

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068857.D
 Acq On : 15 Apr 2021 15:43
 Operator : VA/SY
 Sample : M2042-06
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)

Quant Time: Apr 16 01:09:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

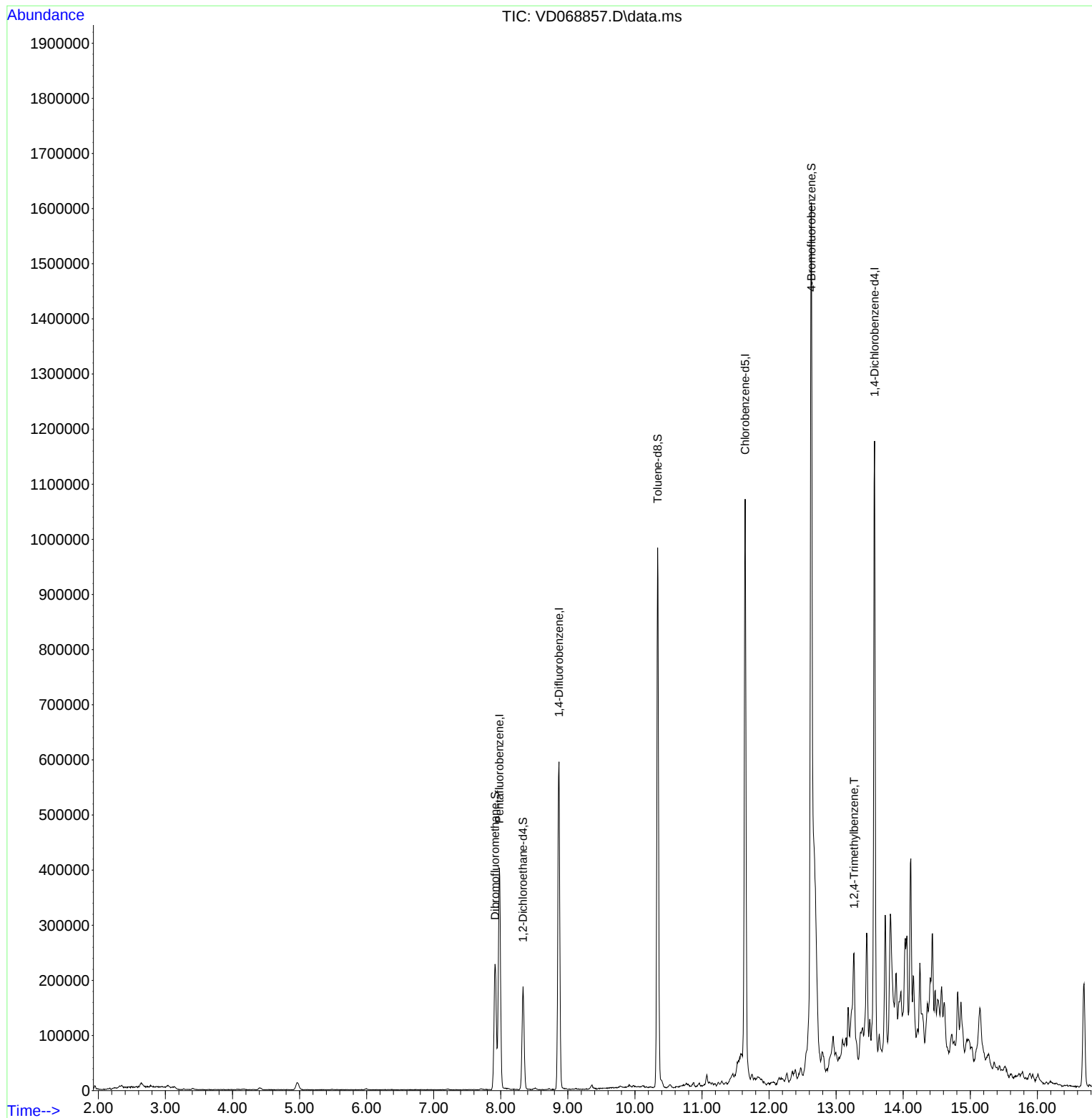
Internal Standards						
1) Pentafluorobenzene	7.979	168	314679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	613381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	315190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144320	43.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.80%
35) Dibromofluoromethane	7.914	113	171097	48.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.48%
50) Toluene-d8	10.338	98	686783	51.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.632	95	292295	65.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.56%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.267	105	84157	4.33	ug/l	Qvalue 100

