

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066157.D
 Acq On : 07 Aug 2020 14:57
 Operator : VA/SY
 Sample : L3576-02
 Misc : 5.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-0D015-03-017

Quant Time: Aug 08 01:21:45 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

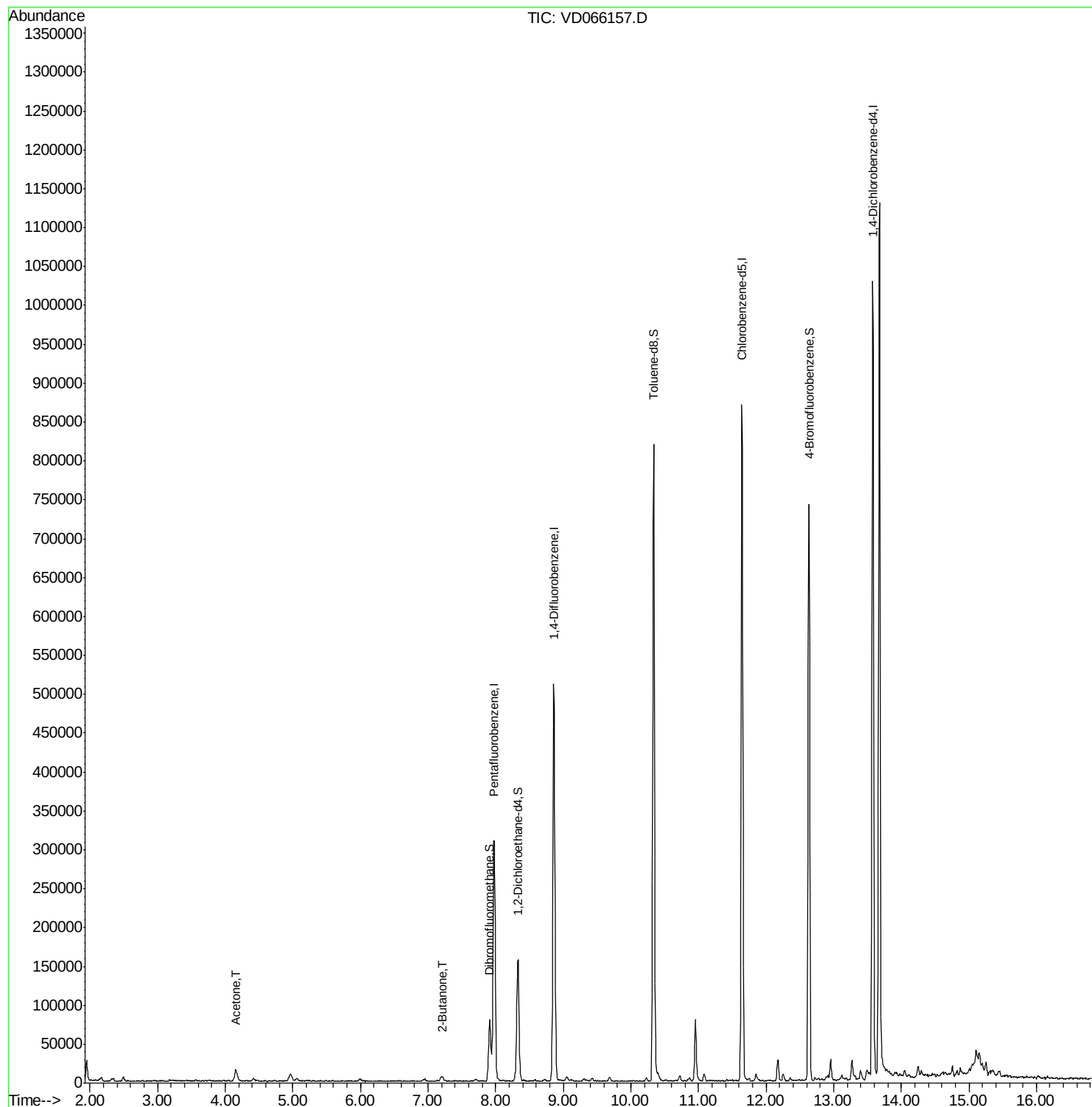
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	252088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	452878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	513203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121620	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
35) Dibromofluoromethane	7.91	113	56577	19.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.44%	
50) Toluene-d8	10.34	98	561095	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.64	95	245193	64.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.50%	
Target Compounds						
16) Acetone	4.15	43	26369	61.793	ug/l	91
25) 2-Butanone	7.21	43	5300	8.444	ug/l	97

