

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066145.D
 Acq On : 06 Aug 2020 20:07
 Operator : VA/SY
 Sample : L3575-02
 Misc : 6.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 07 02:41:50 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

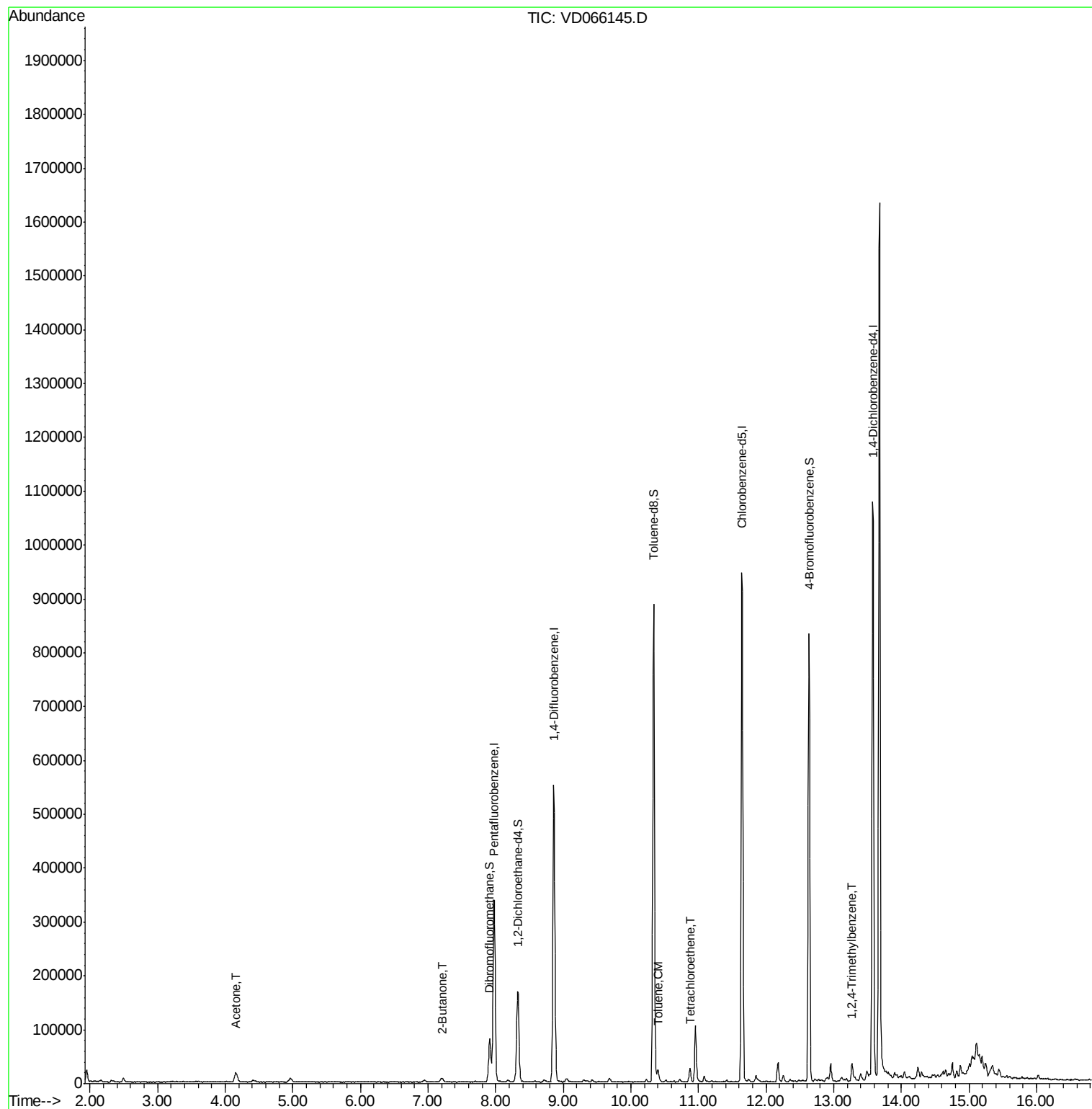
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	273505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	485878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	556076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130733	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	7.91	113	59316	19.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.54%	
50) Toluene-d8	10.34	98	606315	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.64	95	274886	67.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.28%	
Target Compounds						
16) Acetone	4.16	43	33643	72.665	ug/l	99
25) 2-Butanone	7.21	43	7319	10.748	ug/l #	86
52) Toluene	10.40	92	9258	1.111	ug/l	88
64) Tetrachloroethene	10.88	164	6128	1.435	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	17629	1.043	ug/l	92

