

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068520.D
 Acq On : 04 Mar 2021 12:48
 Operator : VA/SY
 Sample : M1552-02
 Misc : 6.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24368

Quant Time: Mar 05 00:00:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

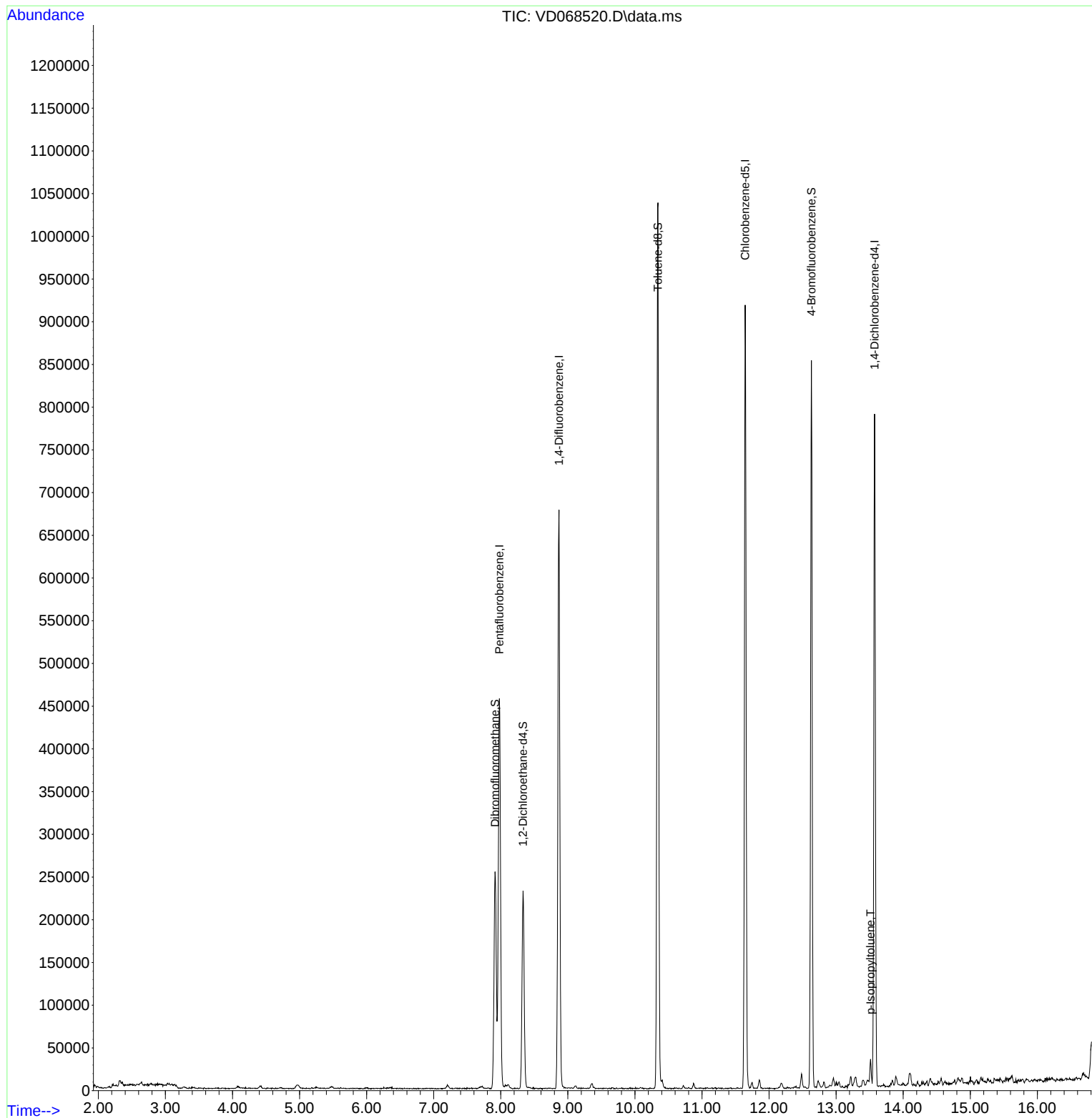
Internal Standards						
1) Pentafluorobenzene	7.979	168	357825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	616380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	553165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181103	50.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.32%
35) Dibromofluoromethane	7.914	113	186656	50.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.54%
50) Toluene-d8	10.344	98	740233	50.05	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.10%
62) 4-Bromofluorobenzene	12.632	95	220086	46.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.34%
Target Compounds						
86) p-Isopropyltoluene	13.514	119	14984	1.05	ug/l	Qvalue 94

