

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067199.D
 Acq On : 08 Oct 2020 17:21
 Operator : VA/SY
 Sample : L4311-07
 Misc : 6.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B10-100720-16-17

Quant Time: Oct 09 03:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	391319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	625266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	581648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	187817	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	7.91	113	201960	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.34	98	738637	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.64	95	246893	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

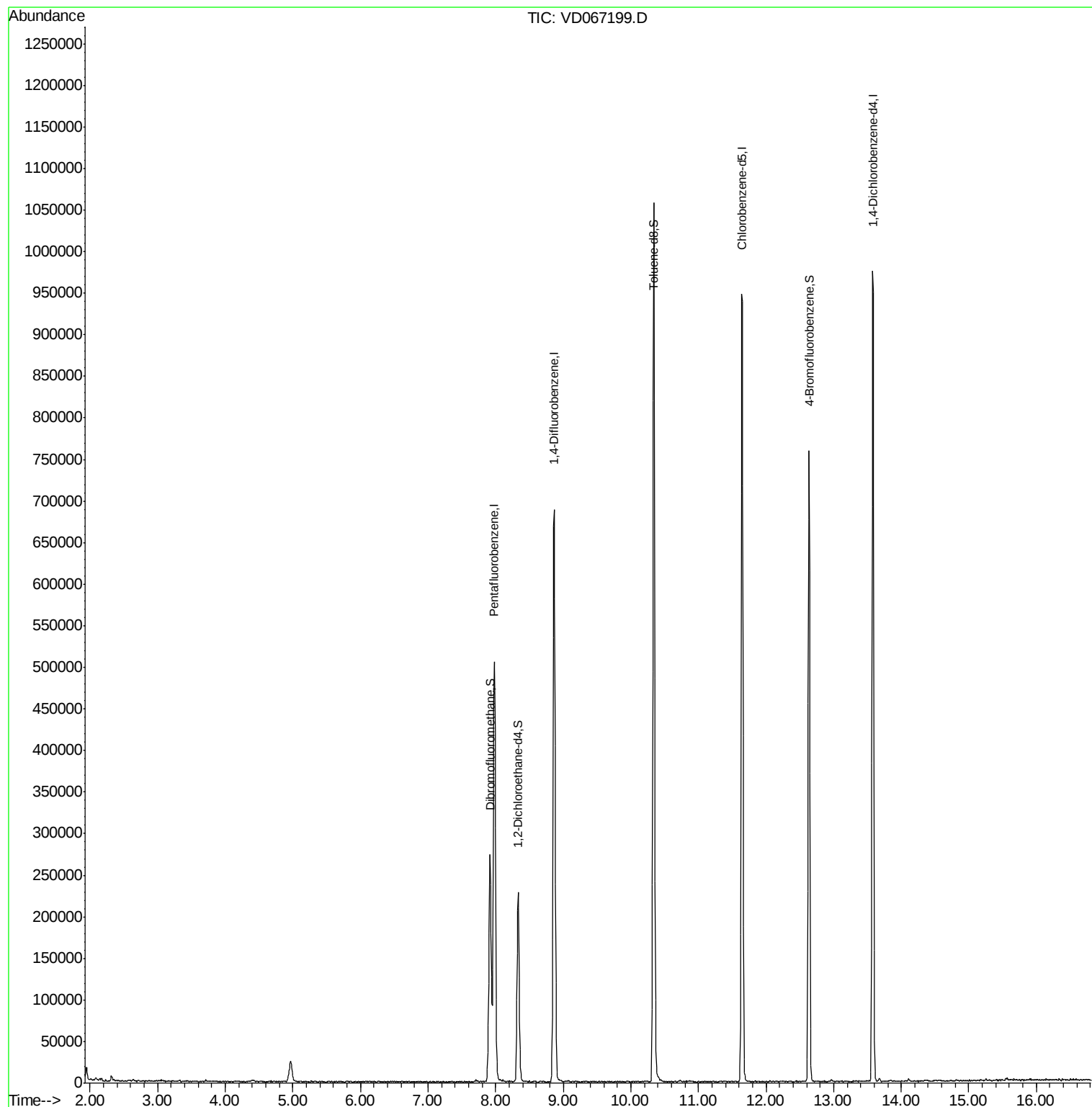
Target Compounds	Qvalue
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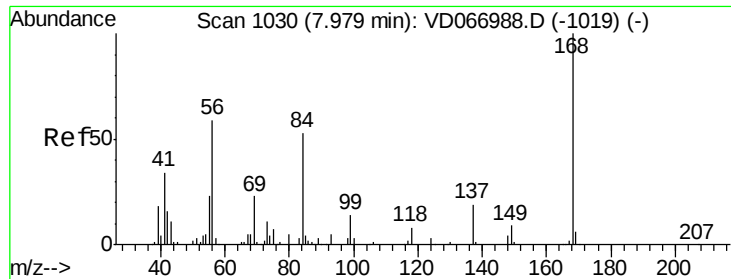
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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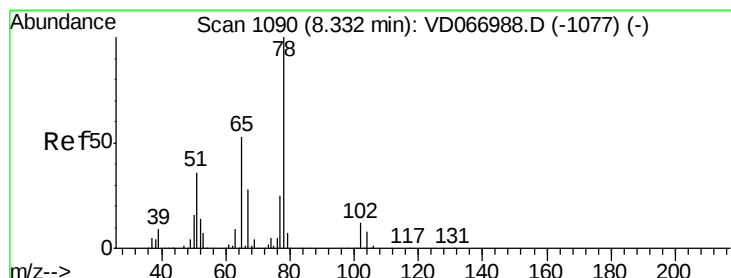
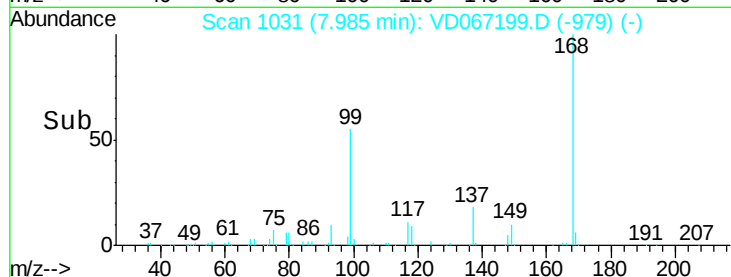
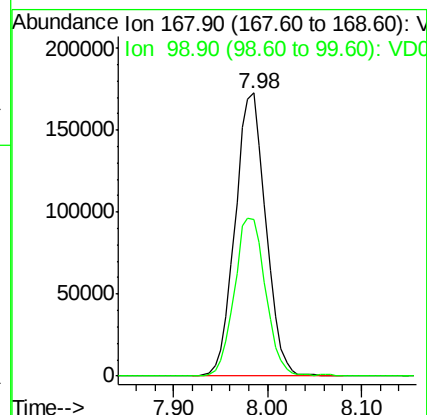
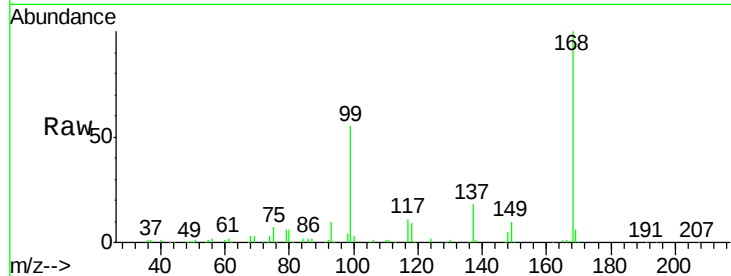