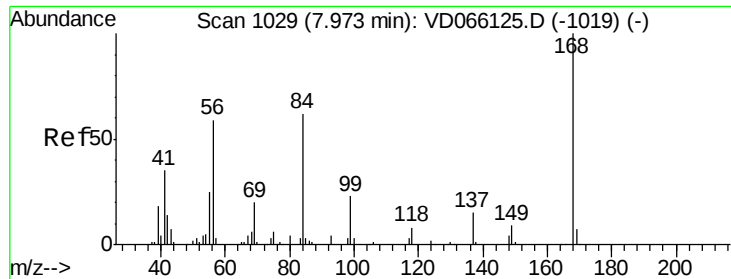
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066145.D

Acq: 06 Aug 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

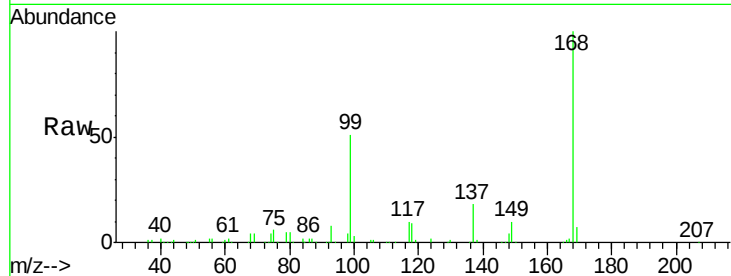
FK-0D015-03-016

Tot Ion:168 Resp: 273505

Ion Ratio Lower Upper

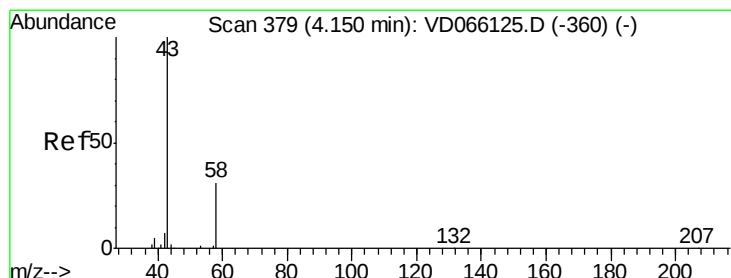
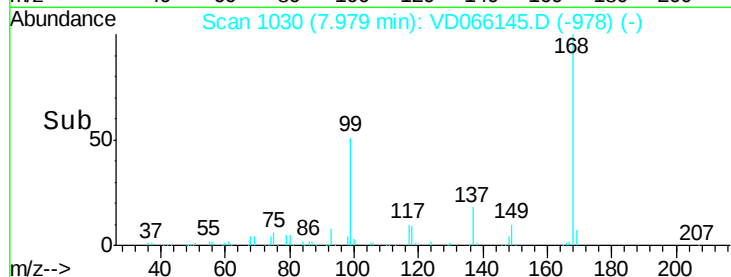
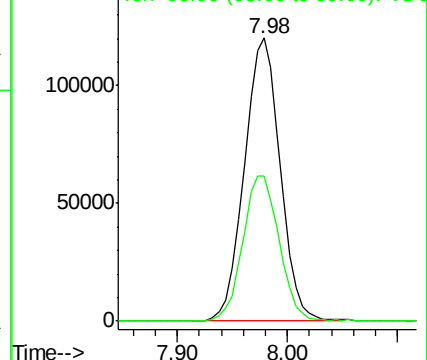
168 100

99 51.5 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: 72.665 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066145.D

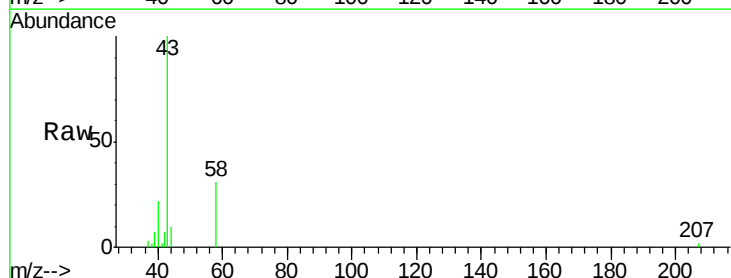
Acq: 06 Aug 2020 20:07

Tgt Ion: 43 Resp: 33643

Ion Ratio Lower Upper

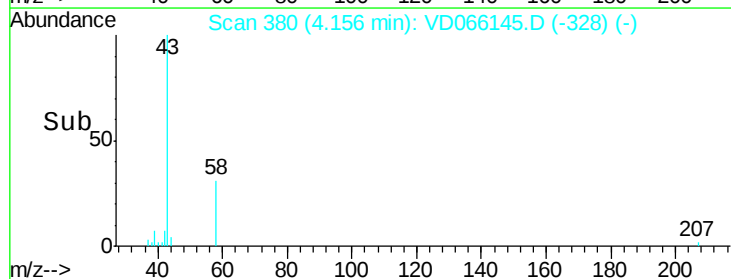
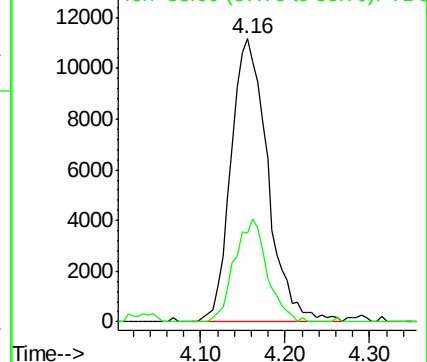
43 100

