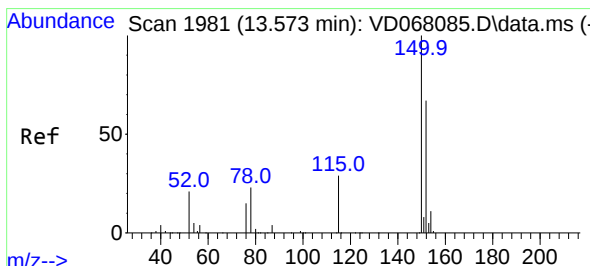
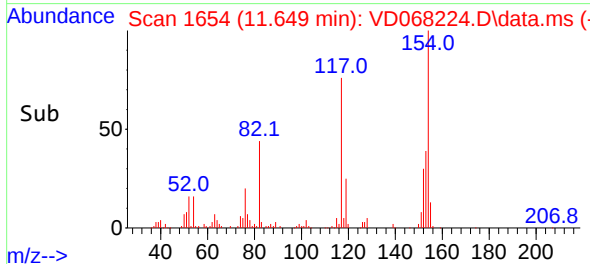
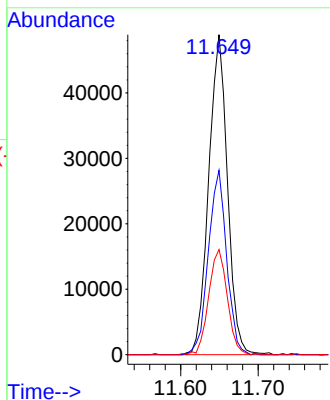
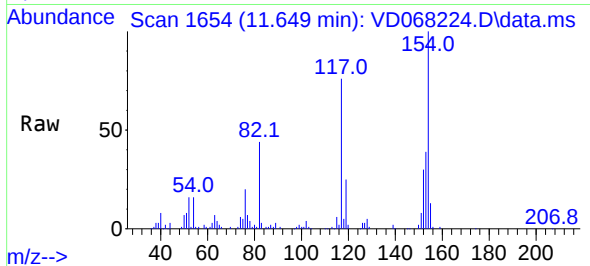




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068224.D
Acq: 28 Jan 2021 15:39

Instrument :
MSVOA_D
ClientSampleId :
VNJ-201

Tgt Ion:	117	Resp:	82235
Ion	Ratio	Lower	Upper
117	100		
82	57.6	41.4	62.0
119	32.9	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: VD068224.D
Acq: 28 Jan 2021 15:39

Tgt Ion:	152	Resp:	65631
Ion	Ratio	Lower	Upper
152	100		
115	83.6	28.9	86.8
150	95.8	0.0	344.4