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

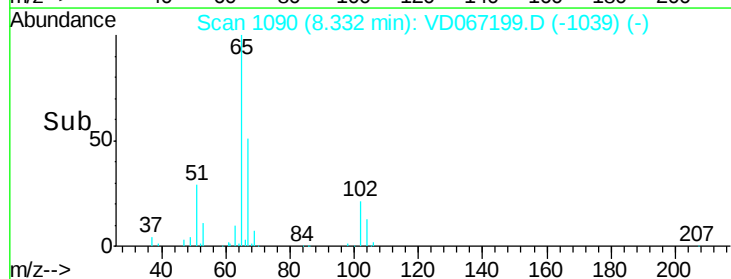
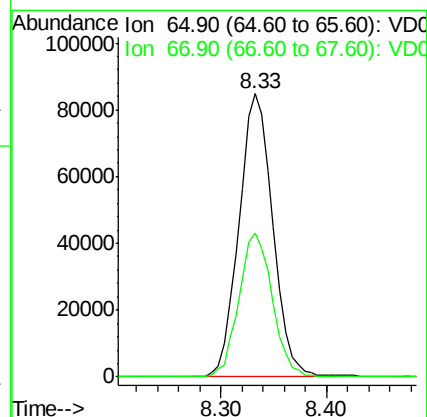
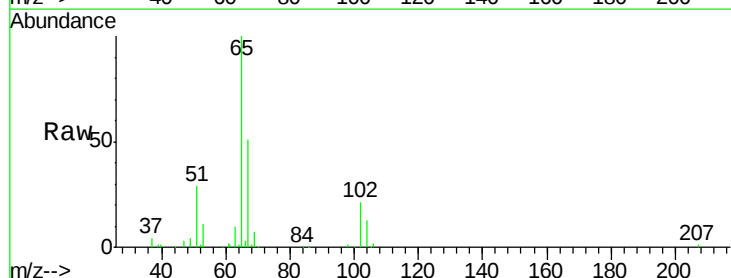
Instrument :
MSVOA_D
ClientSampleId :
PAV-B10-100720-16-17

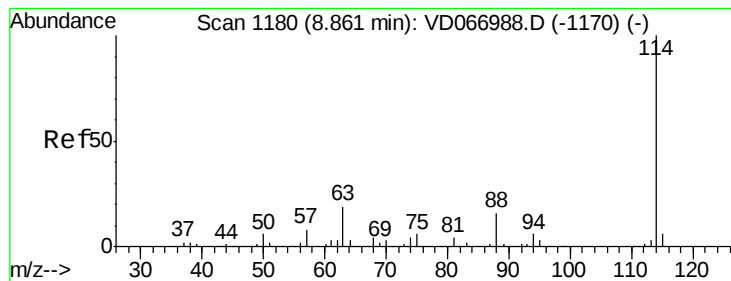
Tot Ion:168 Resp: 391319
Ion Ratio Lower Upper
168 100
99 55.2 44.1 66.1



#33
1,2-Dichloroethane-d4
Concen: 49.830 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

Tgt Ion: 65 Resp: 187817
Ion Ratio Lower Upper
65 100
67 50.5 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067199.D