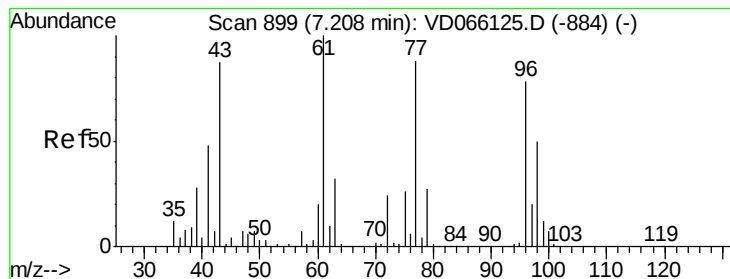
58 31.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 10.748 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066145.D

Acq: 06 Aug 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

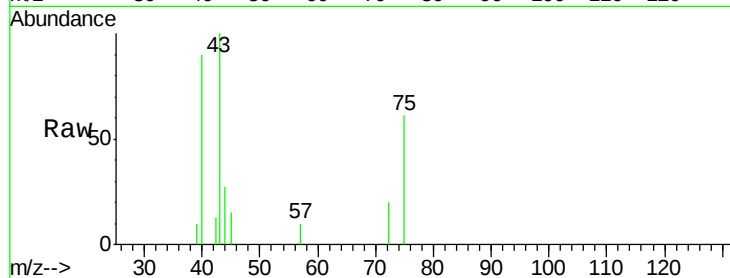
FK-0D015-03-016

Tot Ion: 43 Resp: 7319

Ion Ratio Lower Upper

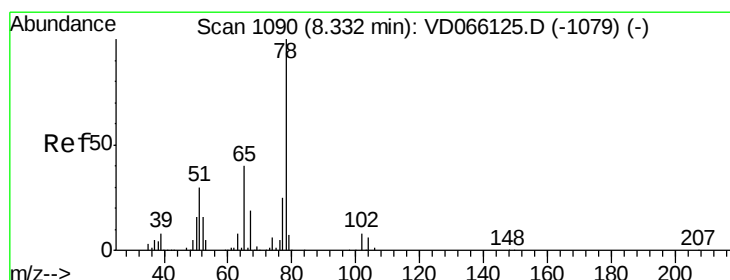
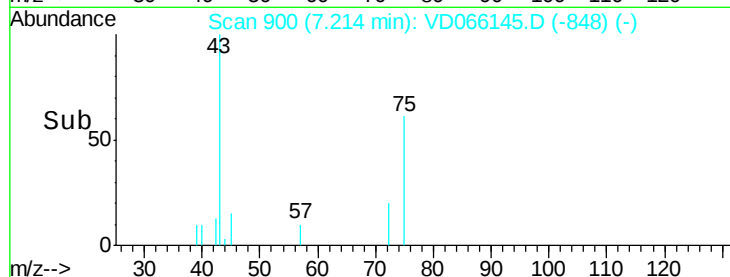
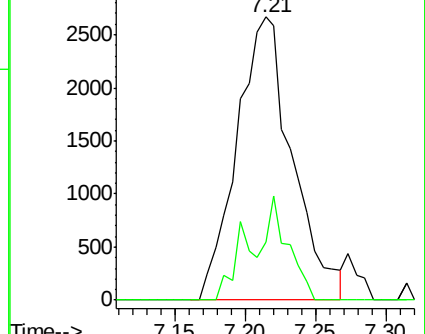
43 100

72 20.4 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: 53.577 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066145.D

