

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066247.D
 Acq On : 14 Aug 2020 20:08
 Operator : VA/SY
 Sample : L3679-07RE
 Misc : 8.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816

Quant Time: Aug 17 09:55:43 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

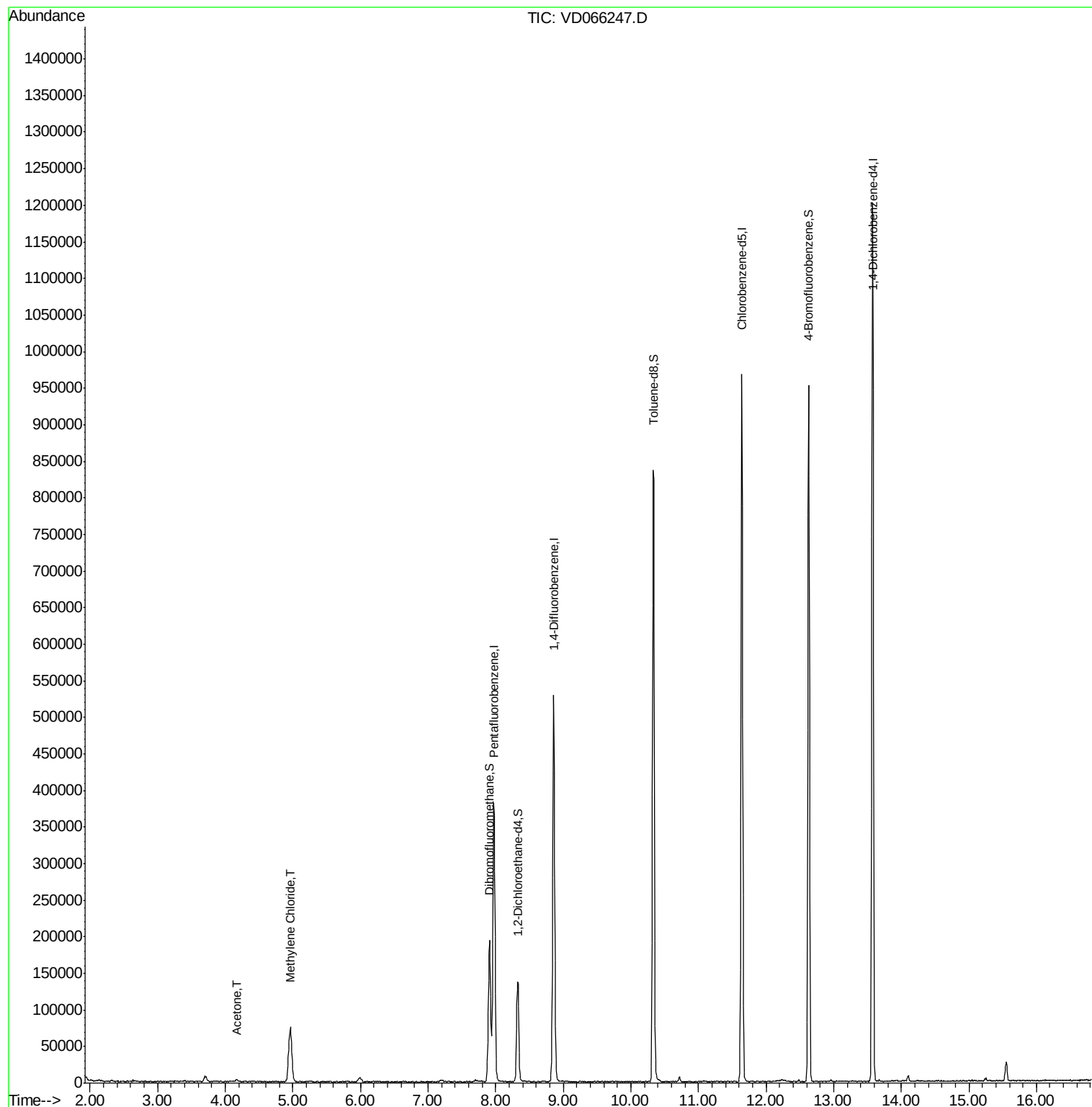
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	301523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	459191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	573227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	113444	42.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.34%	
35) Dibromofluoromethane	7.91	113	137846	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.34	98	572156	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.63	95	293189	75.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.54%	
Target Compounds						
16) Acetone	4.17	43	4449	8.716	ug/l	95
20) Methylene Chloride	4.96	84	60571	17.645	ug/l	96