Acq: 08 Oct 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

PAV-B10-100720-16-17

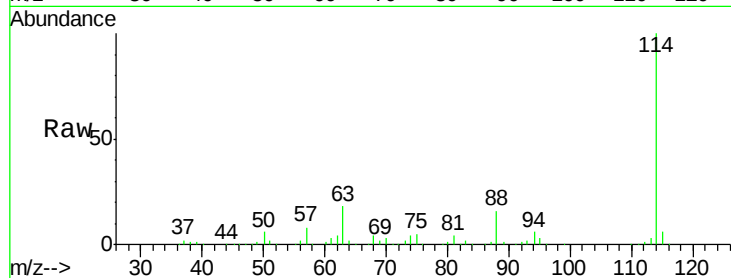
Tot Ion:114 Resp: 625266

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

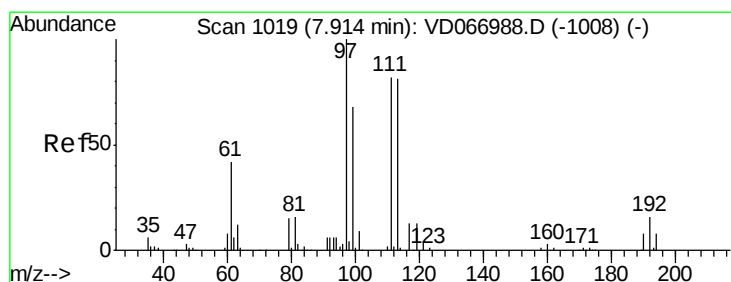
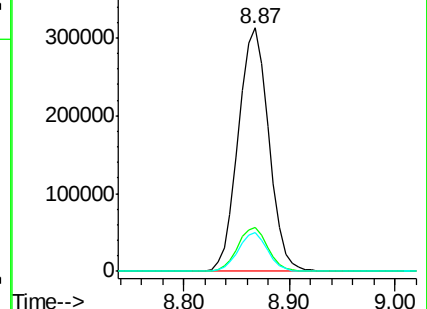
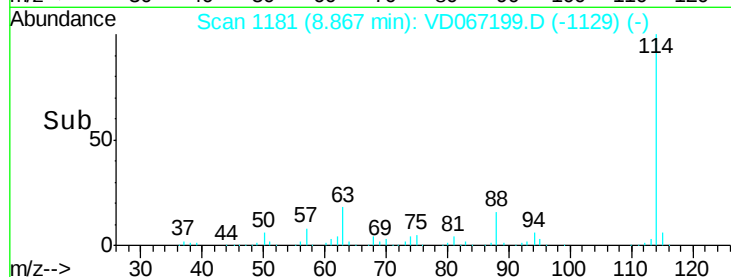
88 15.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 49.337 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067199.D

Acq: 08 Oct 2020 17:21

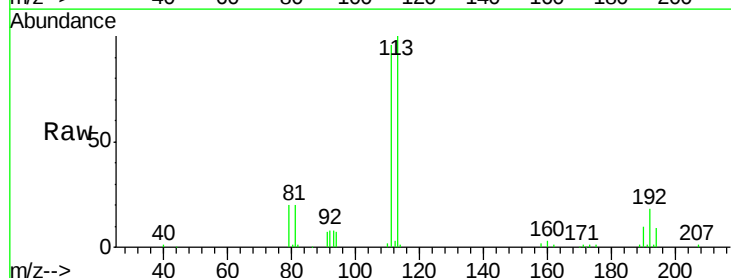
Tgt Ion:113 Resp: 201960

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

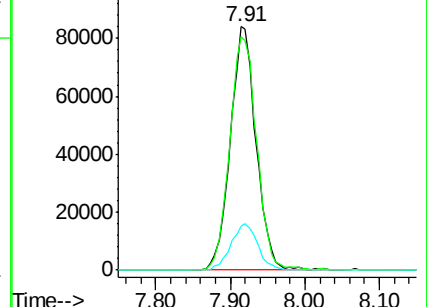
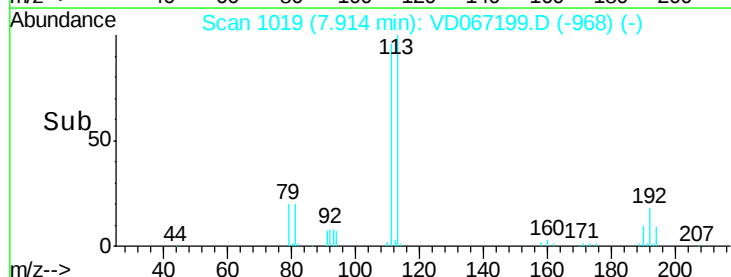
192 19.7 15.5 23.3