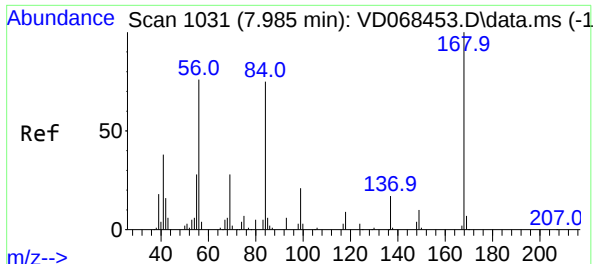
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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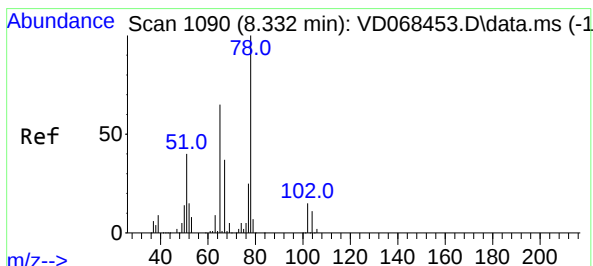
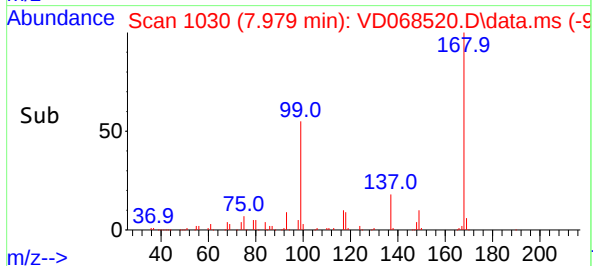
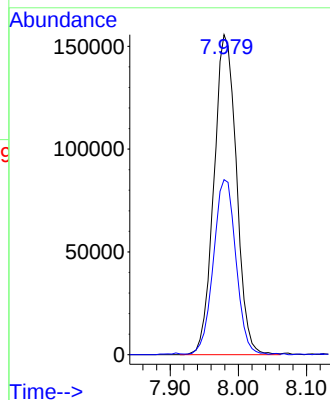
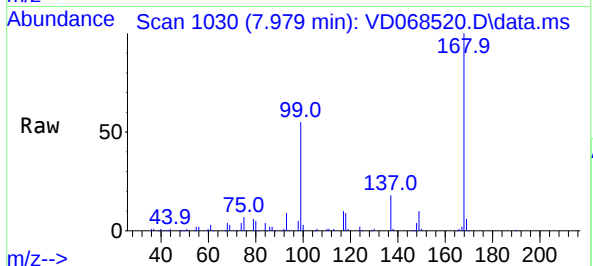