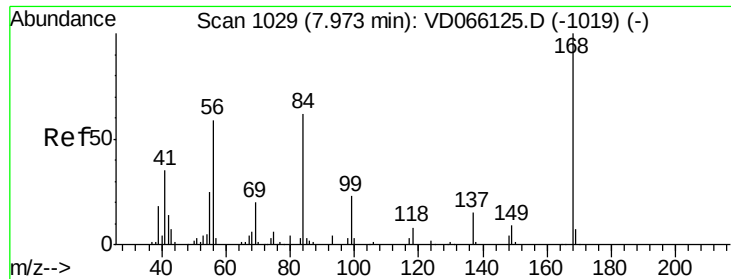
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

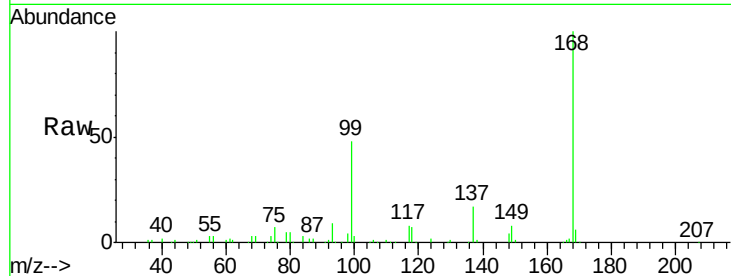
FK-0D015-03-017

Tot Ion:168 Resp: 252088

Ion Ratio Lower Upper

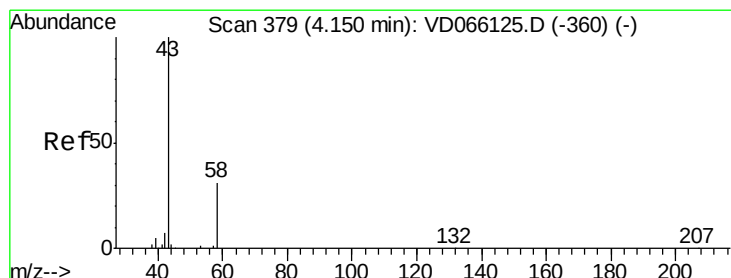
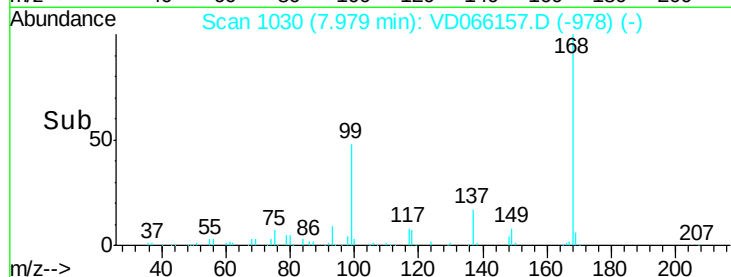
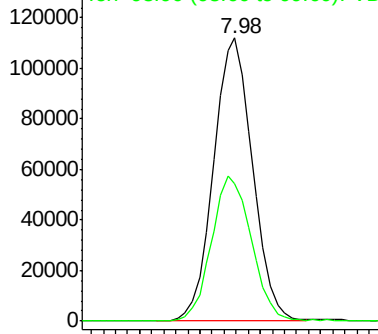
168 100

99 48.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 61.793 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066157.D

