

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066159.D
 Acq On : 07 Aug 2020 15:52
 Operator : VA/SY
 Sample : L3575-02RE
 Misc : 5.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-016RE

Quant Time: Aug 08 01:25:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

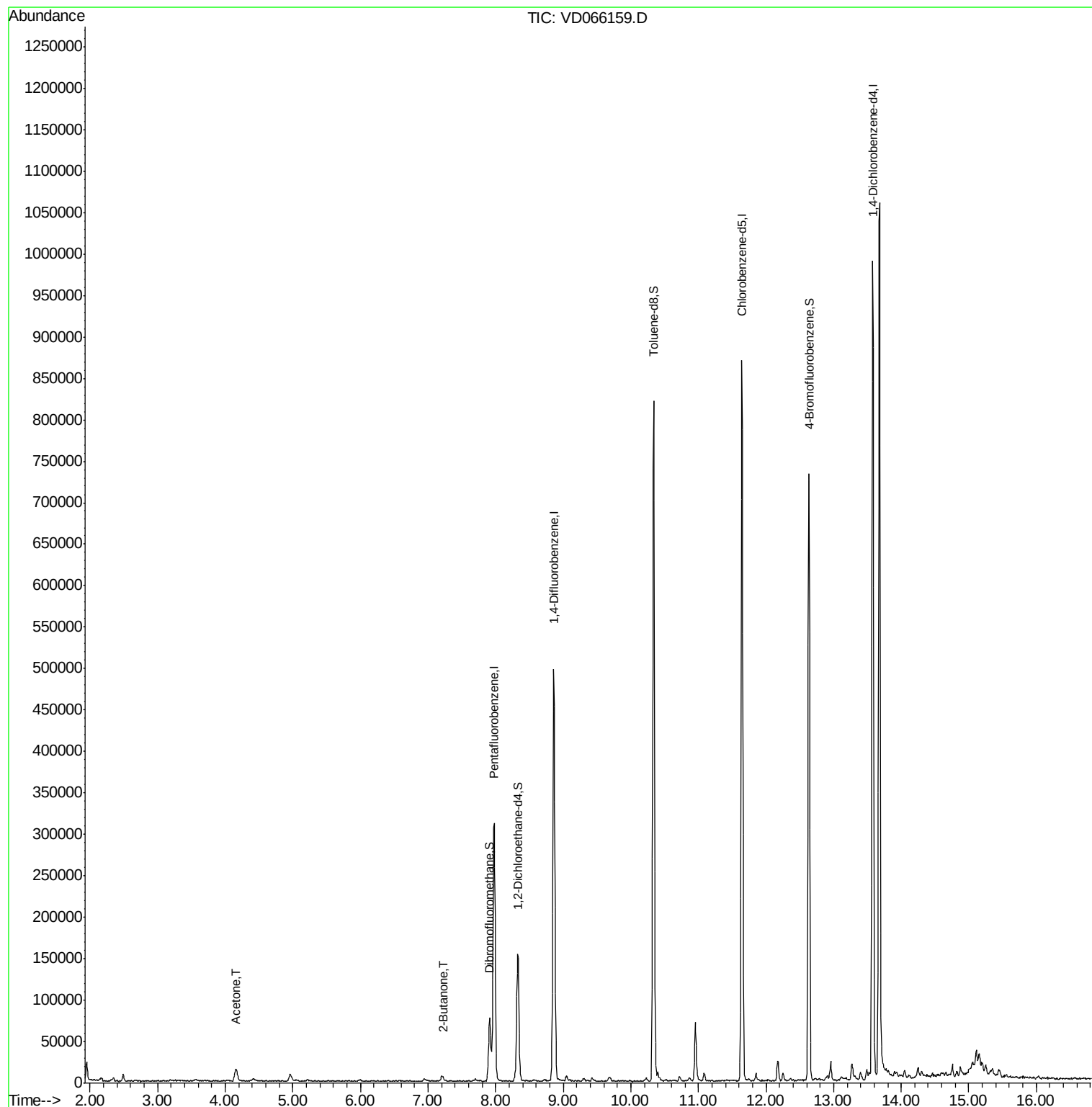
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	438806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	508572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117484	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	7.91	113	54069	19.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.90%	
50) Toluene-d8	10.34	98	546237	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.64	95	240744	65.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.22%	
Target Compounds						
16) Acetone	4.16	43	27664	65.735	ug/l	89
25) 2-Butanone	7.22	43	6390	10.323	ug/l	95