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

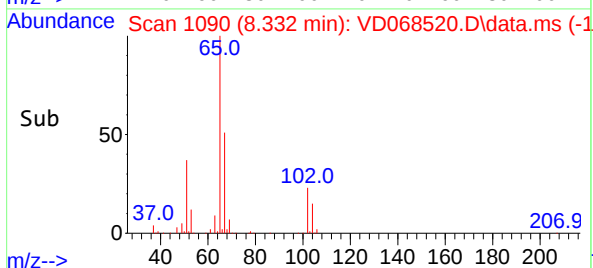
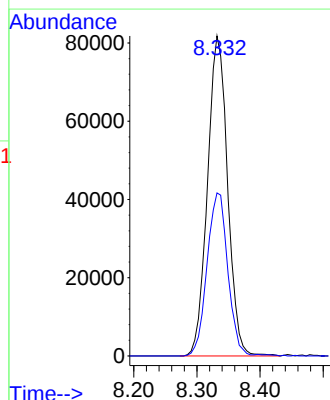
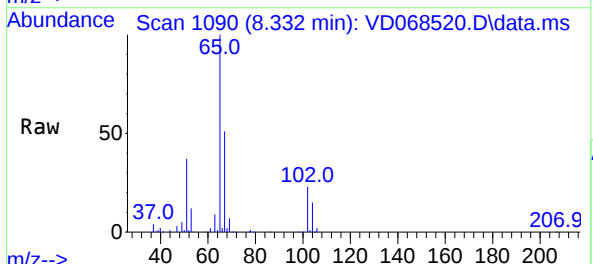
Instrument :
MSVOA_D
ClientSampleId :
24368

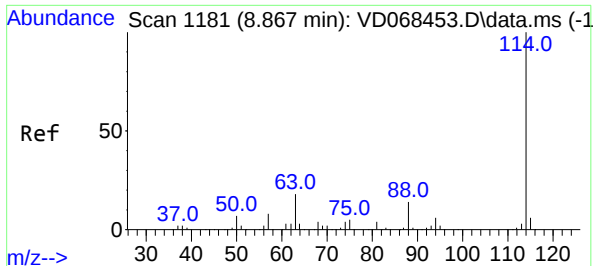
Tgt Ion:168 Resp: 357825
Ion Ratio Lower Upper
168 100
99 54.5 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

Tgt Ion: 65 Resp: 181103
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



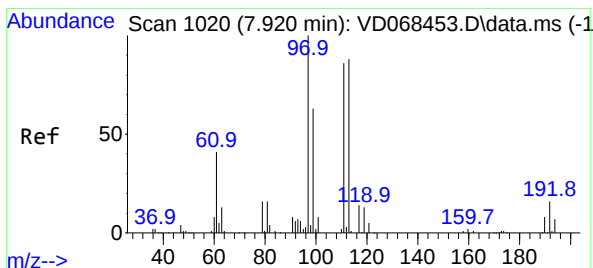
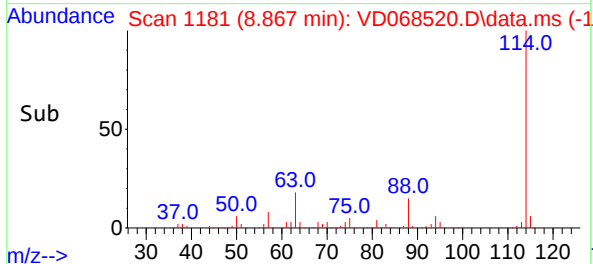
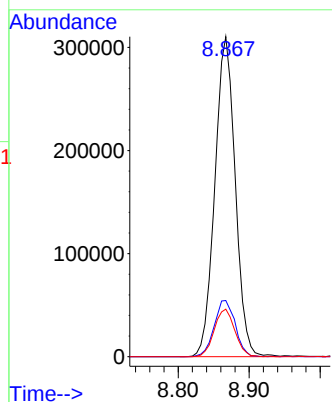
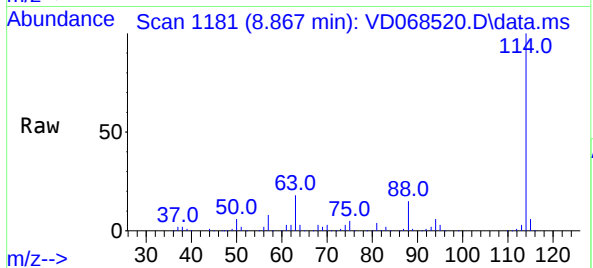