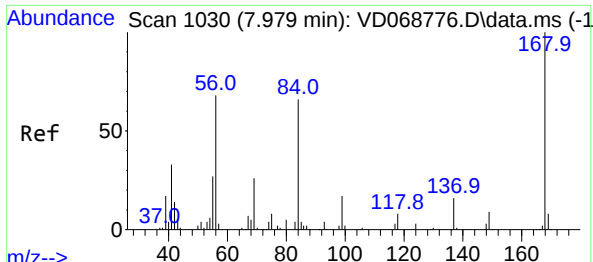
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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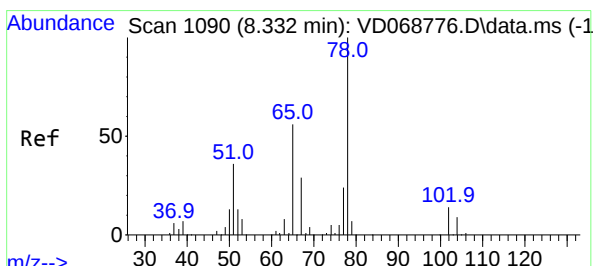
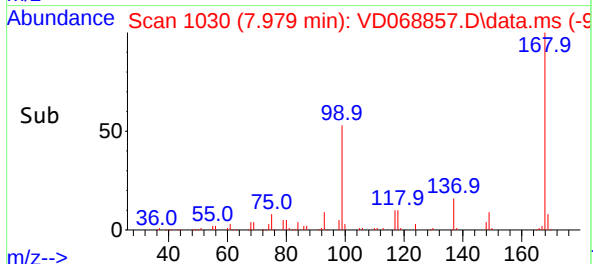
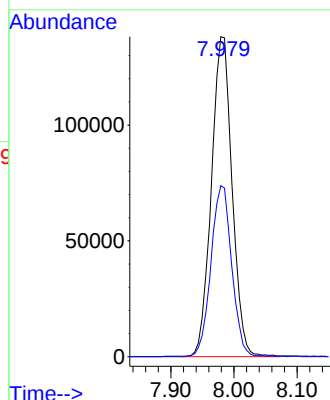
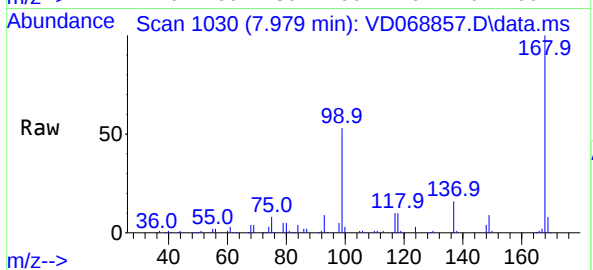




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

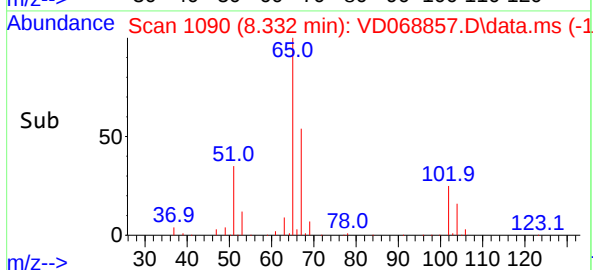
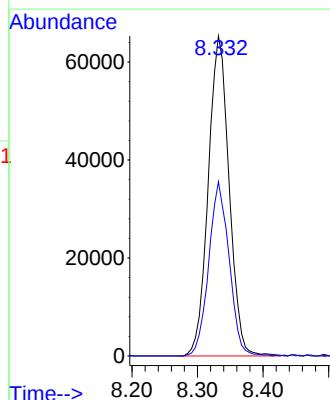
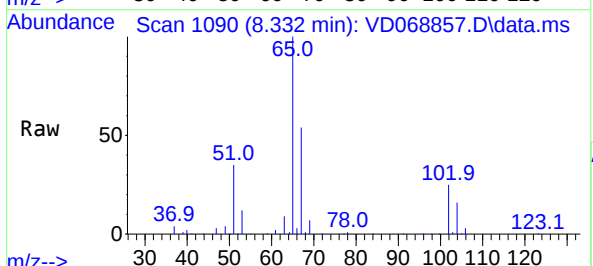
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