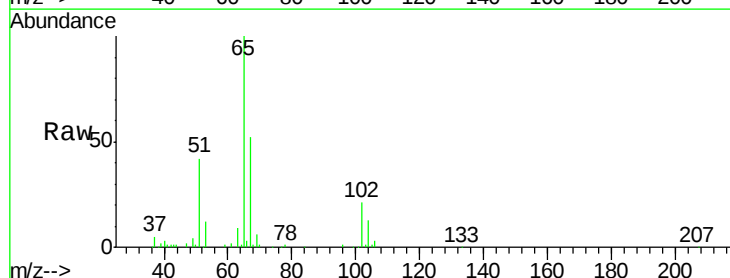
Acq: 06 Aug 2020 20:07

Tgt Ion: 65 Resp: 130733

Ion Ratio Lower Upper

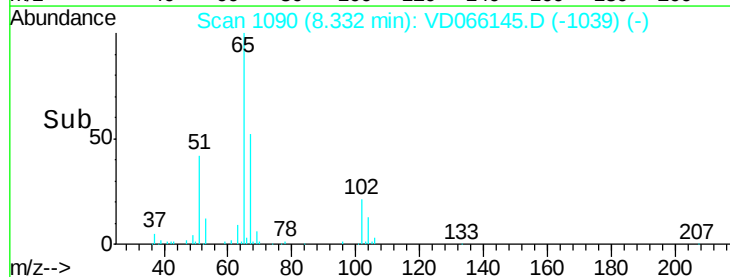
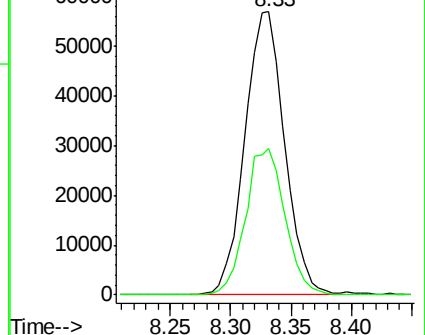
65 100

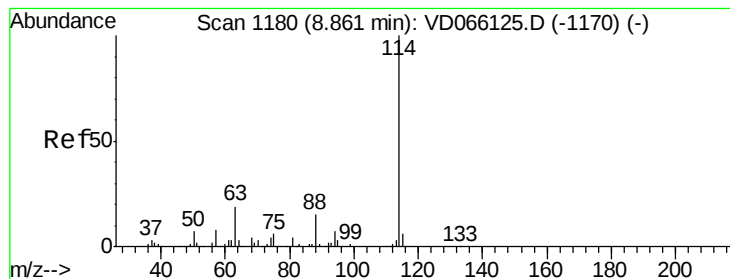
67 51.2 0.0 104.6



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: VD066145.D

Acq: 06 Aug 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-016

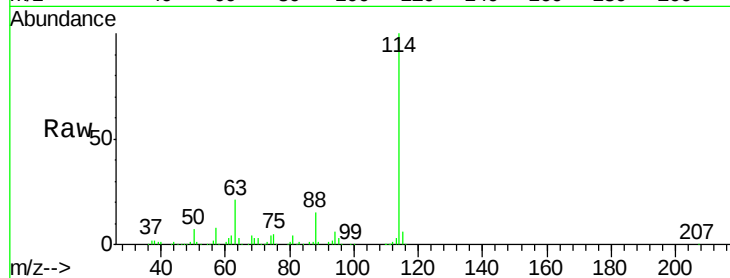
Tot Ion:114 Resp: 485878

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.6

88 14.8 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

300000

250000

200000

150000

100000

50000

0

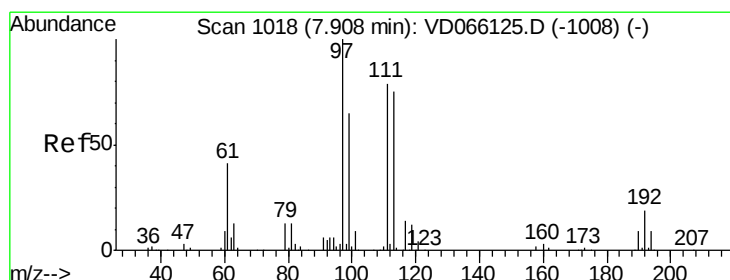
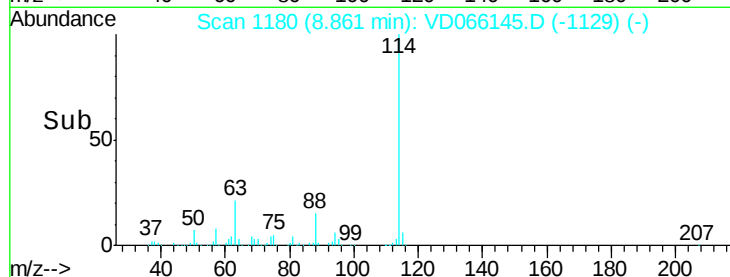
8.86

