

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082720\
 Data File : VD066440.D
 Acq On : 27 Aug 2020 16:47
 Operator : VA/SY
 Sample : L3818-03
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AC-3

Quant Time: Aug 28 02:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	194389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	265986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	248498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128845	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102781	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.91	113	84123	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.34	98	316017	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.63	95	104870	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

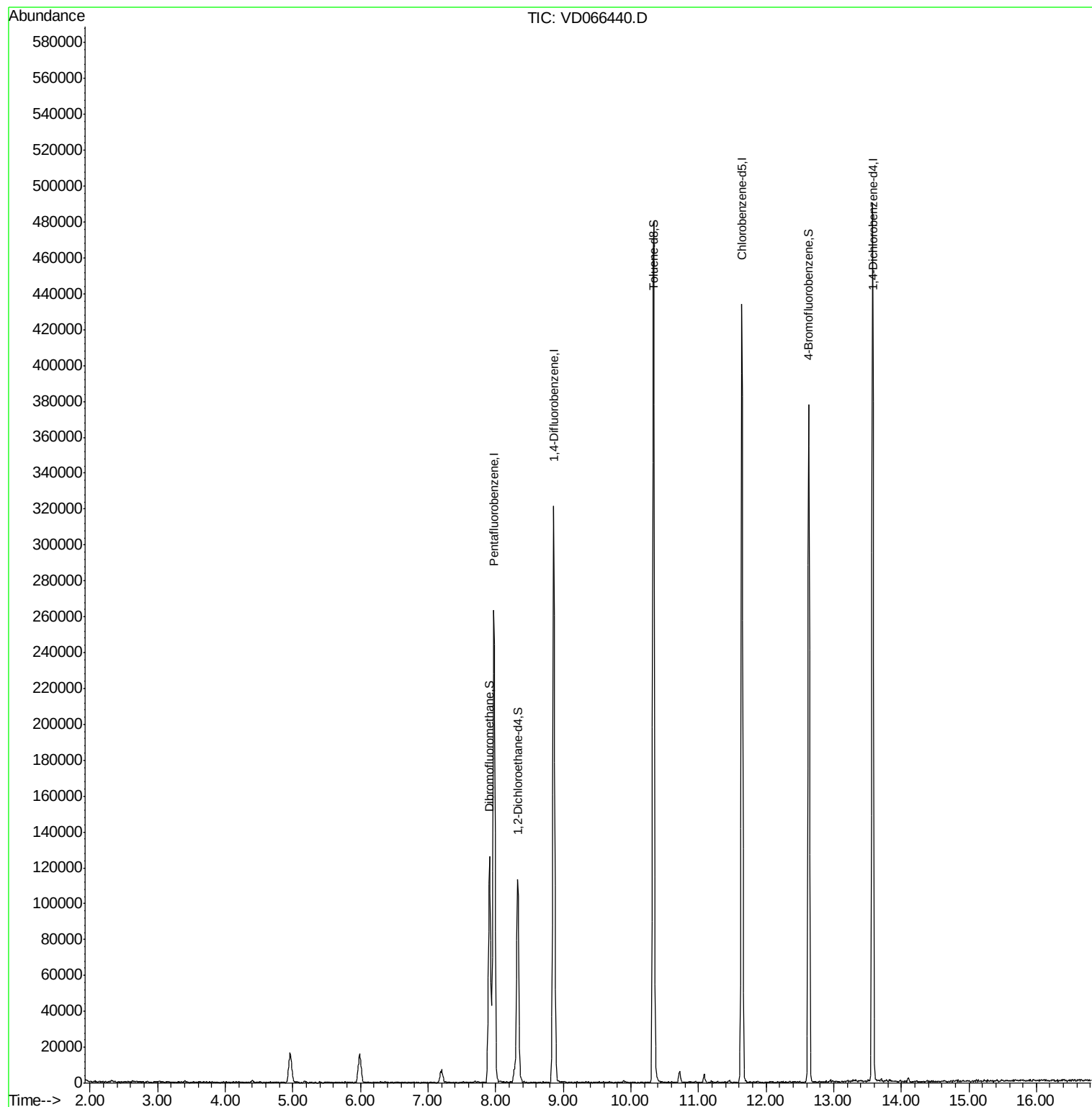
Target Compounds	Qvalue

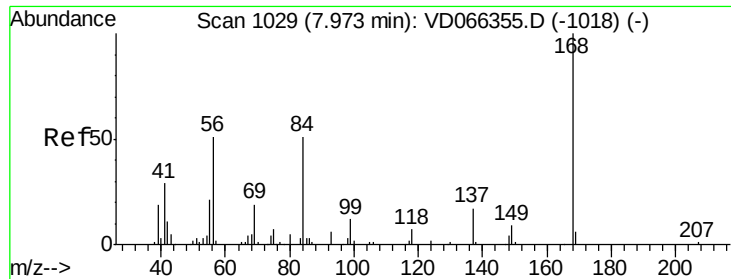
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066440.D

Acq: 27 Aug 2020 16:47

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MSVOA_D

ClientSampleId :

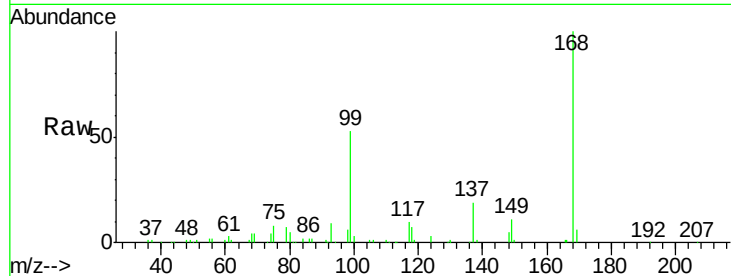
AC-3

Tot Ion:168 Resp: 194389

Ion Ratio Lower Upper

168 100

99 53.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

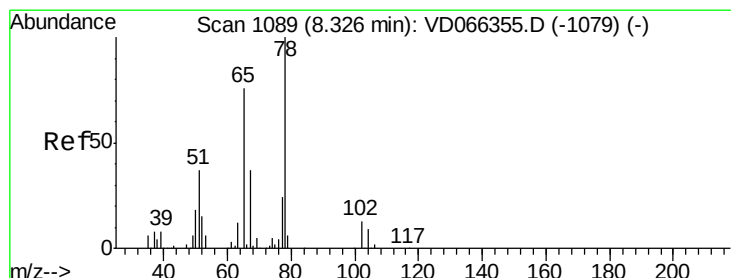
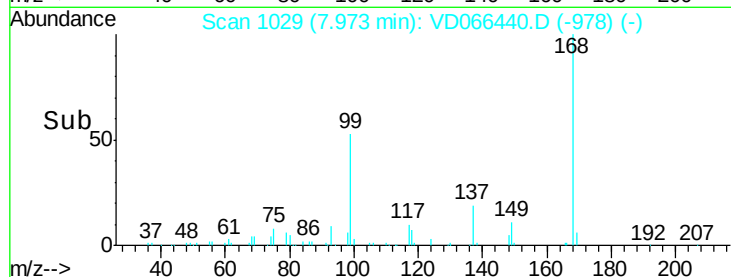
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.931 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066440.D