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

Instrument :
MSVOA_D
ClientSampled :
24368

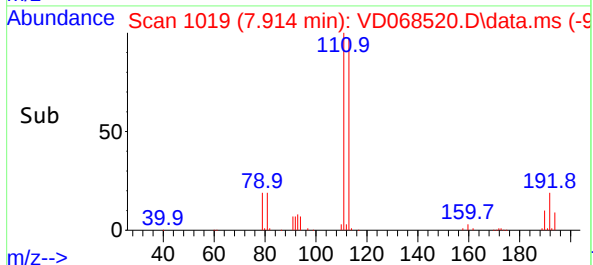
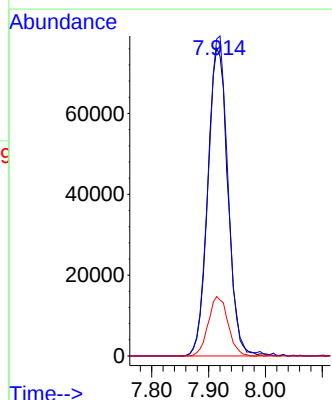
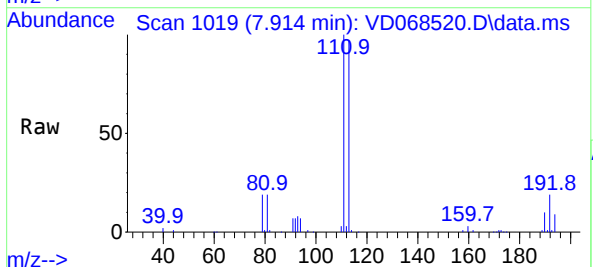
Tgt Ion:114 Resp: 616380
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 14.9 0.0 31.6

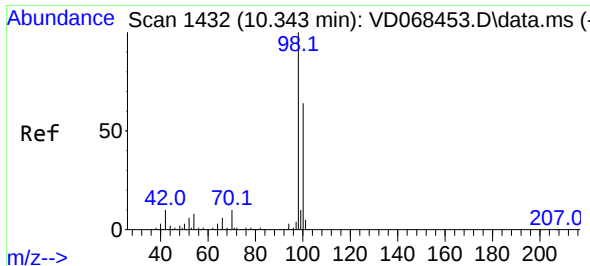


#35

Dibromofluoromethane
Concen: 50.27 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

Tgt Ion:113 Resp: 186656
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.9 16.1 24.1

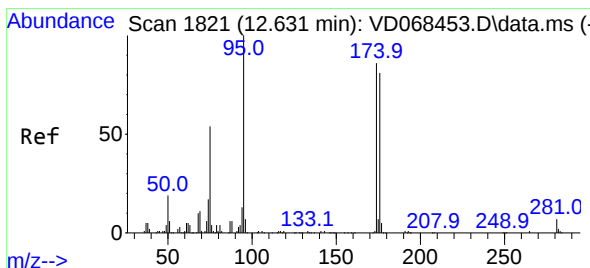
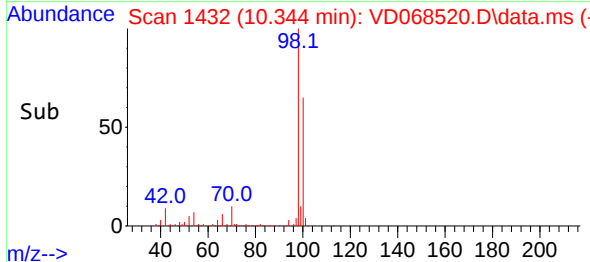
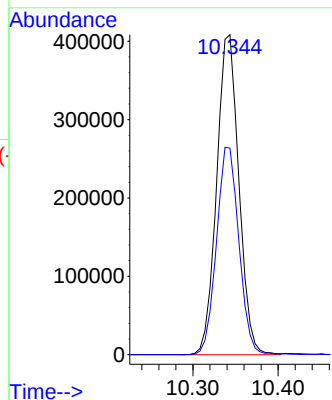
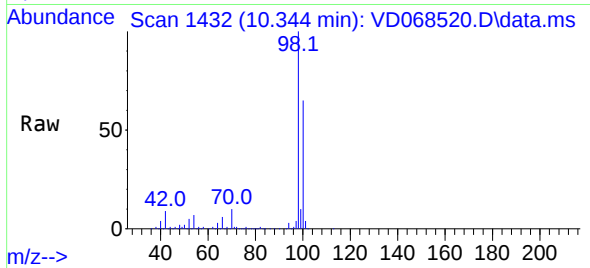