8.80

8.90

9.00

Time-->



#35

Dibromofluoromethane

Concen: 19.271 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066145.D

Acq: 06 Aug 2020 20:07

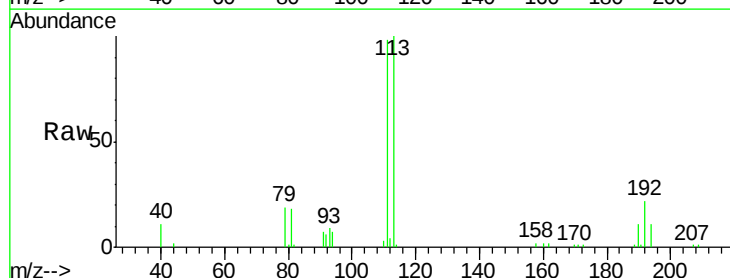
Tgt Ion:113 Resp: 59316

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

192 21.6 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

30000

25000

20000

15000

10000

5000

0

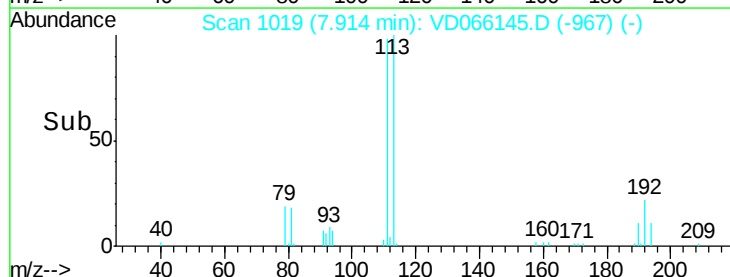
7.91

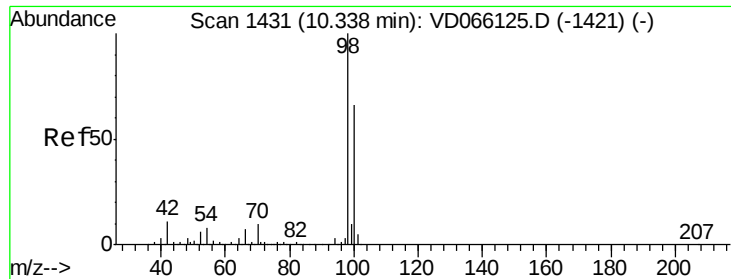
7.80

7.90

8.00

Time-->

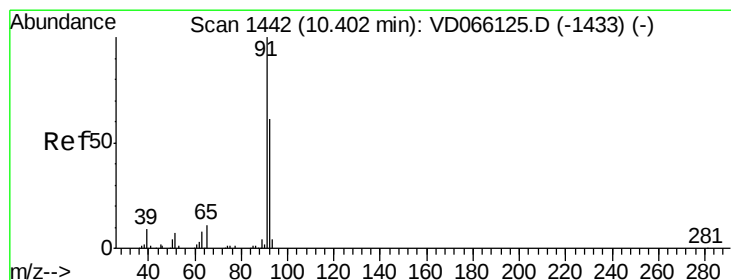
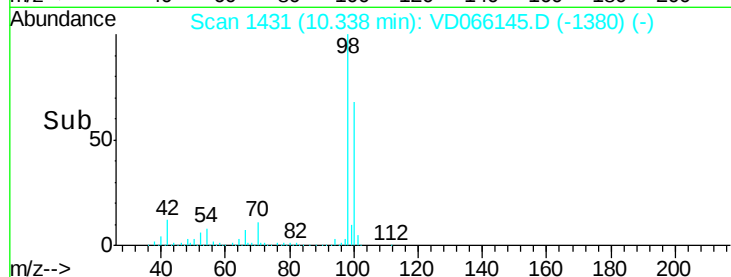
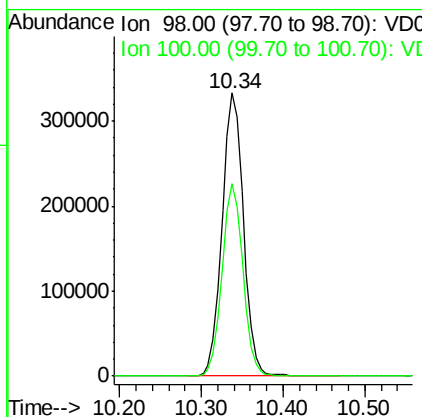
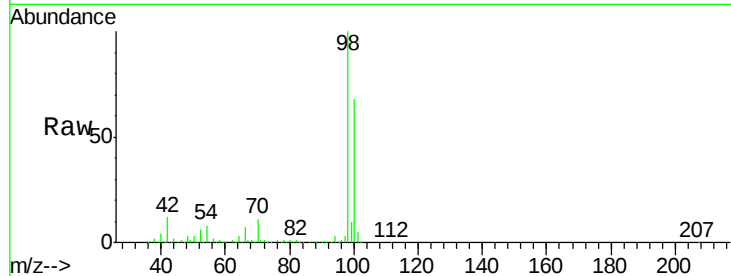




#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066145.D
Acq: 06 Aug 2020 20:07