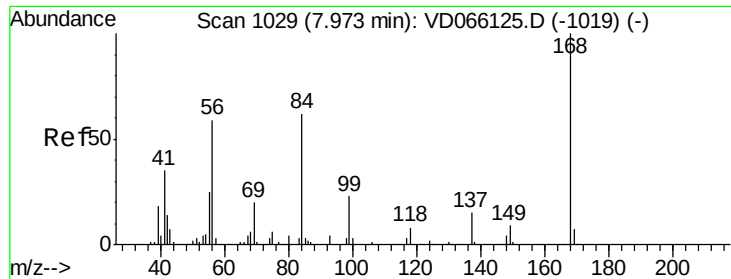
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066247.D

Acq: 14 Aug 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

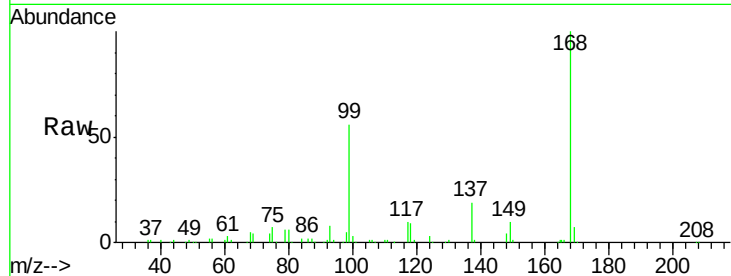
VD0816

Tot Ion:168 Resp: 301523

Ion Ratio Lower Upper

168 100

99 55.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

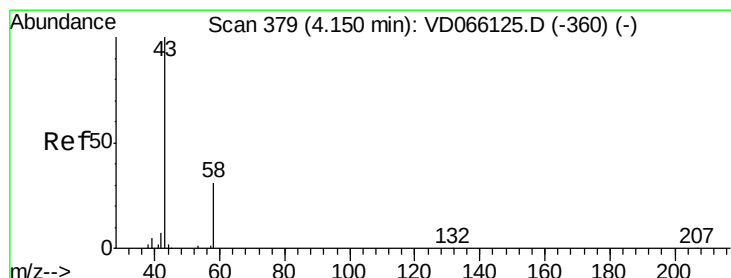
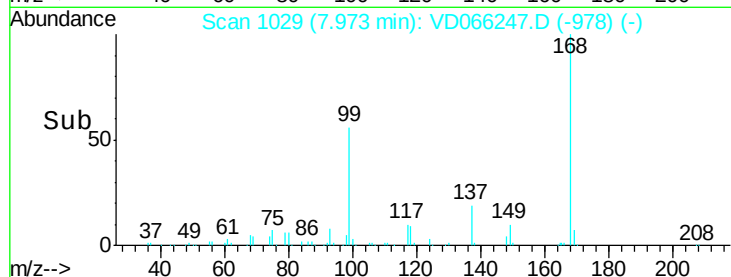
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 8.716 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066247.D