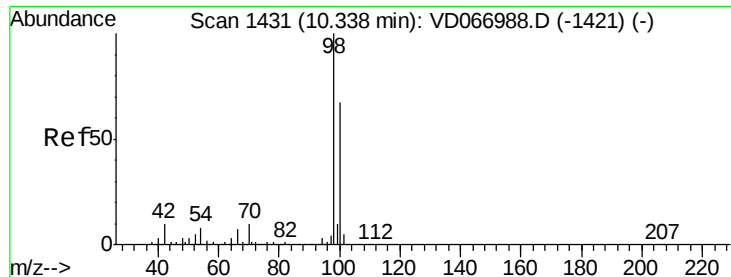


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

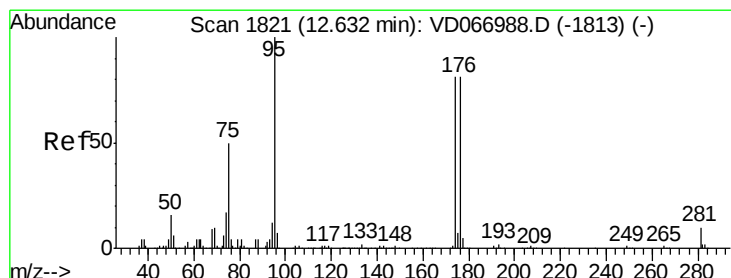
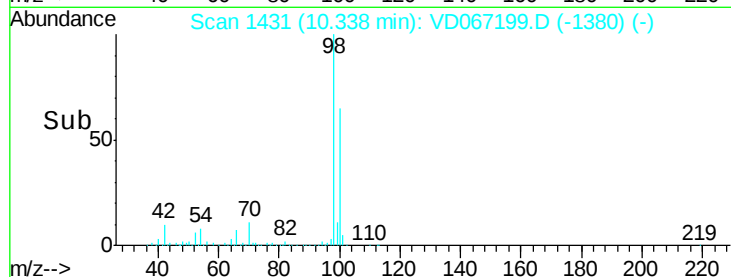
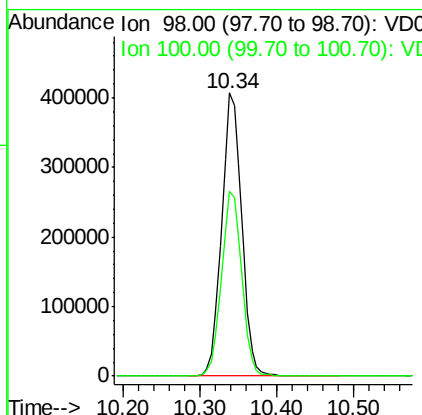
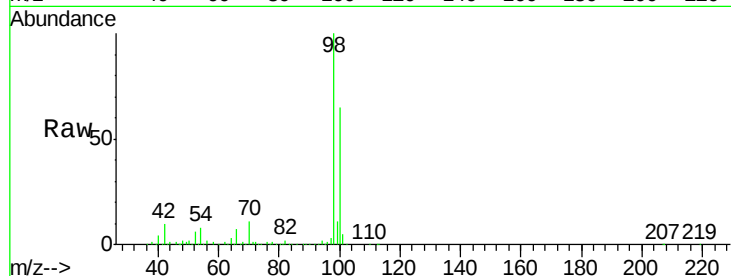




#50
Toluene-d8
Concen: 49.519 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

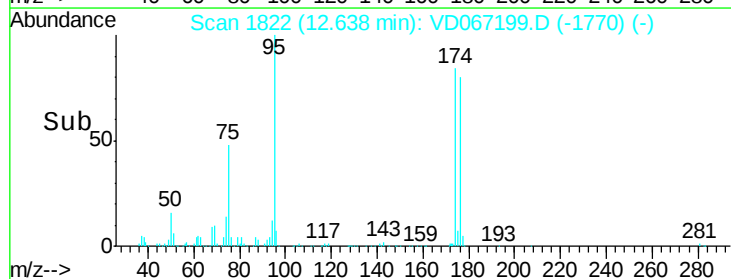
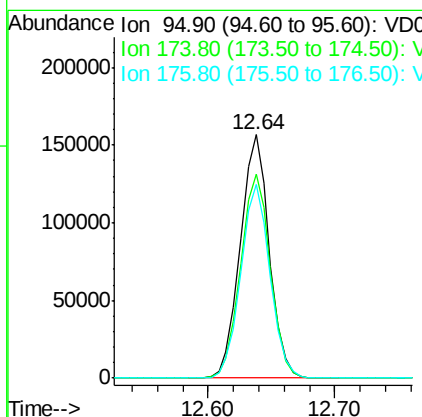
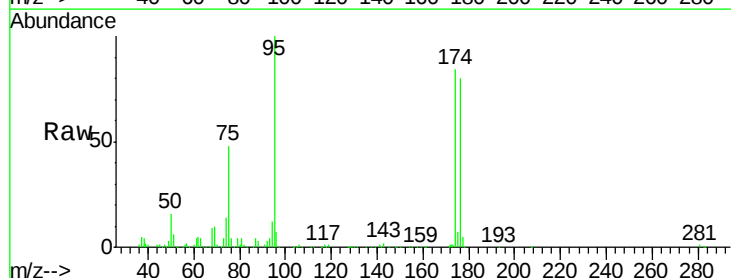
Instrument :
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PAV-B10-100720-16-17