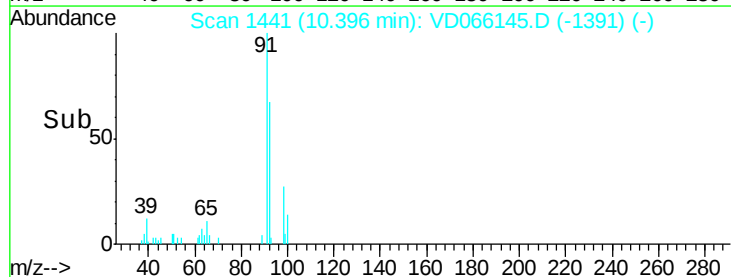
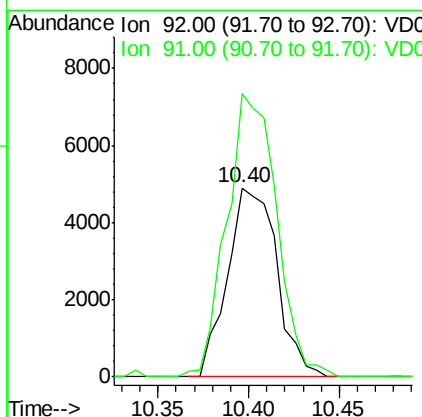
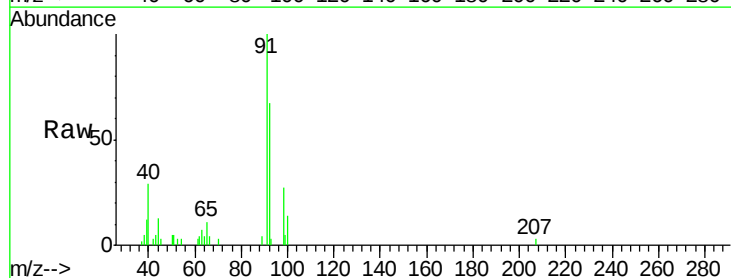
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-016

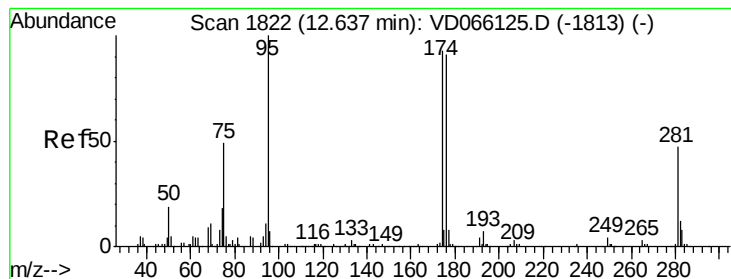
Tot Ion: 98 Resp: 606315
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#52
Toluene
Concen: 1.111 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066145.D
Acq: 06 Aug 2020 20:07

Tgt Ion: 92 Resp: 9258
Ion Ratio Lower Upper
92 100
91 152.3 135.2 202.8





#62

4-Bromofluorobenzene

Concen: 67.139 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066145.D

Acq: 06 Aug 2020 20:07

Instrument :

MSVOA_D

ClientSampleId :

FK-0D015-03-016

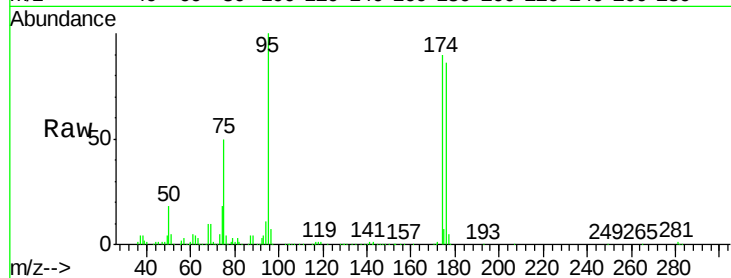
Tot Ion: 95 Resp: 274886

Ion Ratio Lower Upper

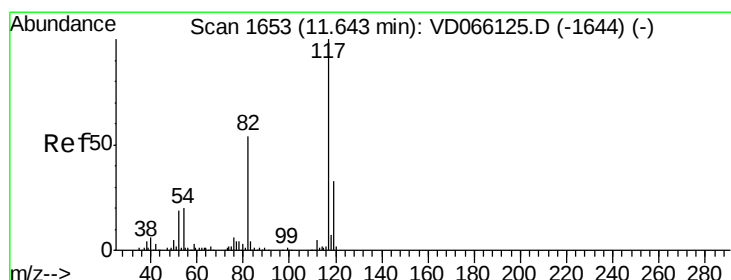
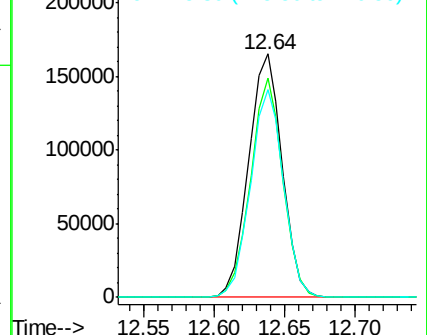
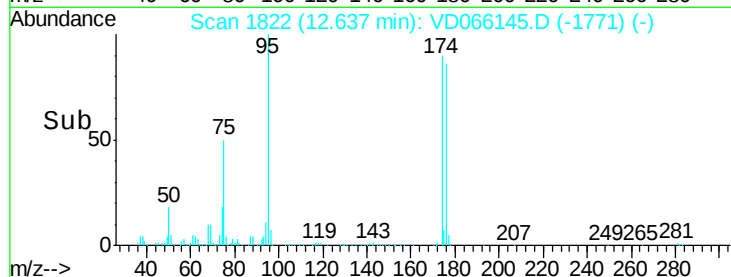
95 100