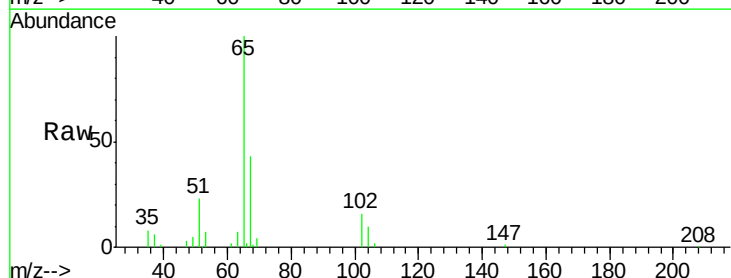
Acq: 27 Aug 2020 16:47

Tgt Ion: 65 Resp: 102781

Ion Ratio Lower Upper

65 100

67 45.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

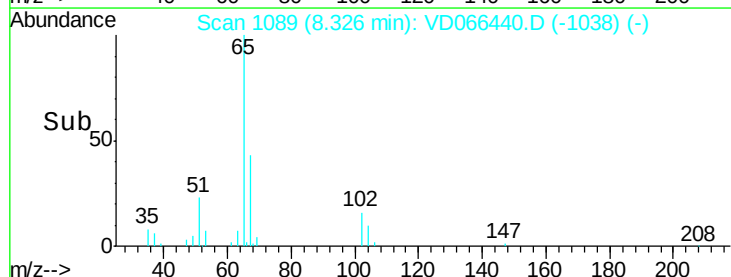
20000

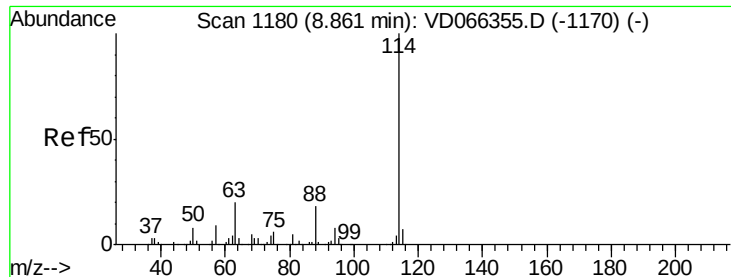
10000

0

8.25 8.30 8.35 8.40

Time-->

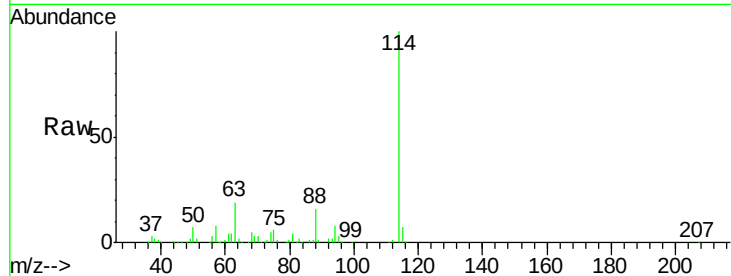




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066440.D
 Acq: 27 Aug 2020 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 AC-3

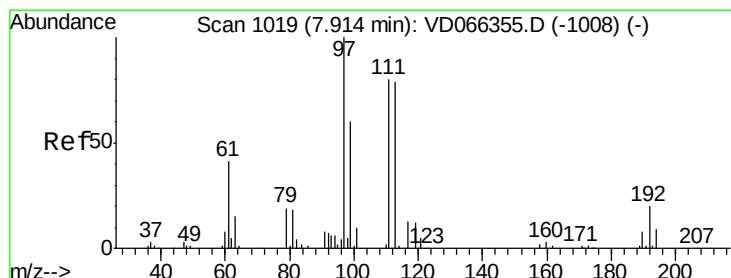
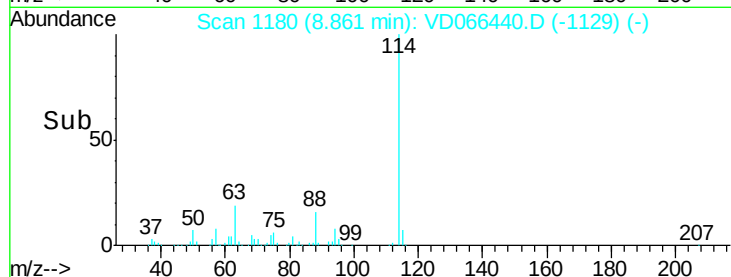
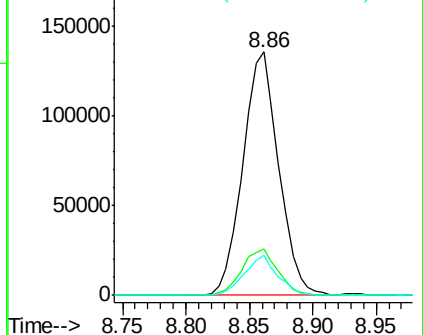
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	16.5	0.0	35.4