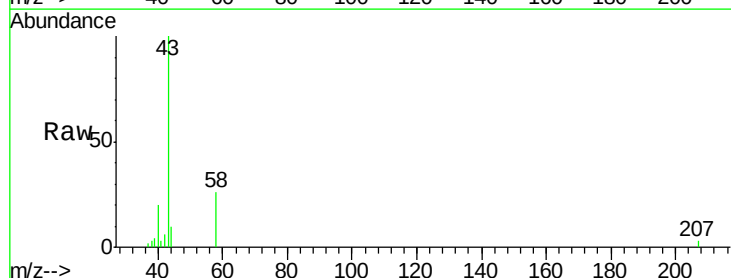
Acq: 07 Aug 2020 14:57

Tgt Ion: 43 Resp: 26369

Ion Ratio Lower Upper

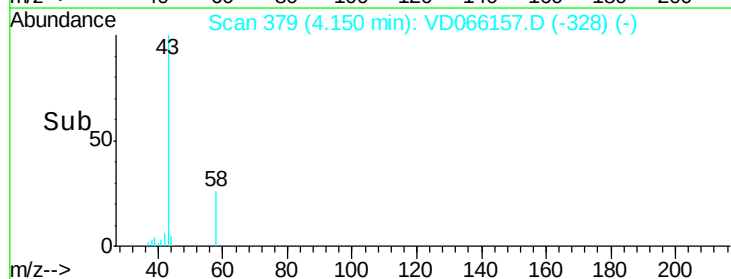
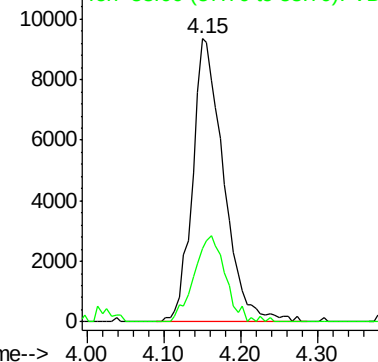
43 100

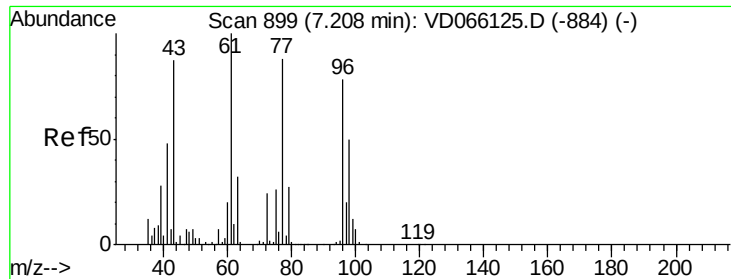
58 25.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 8.444 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066157.D

Acq: 07 Aug 2020 14:57

Instrument :

MSVOA_D

ClientSampleId :

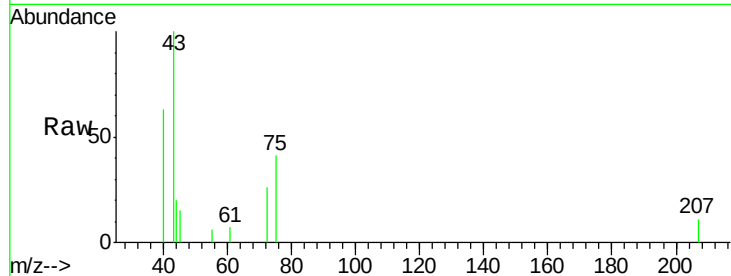
FK-0D015-03-017

Tot Ion: 43 Resp: 5300

Ion Ratio Lower Upper

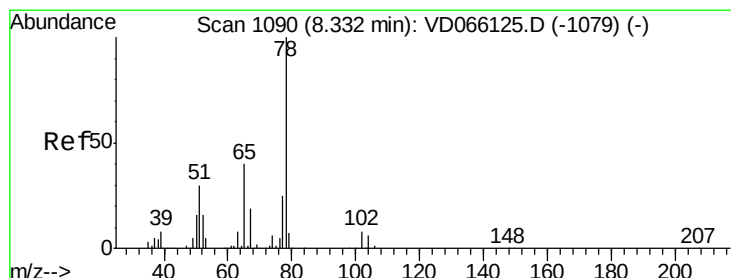
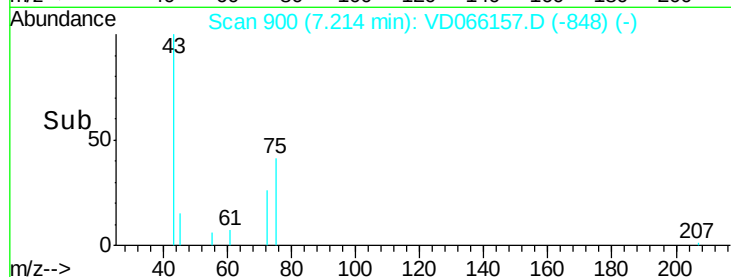
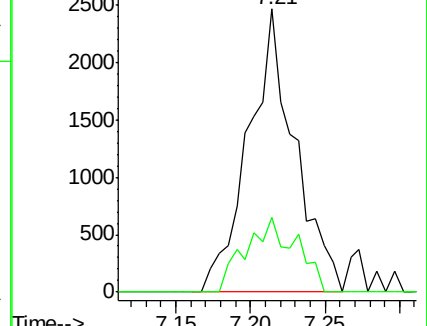
43 100