174 87.0 0.0 180.8

176 84.0 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066145.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066145.D

Acq: 06 Aug 2020 20:07

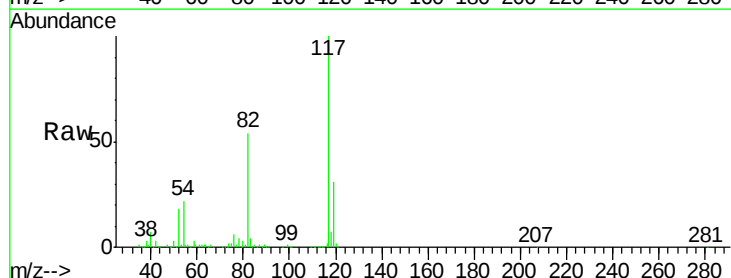
Tgt Ion: 117 Resp: 556076

Ion Ratio Lower Upper

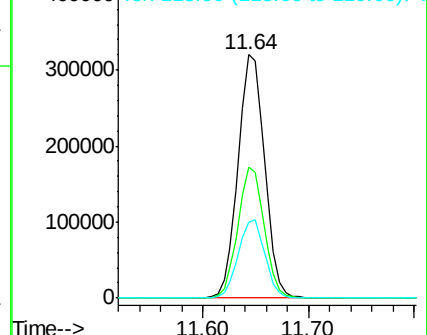
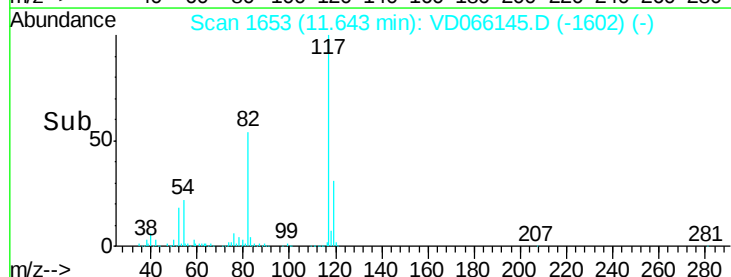
117 100

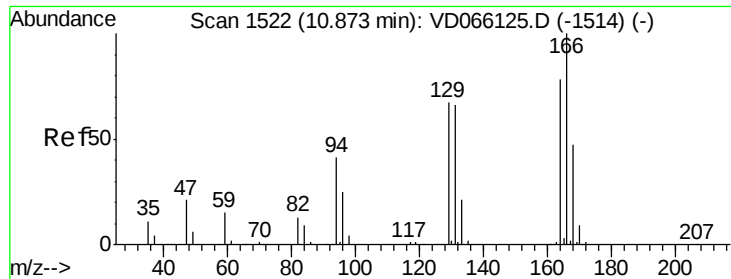
82 53.9 43.0 64.4

119 31.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VD066145.D (-1602) (-)