Abundance Ion 113.90 (113.60 to 114.60): V

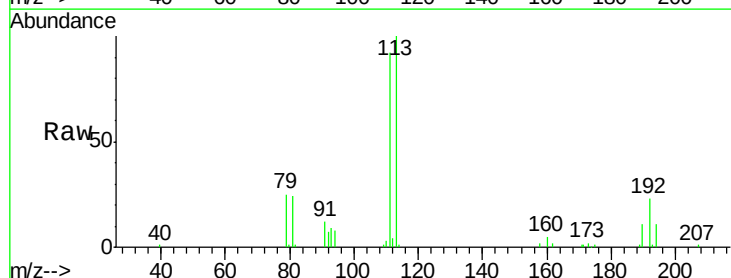
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.578 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066440.D
 Acq: 27 Aug 2020 16:47

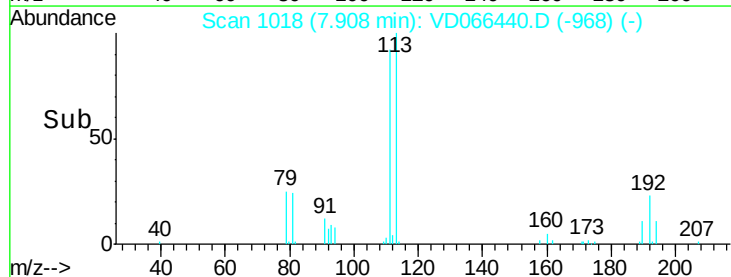
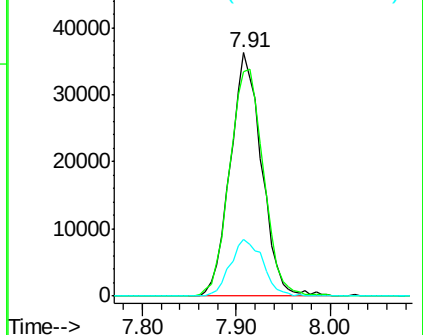
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.3	120.5
192	24.2	19.0	28.6