72 26.4 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: 54.077 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066157.D

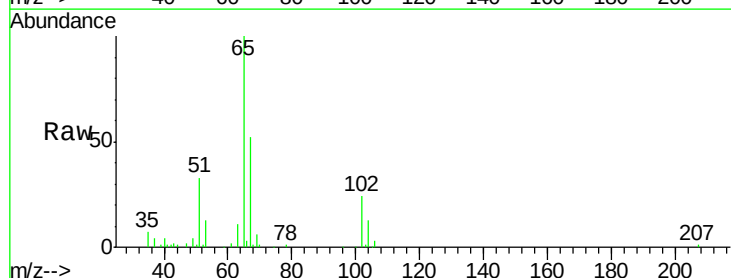
Acq: 07 Aug 2020 14:57

Tgt Ion: 65 Resp: 121620

Ion Ratio Lower Upper

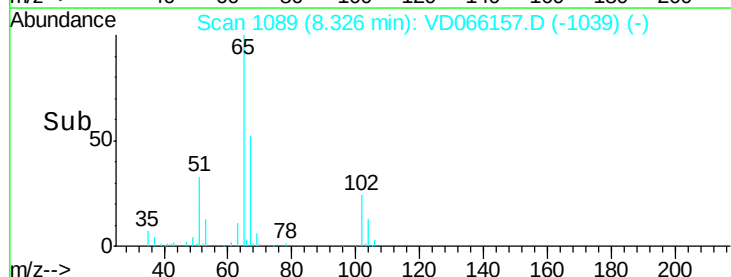
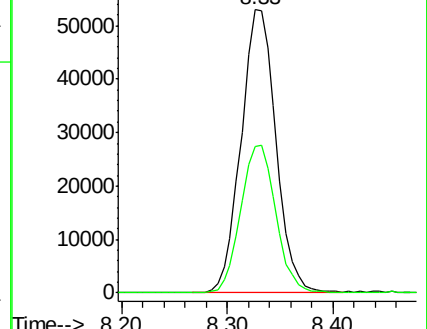
65 100