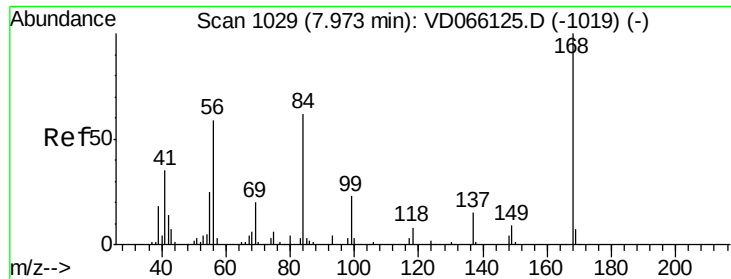
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066159.D

Acq: 07 Aug 2020 15:52

Instrument :

MSVOA_D

ClientSampleId :

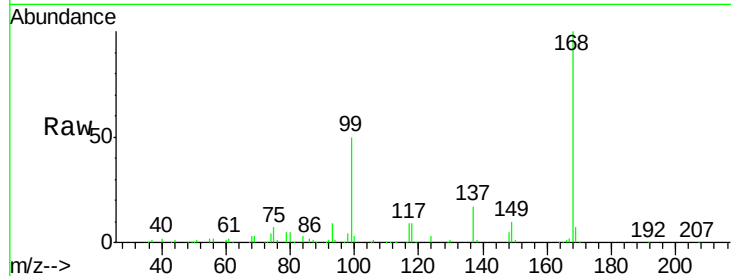
FK-0D015-03-016RE

Tot Ion:168 Resp: 248608

Ion Ratio Lower Upper

168 100

99 50.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

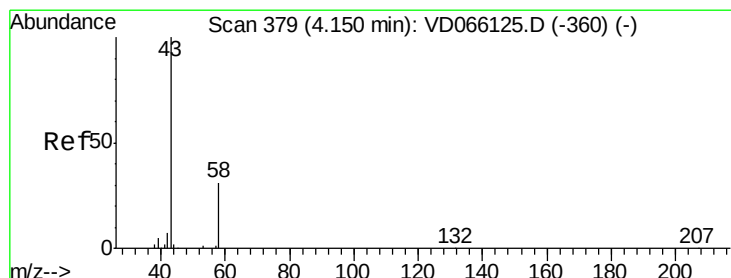
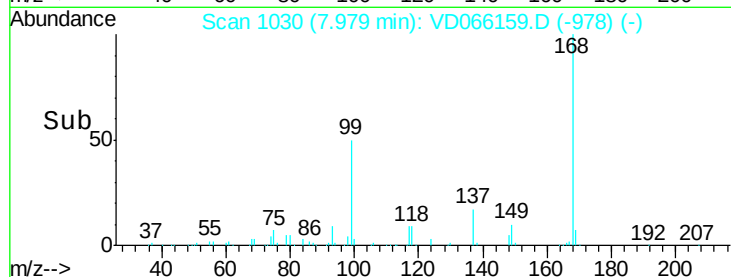
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 65.735 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066159.D