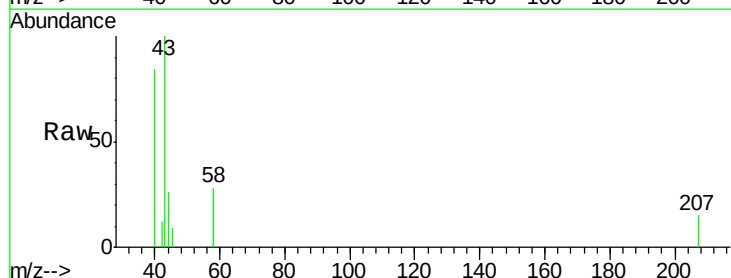
Acq: 14 Aug 2020 20:08

Tgt Ion: 43 Resp: 4449

Ion Ratio Lower Upper

43 100

58 28.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

1500

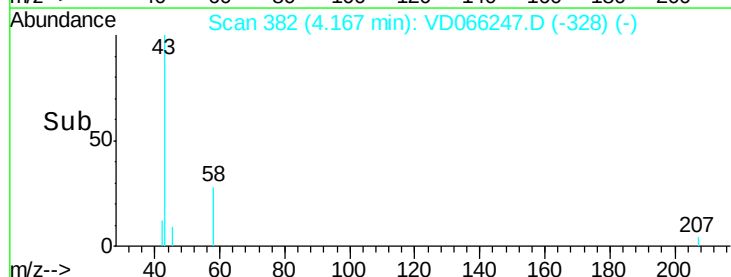
1000

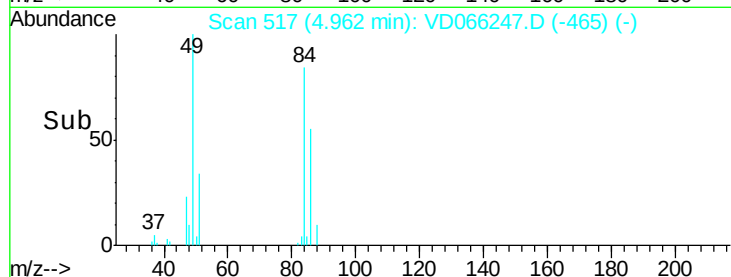
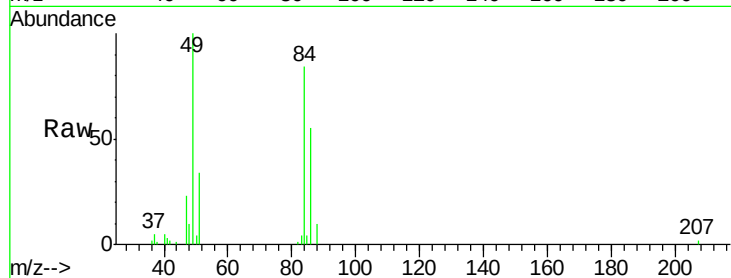
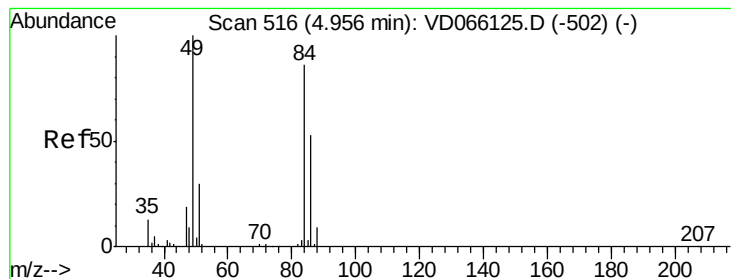
500

0

Time-->

4.05 4.10 4.15 4.20 4.25





#20

Methylene Chloride

Concen: 17.645 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066247.D

Acq: 14 Aug 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VD0816

Tot Ion: 84 Resp: 60571

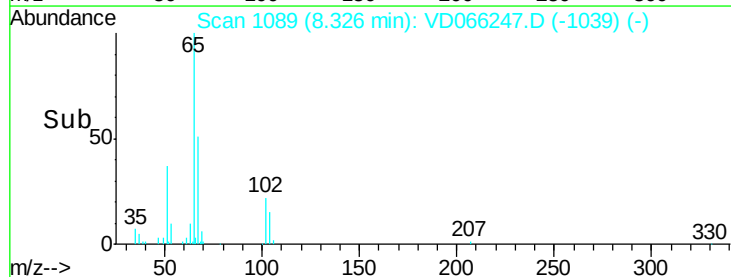
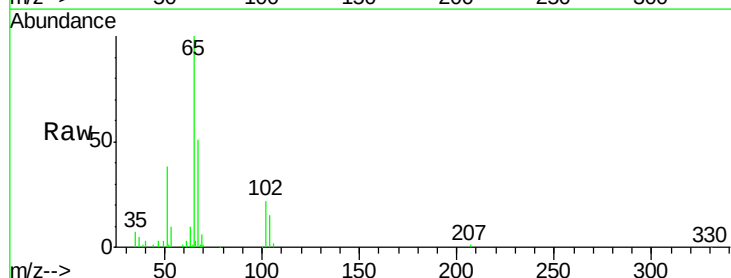
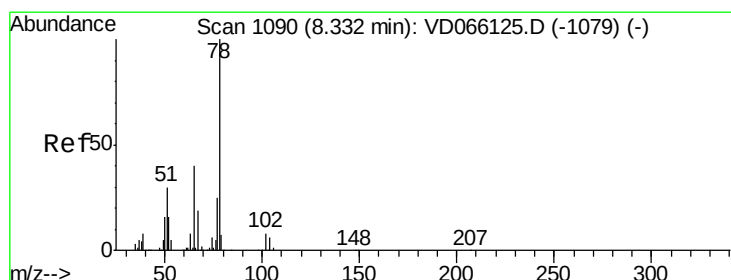
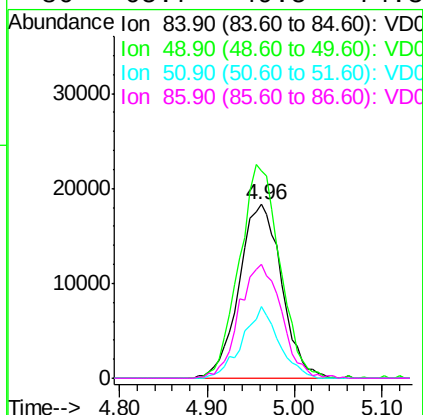
Ion Ratio Lower Upper