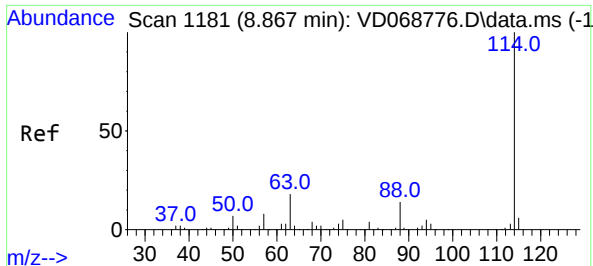
Tgt Ion:168 Resp: 314679
Ion Ratio Lower Upper
168 100
99 53.3 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 43.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

Tgt Ion: 65 Resp: 144320
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0



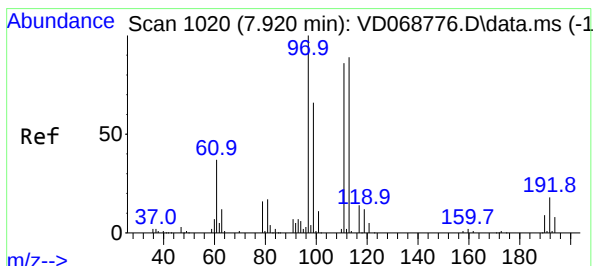
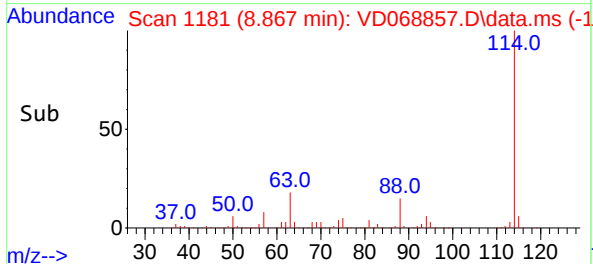
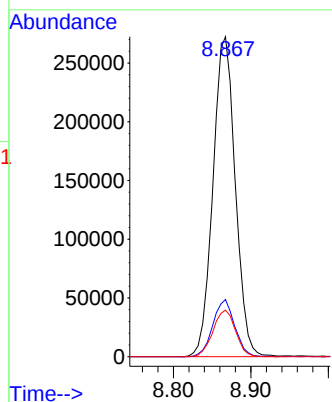
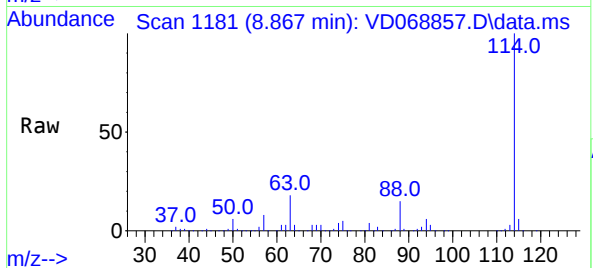


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

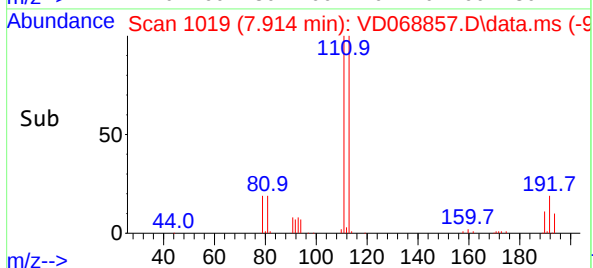
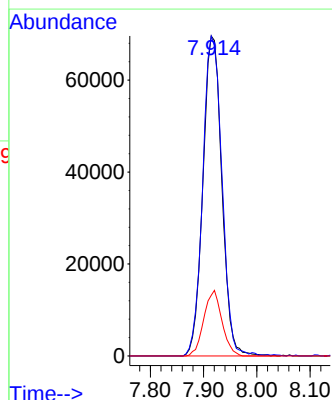
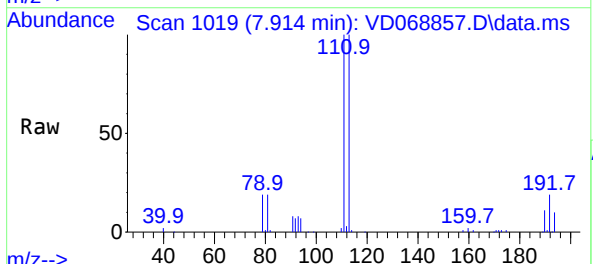
Tgt Ion:114 Resp: 545238
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 14.6 0.0 29.4