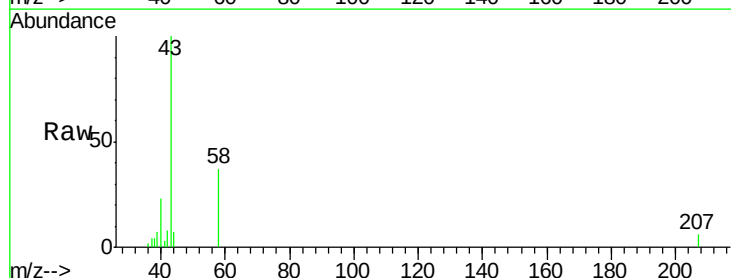
Acq: 07 Aug 2020 15:52

Tgt Ion: 43 Resp: 27664

Ion Ratio Lower Upper

43 100

58 36.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10000

8000

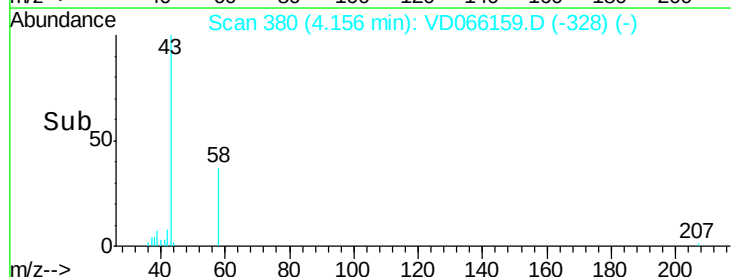
6000

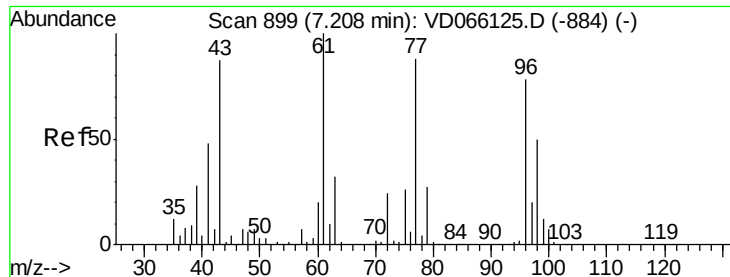
4000

2000

0

Time-->





#25

2-Butanone

Concen: 10.323 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD066159.D

Acq: 07 Aug 2020 15:52

Instrument :

MSVOA_D

ClientSampleId :

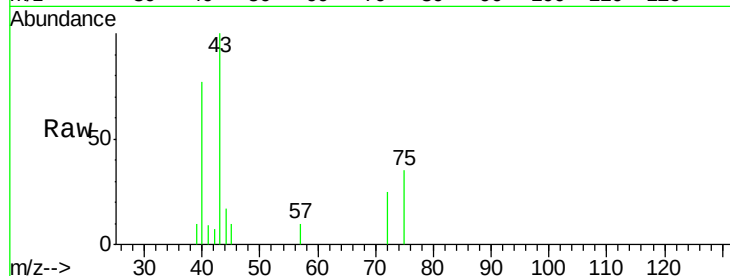
FK-0D015-03-016RE

Tot Ion: 43 Resp: 6390

Ion Ratio Lower Upper

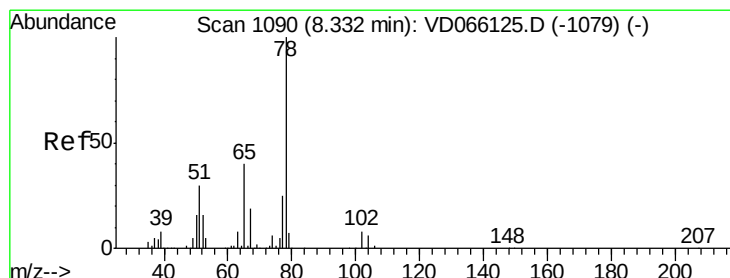
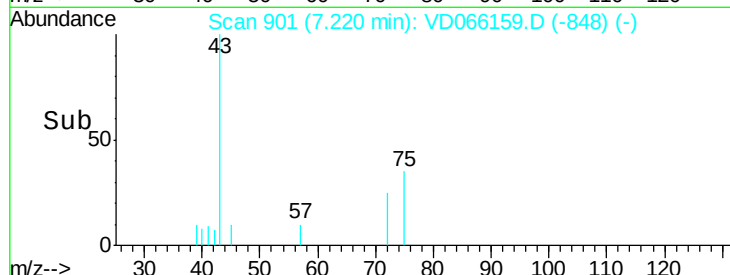
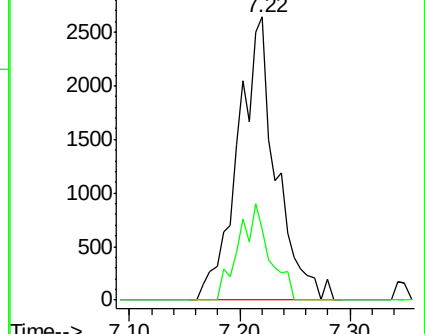
43 100

72 25.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.969 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066159.D