84 100

49 119.6 93.5 140.3

51 41.1 28.2 42.4

86 65.7 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 42.172 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066247.D

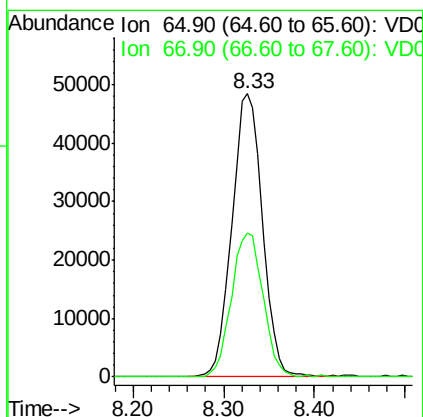
Acq: 14 Aug 2020 20:08

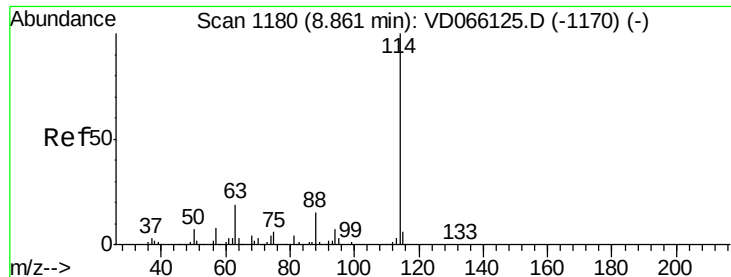
Tgt Ion: 65 Resp: 113444

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6

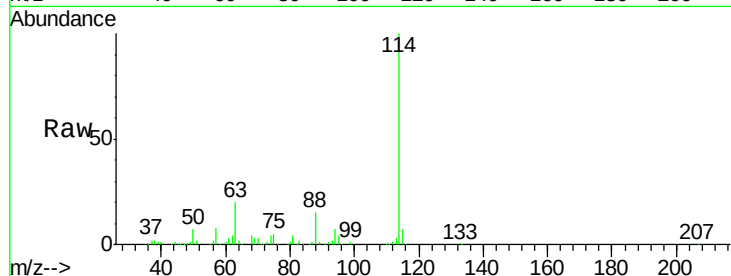




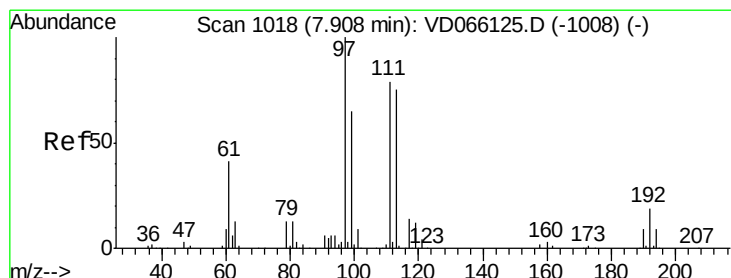
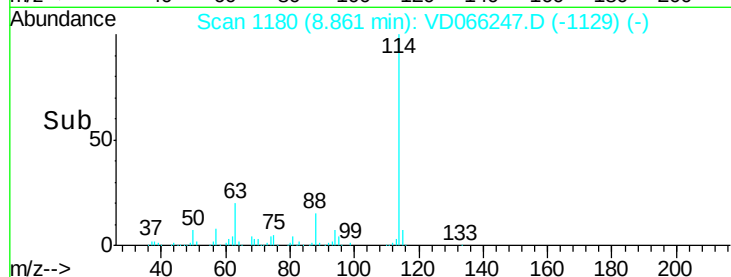
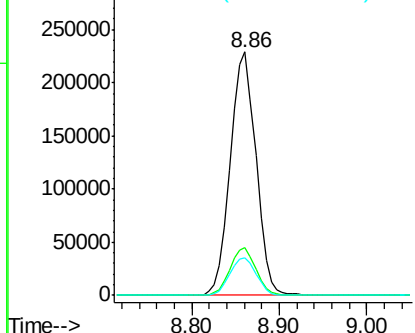
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066247.D
 Acq: 14 Aug 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.4	0.0	30.0