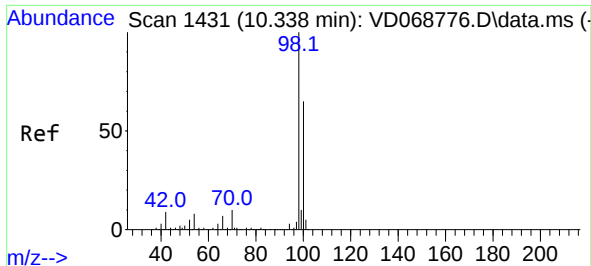


#35

Dibromofluoromethane
Concen: 48.24 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

Tgt Ion:113 Resp: 171097
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 19.7 15.1 22.7

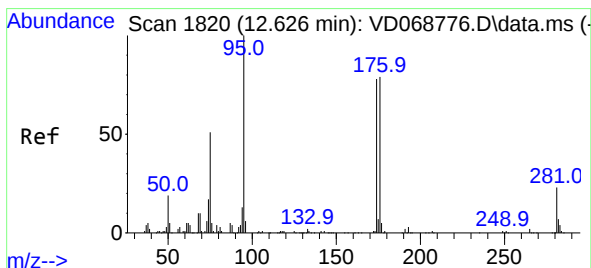
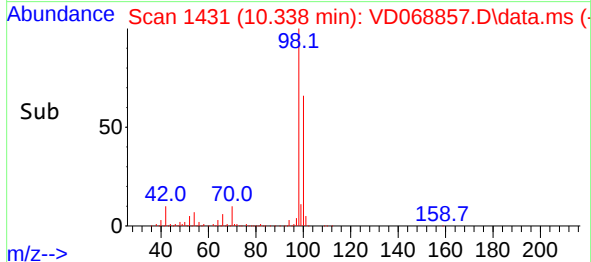
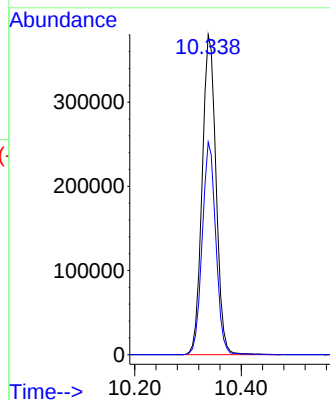
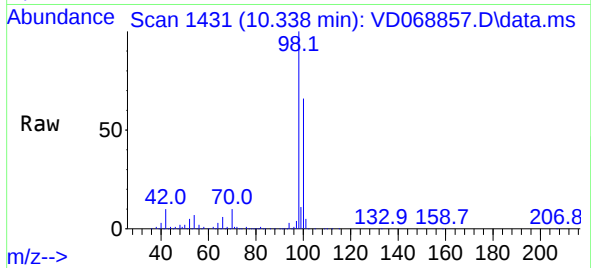




#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

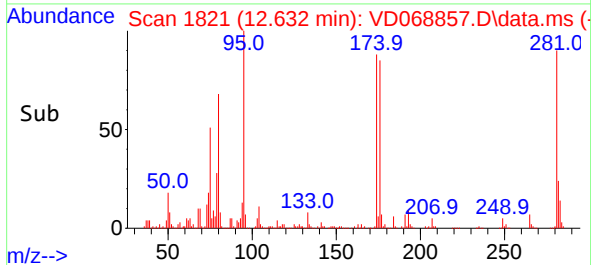
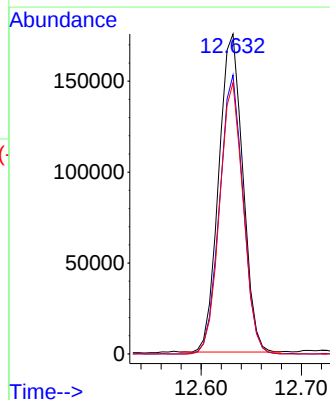
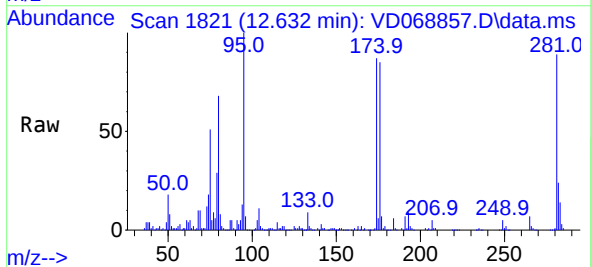
Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(61-62)

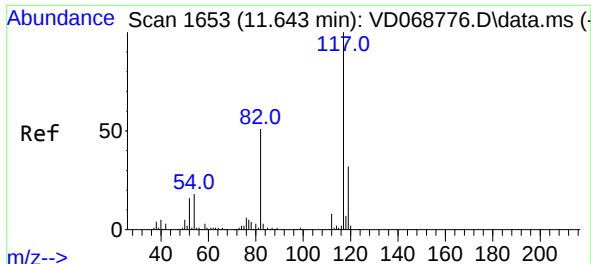
Tgt Ion: 98 Resp: 686783
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