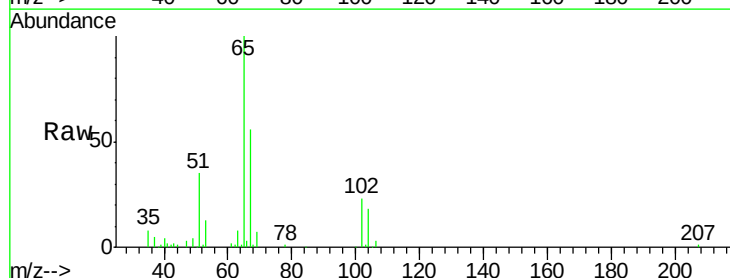
Acq: 07 Aug 2020 15:52

Tgt Ion: 65 Resp: 117484

Ion Ratio Lower Upper

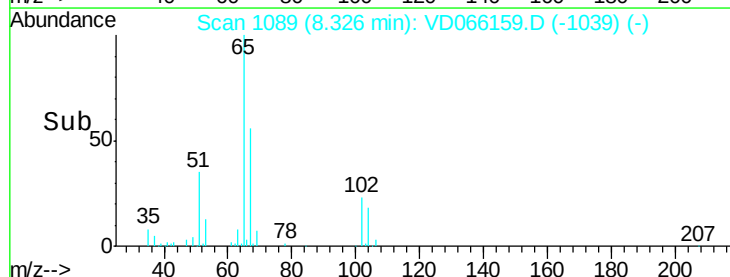
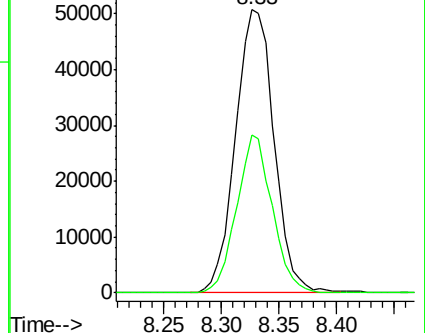
65 100

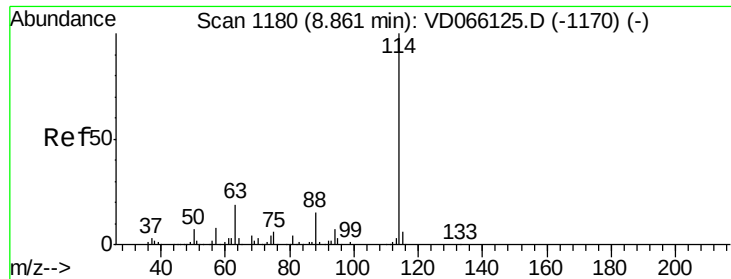
67 51.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

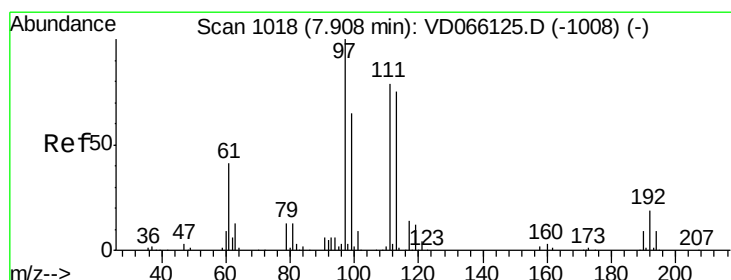
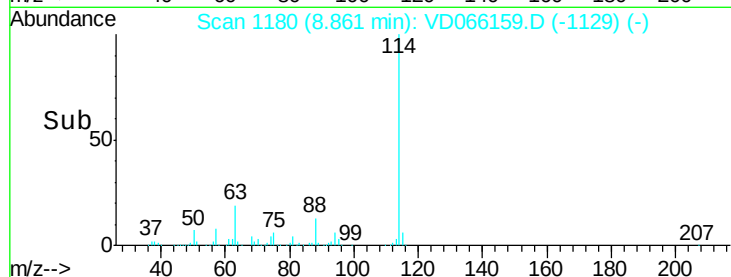
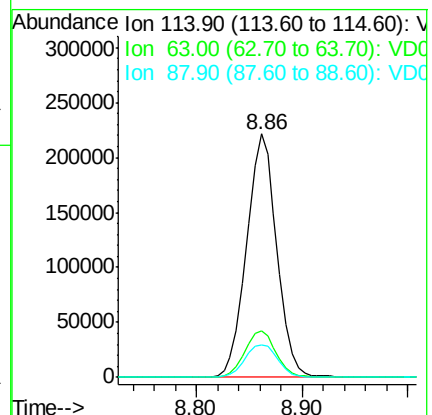
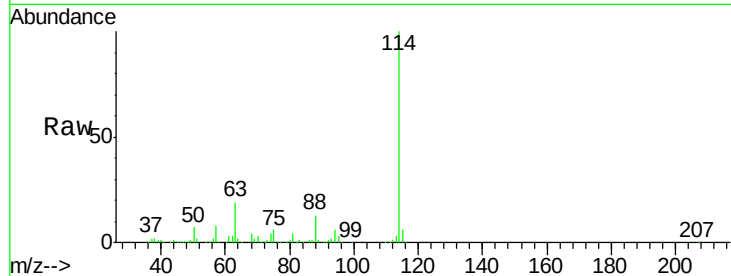