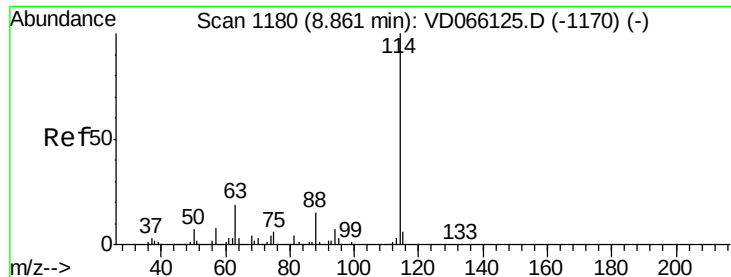
67 52.2 0.0 104.6



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: VD066157.D

Acq: 07 Aug 2020 14:57

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-017

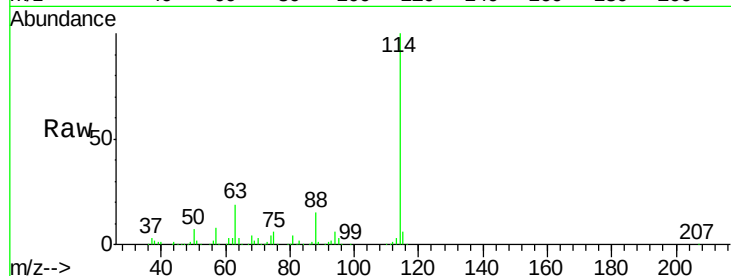
Tot Ion:114 Resp: 452878

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

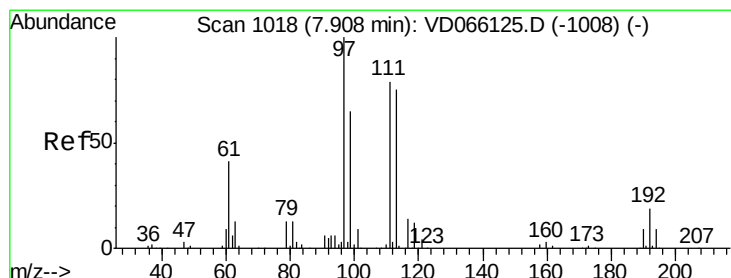
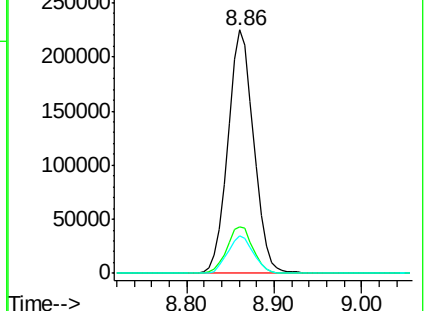
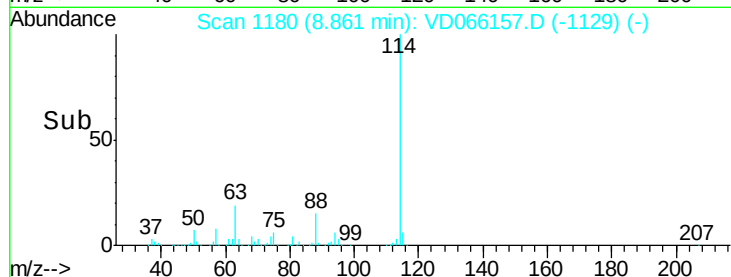
88 15.4 0.0 30.0



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: 19.721 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066157.D

Acq: 07 Aug 2020 14:57

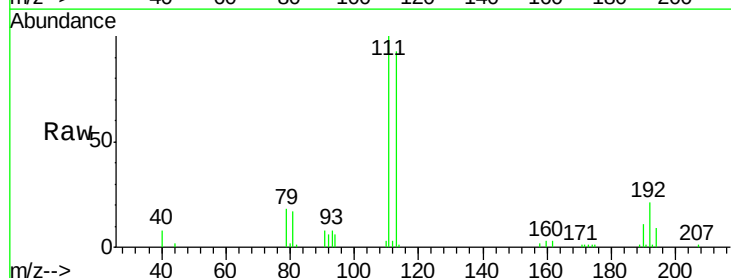
Tgt Ion:113 Resp: 56577

Ion Ratio Lower Upper

113 100

111 105.3 80.7 121.1

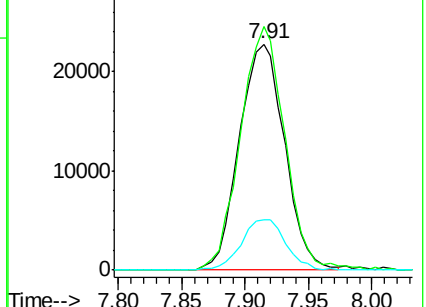
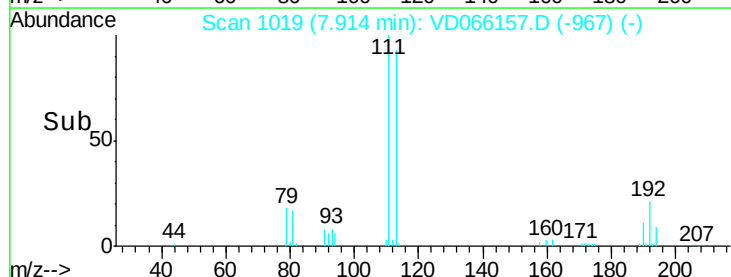
192 21.9 18.4 27.6