Tgt Ion: 95 Resp: 292295
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.0
176 83.1 0.0 160.2

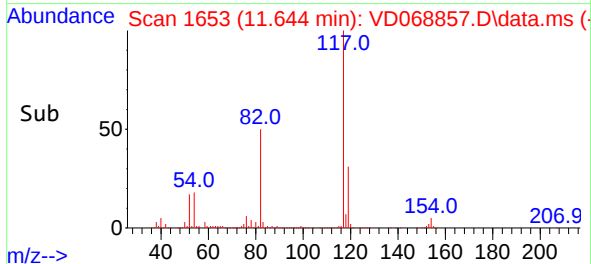
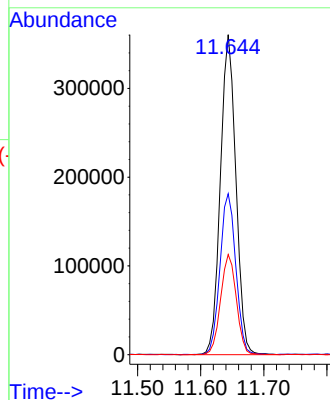
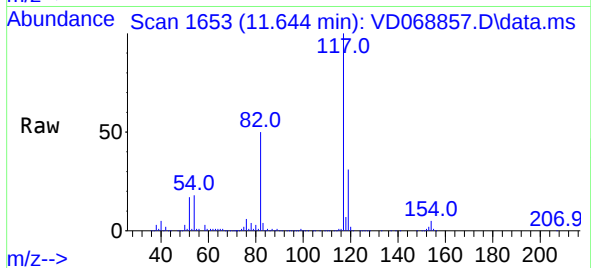




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

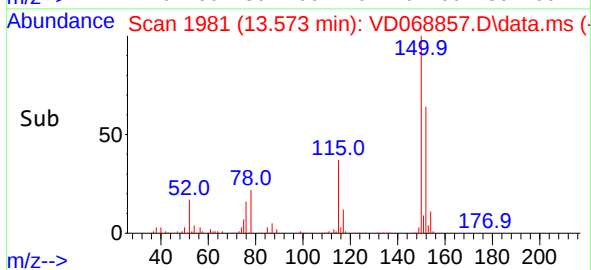
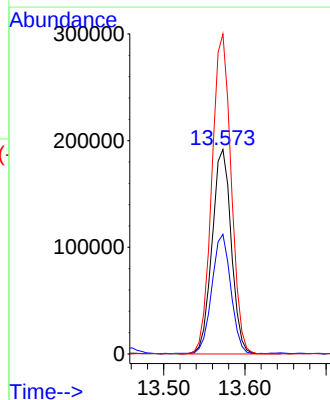
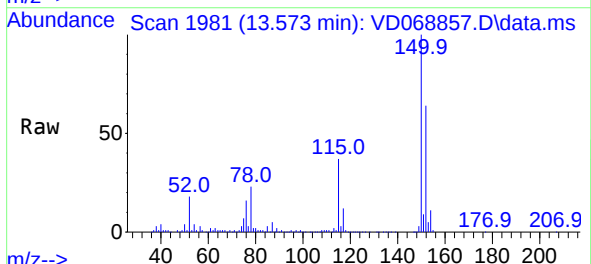
Instrument :
MSVOA_D
ClientSampleId :
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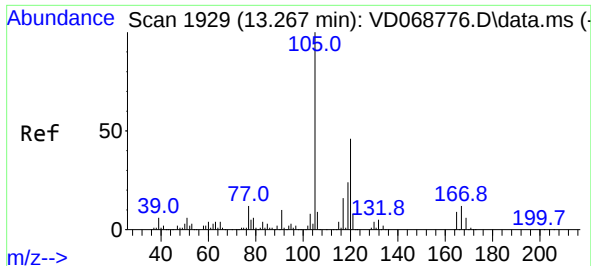
Tgt Ion:	117	Resp:	613381
Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.5	65.3
119	31.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068857.D
Acq: 15 Apr 2021 15:43

Tgt Ion:	152	Resp:	315190
Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	87.8
150	156.3	0.0	347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 4.33 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: VD068857.D
 Acq: 15 Apr 2021 15:43

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB12A(61-62)

Tgt Ion:105 Resp: 84157
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