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066159.D
 Acq: 07 Aug 2020 15:52

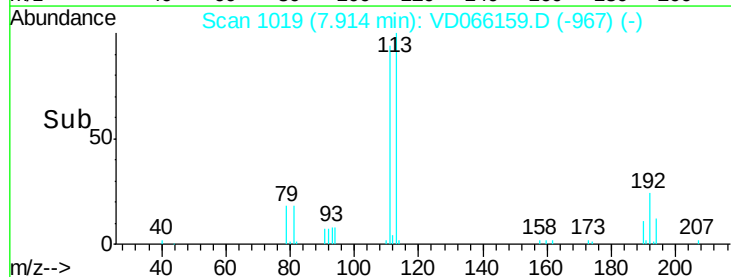
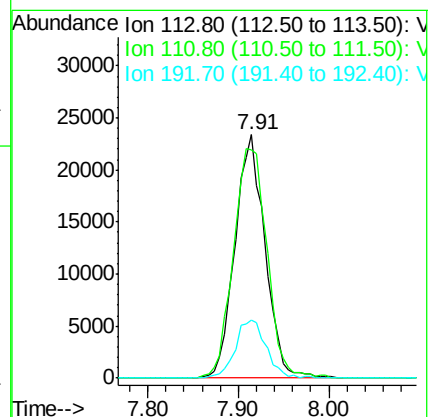
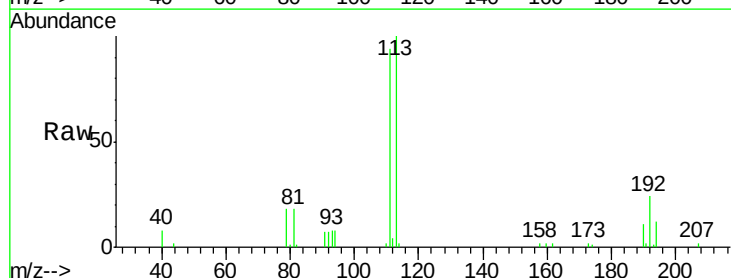
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-016RE

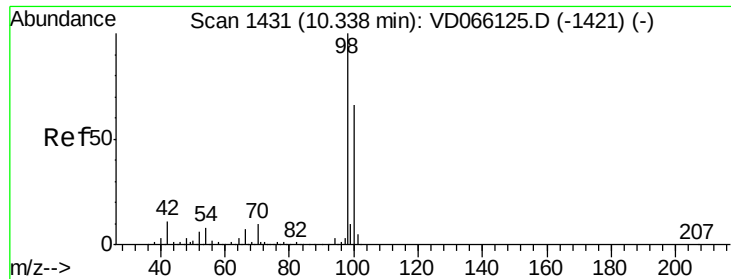
Tot Ion:114	Resp:	438806
Ion	Ratio	Lower Upper
114	100	
63	18.9	0.0 38.6
88	13.4	0.0 30.0



#35
 Dibromofluoromethane
 Concen: 19.451 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066159.D
 Acq: 07 Aug 2020 15:52

Tgt Ion:113	Resp:	54069
Ion	Ratio	Lower Upper
113	100	
111	105.5	80.7 121.1
192	24.3	18.4 27.6