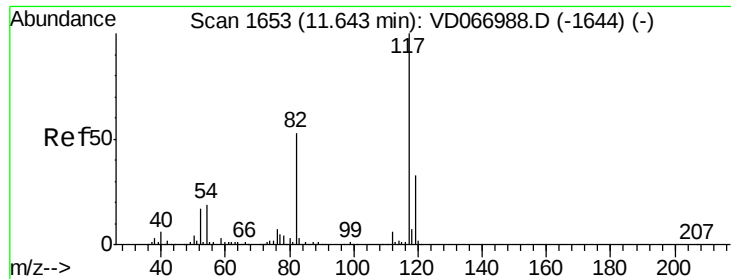
Tot Ion: 98 Resp: 738637
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

Tgt Ion: 95 Resp: 246893
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 80.6 0.0 162.4

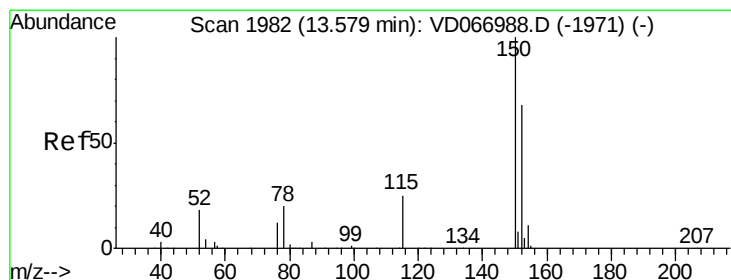
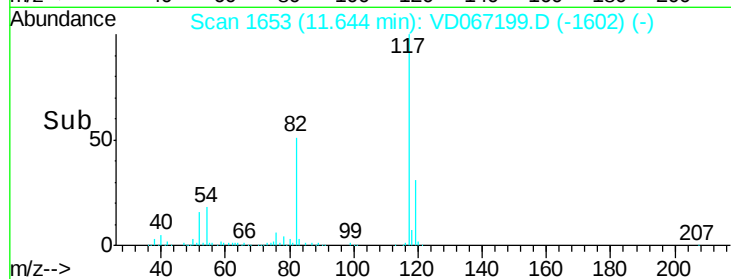
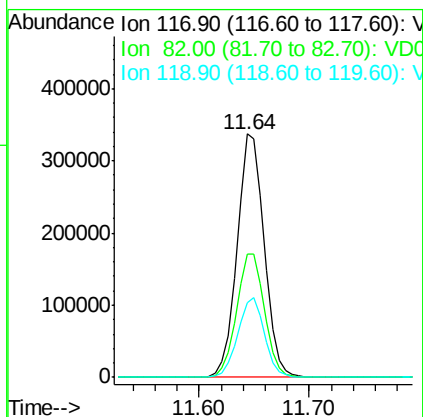
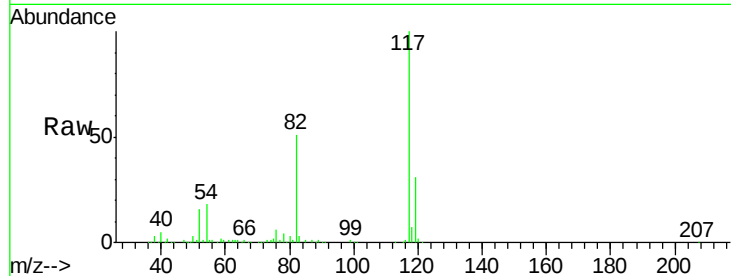




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

Instrument :
MSVOA_D
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PAV-B10-100720-16-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.6	63.8
119	30.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067199.D
Acq: 08 Oct 2020 17:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.8
150	158.4	0.0	344.8