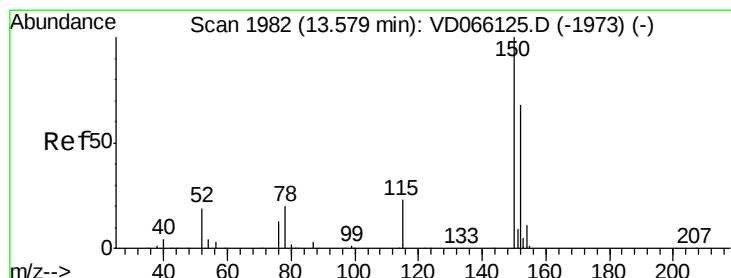
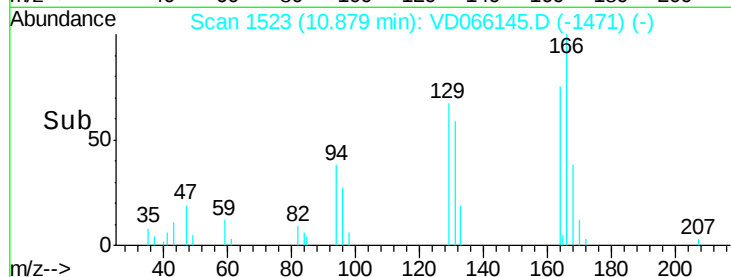
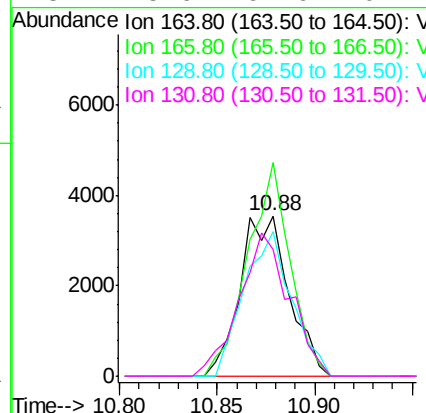
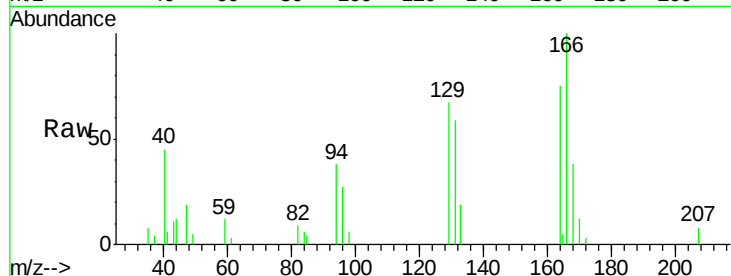




#64
Tetrachloroethene
Concen: 1.435 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD066145.D
Acq: 06 Aug 2020 20:07

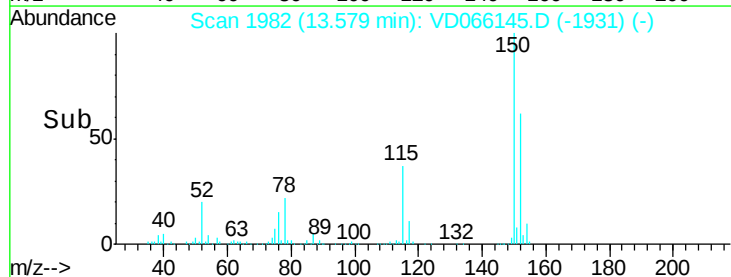
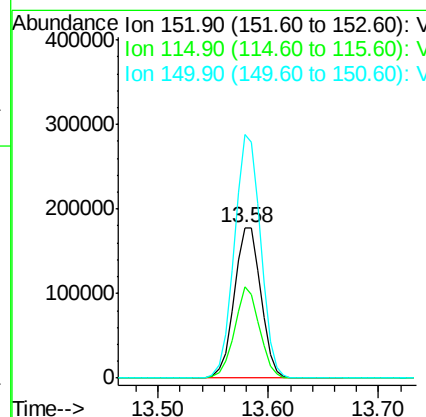
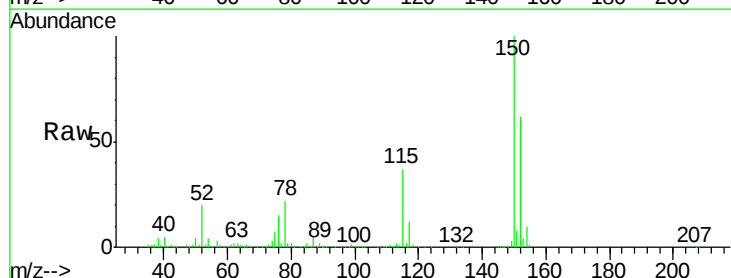
Instrument :
MSVOA_D
ClientSampleId :
FK-0D015-03-016

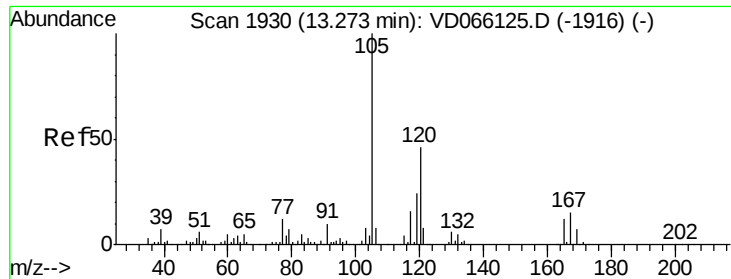
Tot Ion:	164	Resp:	6128
Ion	Ratio	Lower	Upper
164	100		
166	133.0	101.9	152.9
129	89.7	68.1	102.1
131	78.6	67.6	101.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066145.D
Acq: 06 Aug 2020 20:07

Tgt Ion:	152	Resp:	302411
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	83.9
150	159.4	0.0	346.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.043 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066145.D
 Acq: 06 Aug 2020 20:07

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

Tot Ion:105 Resp: 17629
 Ion Ratio Lower Upper
 105 100
 120 41.1 23.1 69.2