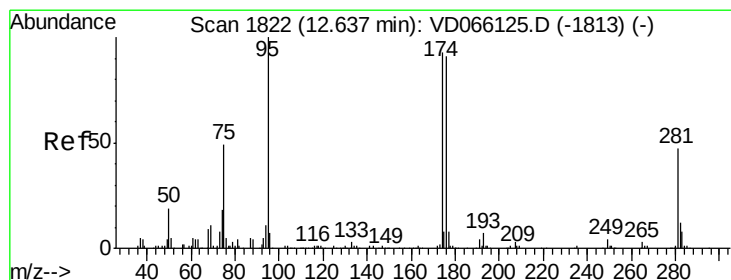
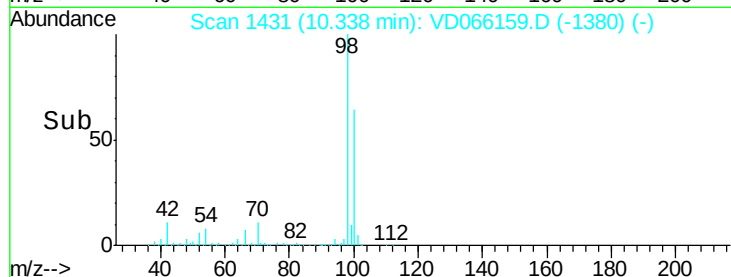
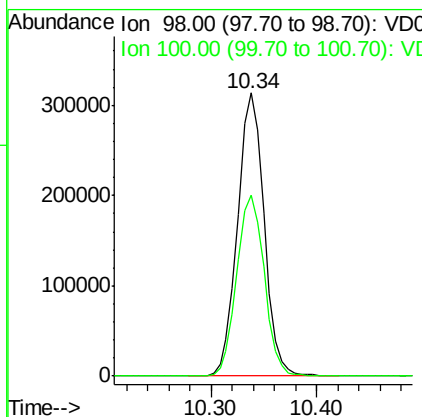
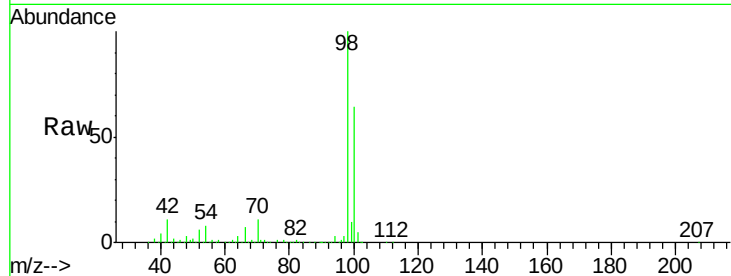




#50
Toluene-d8
Concen: 53.249 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066159.D
Acq: 07 Aug 2020 15:52

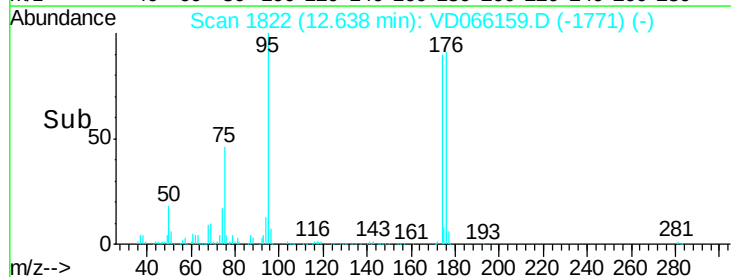
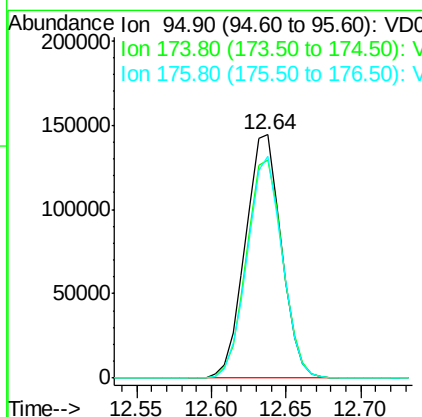
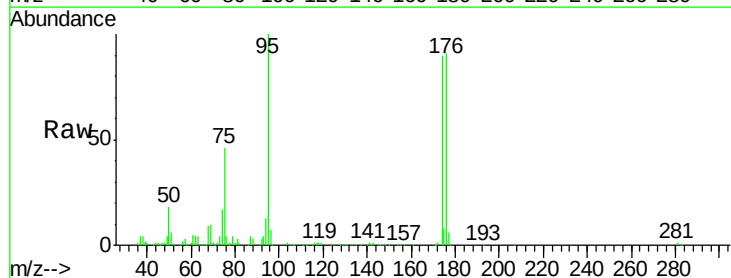
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-016RE