#50
Toluene-d8
Concen: 50.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

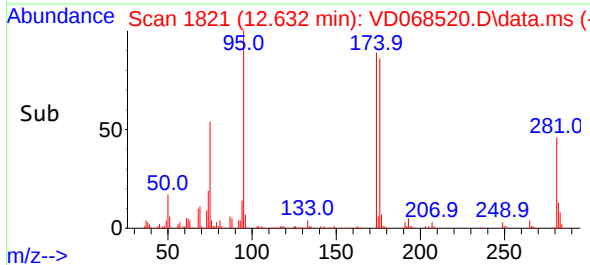
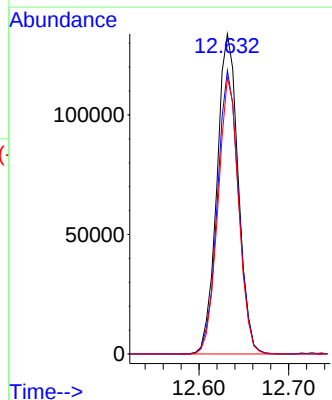
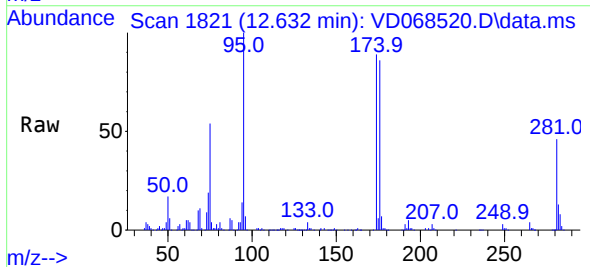
Instrument :
MSVOA_D
ClientSampleId :
24368

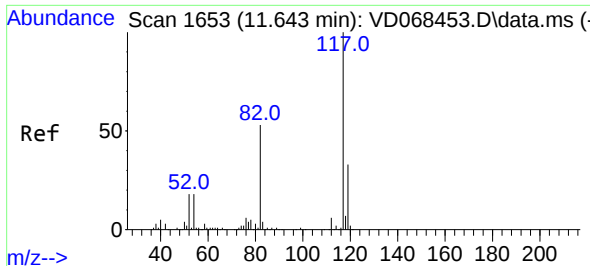
Tgt Ion: 98 Resp: 740233
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

Tgt Ion: 95 Resp: 220086
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.4
176 83.9 0.0 168.4