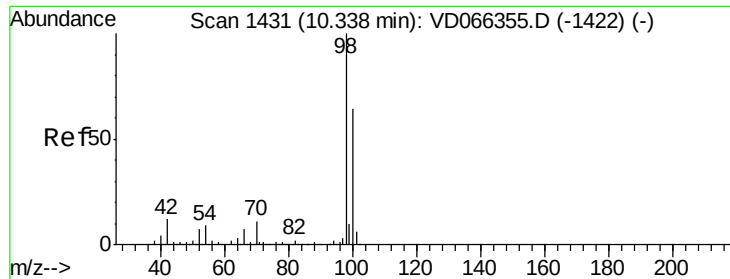


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

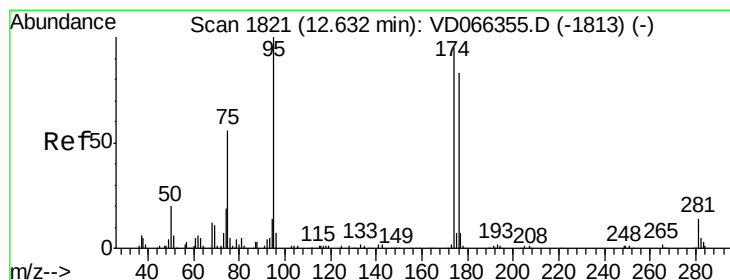
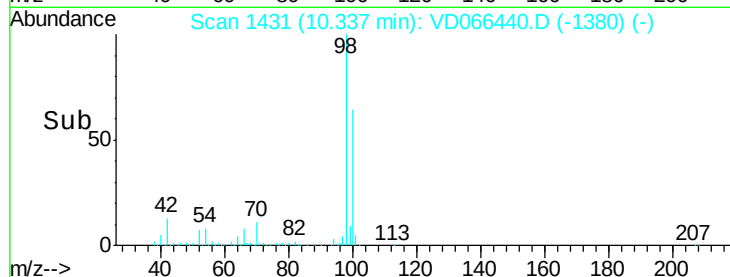
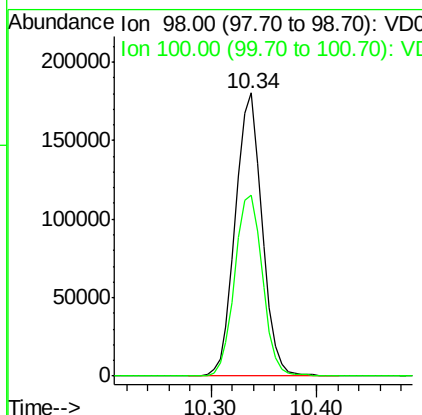
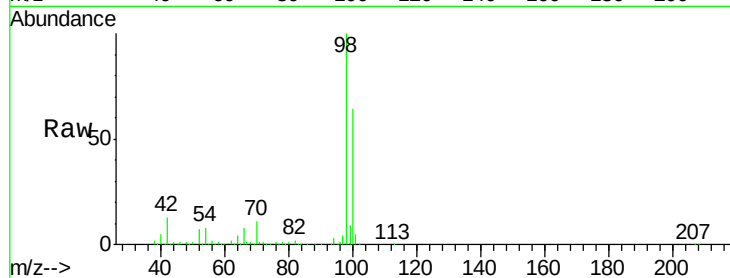




#50
Toluene-d8
Concen: 51.929 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

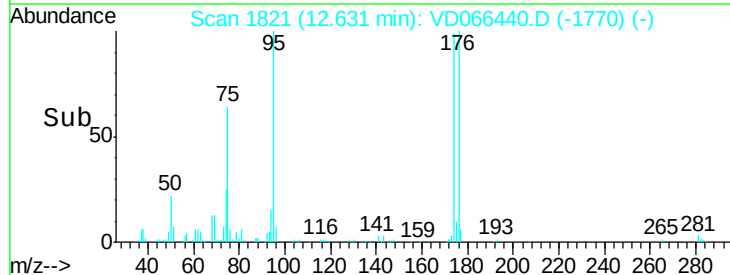
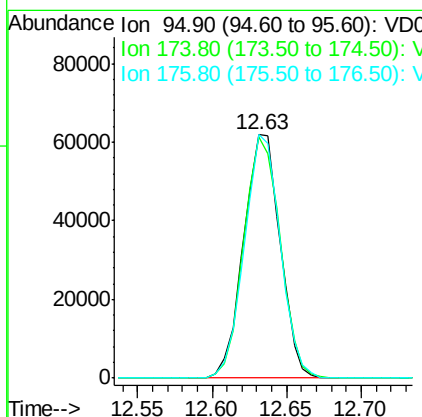
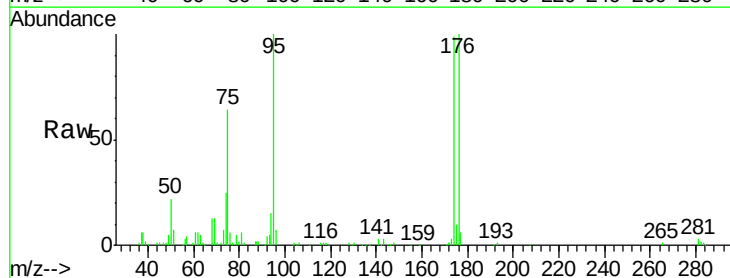
Instrument :
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ClientSampleId :
AC-3