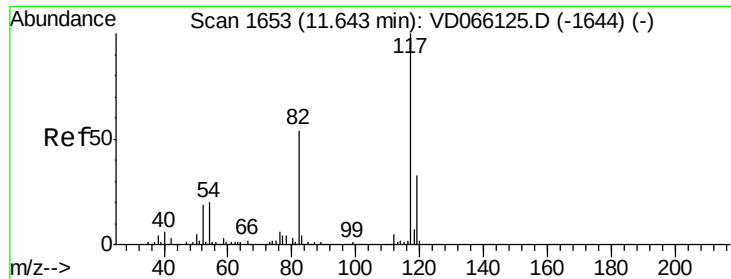
Tot Ion: 98 Resp: 546237
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 65.107 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066159.D
Acq: 07 Aug 2020 15:52

Tgt Ion: 95 Resp: 240744
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.8
176 88.2 0.0 181.2

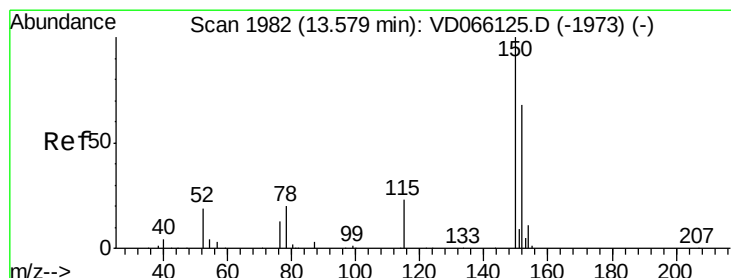
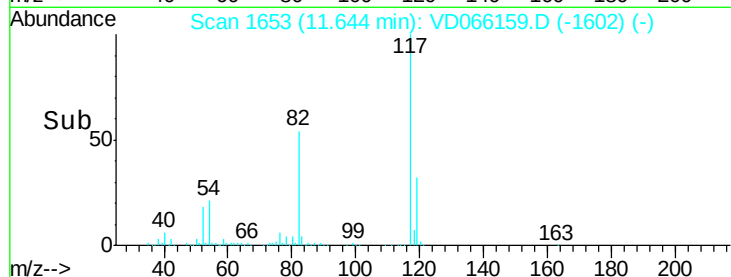
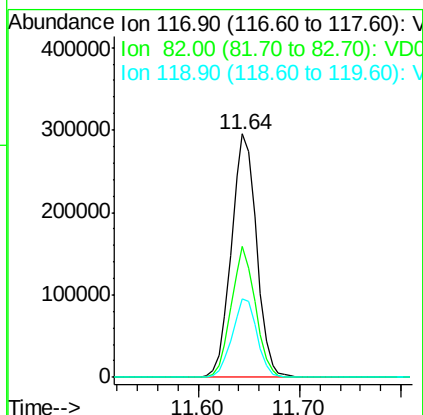
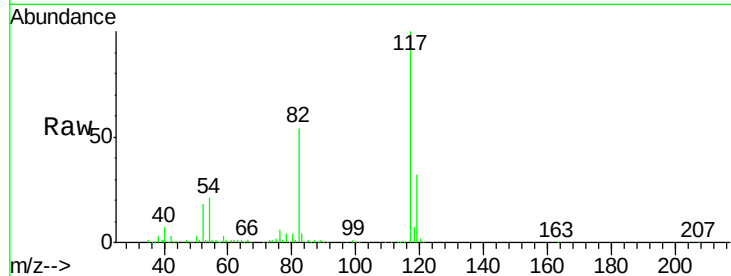




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066159.D
Acq: 07 Aug 2020 15:52

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-016RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066159.D
Acq: 07 Aug 2020 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	83.9
150	154.5	0.0	346.4