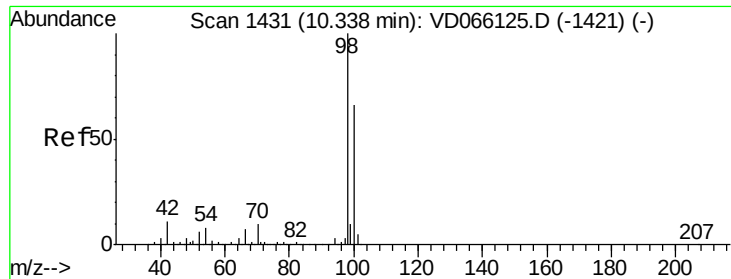


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

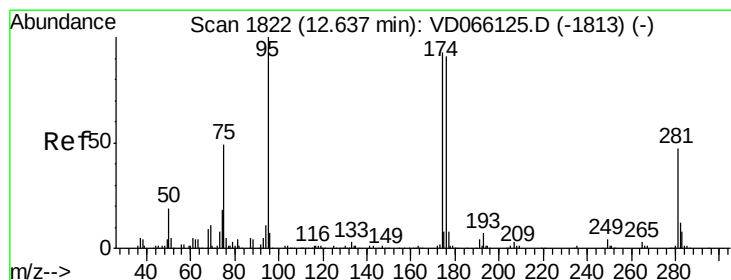
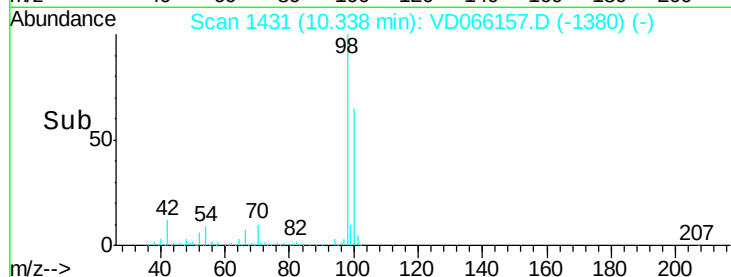
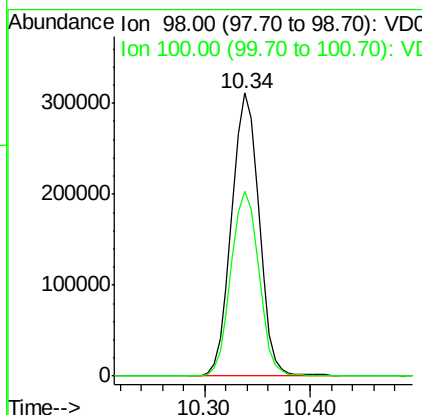
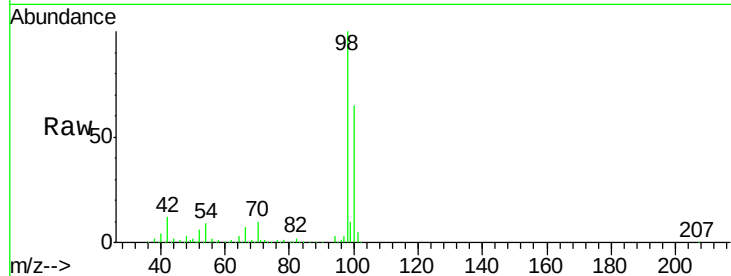




#50
Toluene-d8
Concen: 52.998 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066157.D
Acq: 07 Aug 2020 14:57

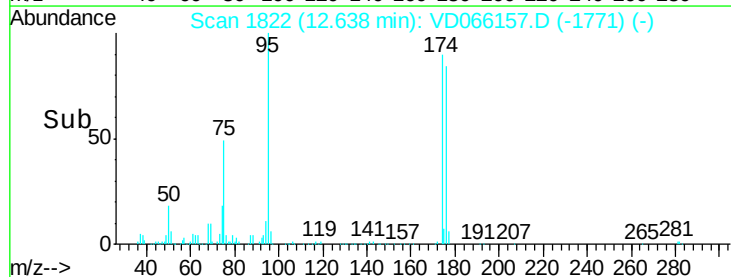
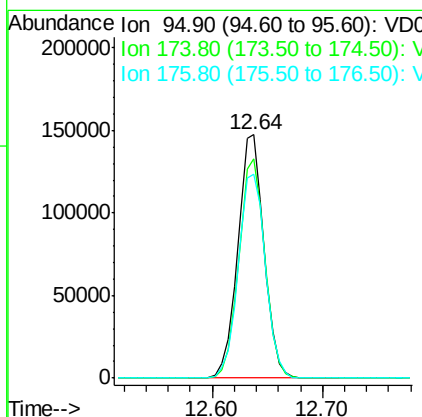
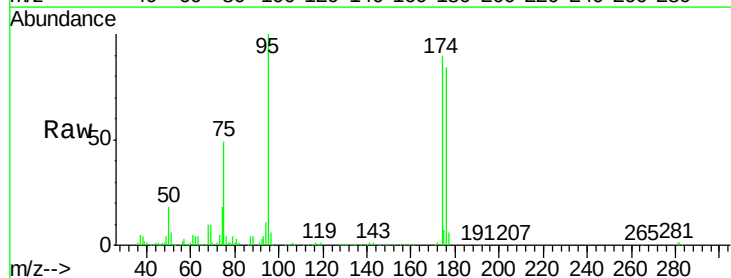
Instrument :
MSVOA_D
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FK-0D015-03-017