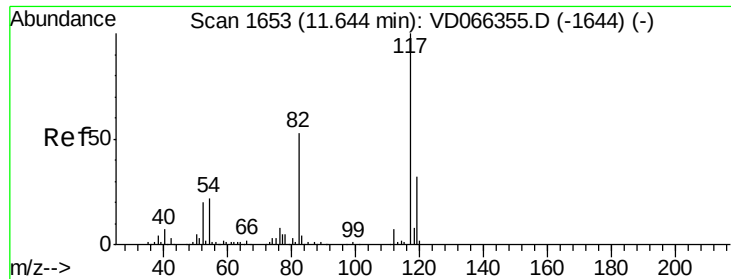
Tot Ion: 98 Resp: 316017
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.564 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Tgt Ion: 95 Resp: 104870
Ion Ratio Lower Upper
95 100
174 98.7 0.0 183.4
176 98.1 0.0 173.8

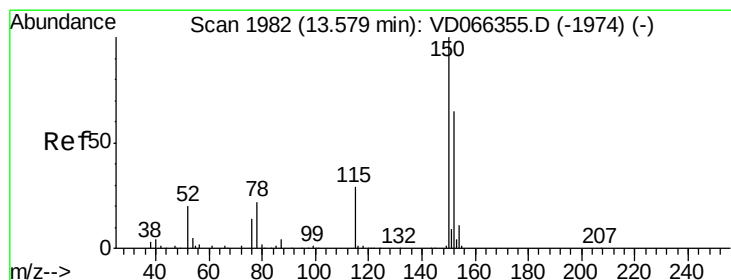
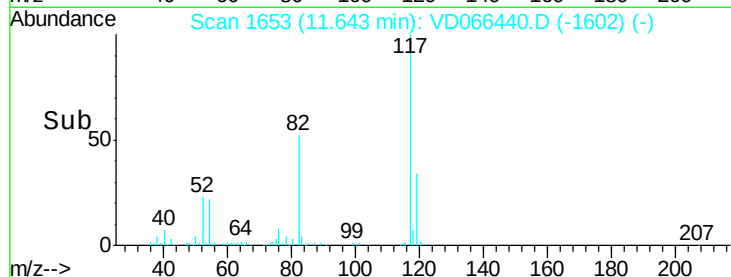
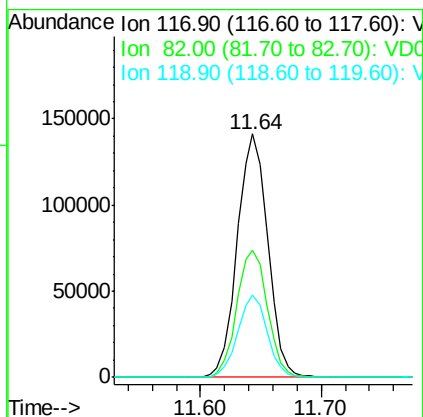
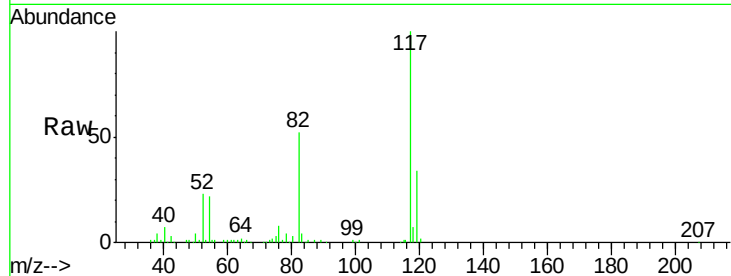




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Instrument :
MSVOA_D
ClientSampled :
AC-3

Tot Ion:117 Resp: 248498
Ion Ratio Lower Upper
117 100
82 52.4 42.8 64.2
119 33.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066440.D
Acq: 27 Aug 2020 16:47

Tgt Ion:152 Resp: 128845
Ion Ratio Lower Upper
152 100
115 57.1 28.3 85.0
150 152.5 0.0 343.2