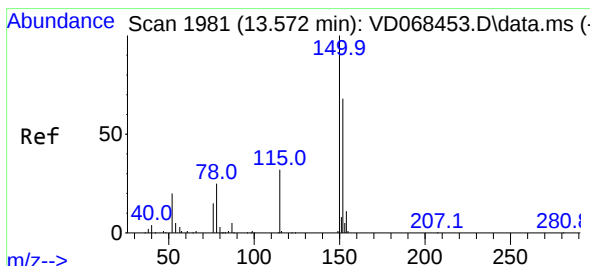
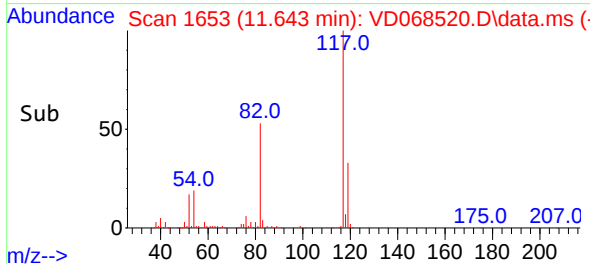
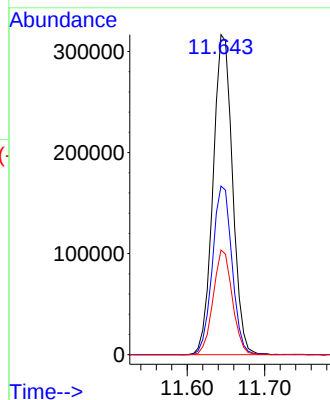
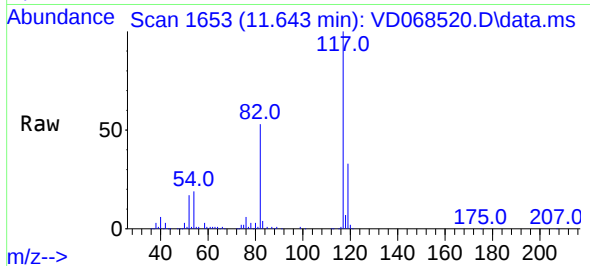




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

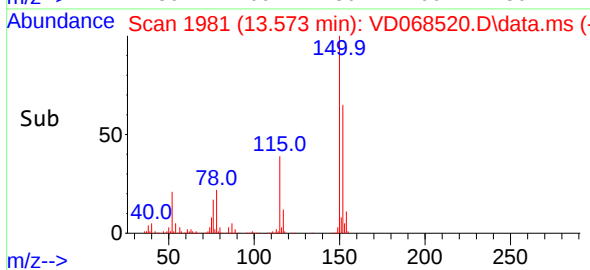
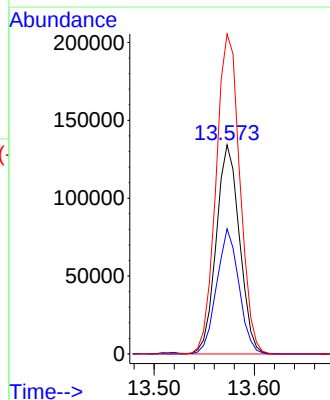
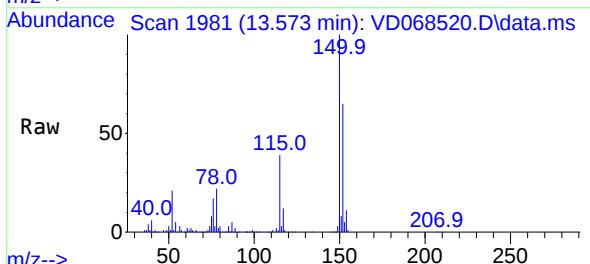
Instrument :
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ClientSampleId :
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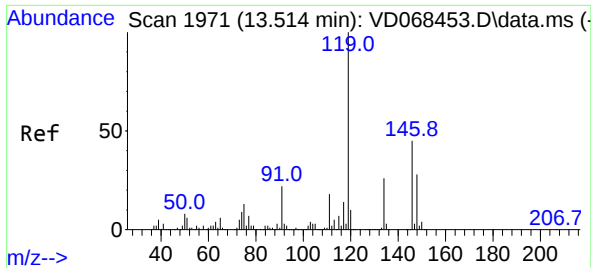
Tgt Ion:	117	Resp:	553165
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.4	62.0
119	32.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068520.D
Acq: 04 Mar 2021 12:48

Tgt Ion:	152	Resp:	215812
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.9	86.8
150	156.9	0.0	344.4





#86
 p-Isopropyltoluene
 Concen: 1.05 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068520.D
 Acq: 04 Mar 2021 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:119 Resp: 14984

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.9	38.7
91	28.5	11.7	35.0