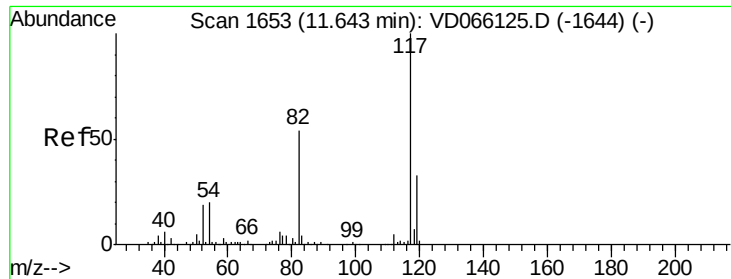
Tot Ion: 98 Resp: 561095
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.250 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066157.D
Acq: 07 Aug 2020 14:57

Tgt Ion: 95 Resp: 245193
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.8
176 86.9 0.0 181.2

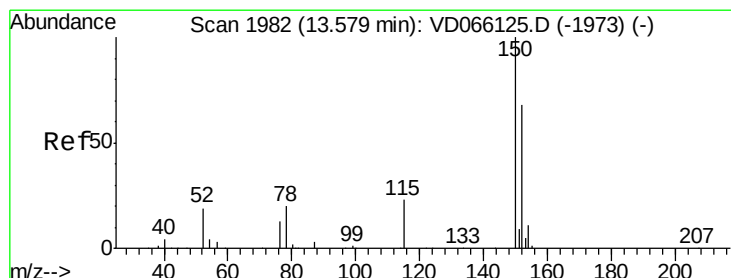
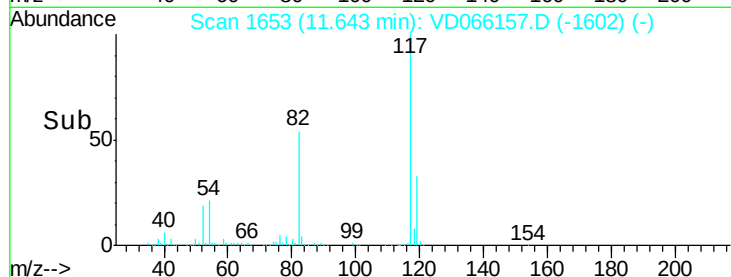
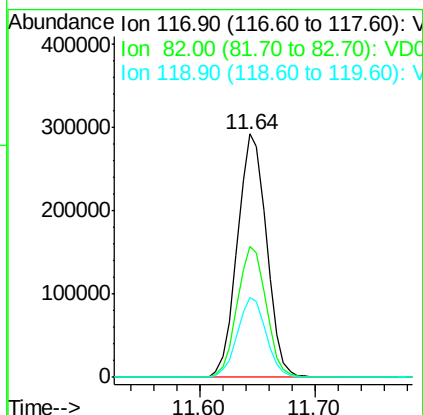
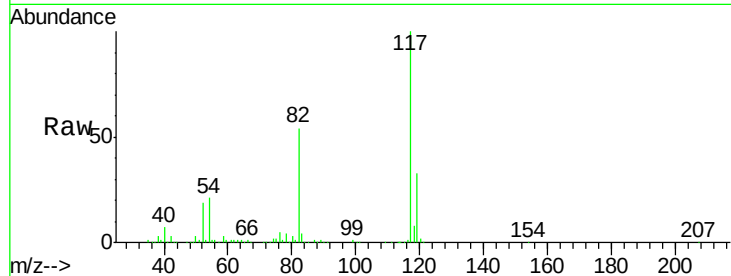




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066157.D
Acq: 07 Aug 2020 14:57

Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-017

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	32.8	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: VD066157.D
Acq: 07 Aug 2020 14:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	83.9
150	157.2	0.0	346.4