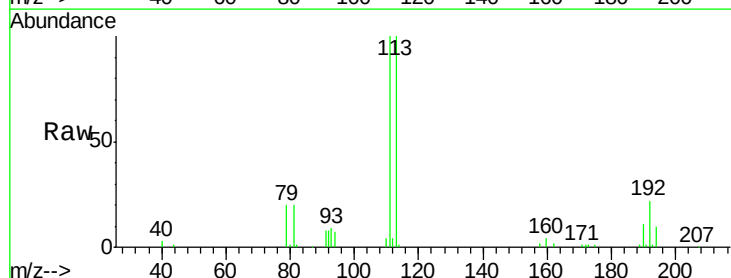


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

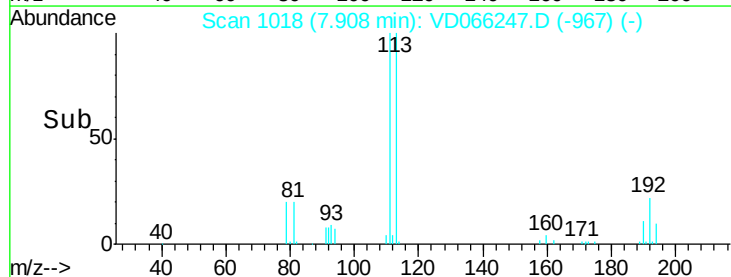
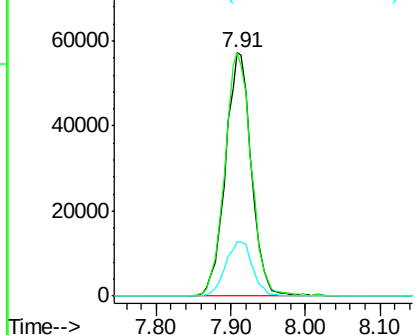


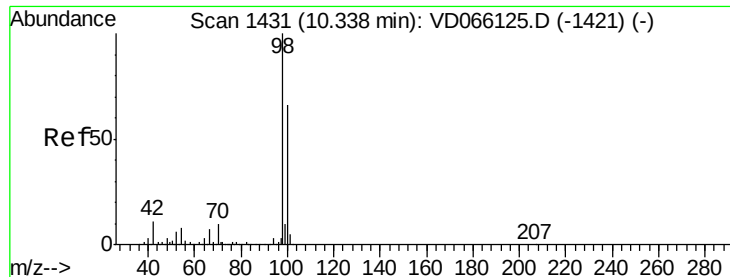
#35
 Dibromofluoromethane
 Concen: 47.387 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066247.D
 Acq: 14 Aug 2020 20:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.7	121.1
192	23.3	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

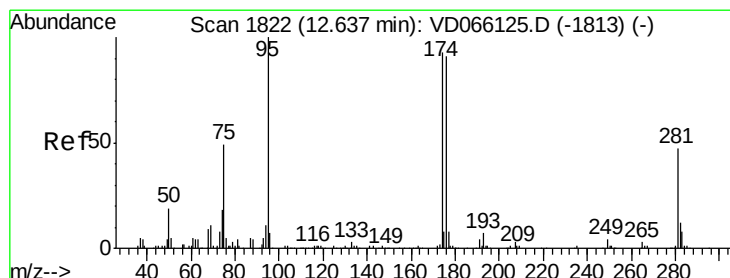
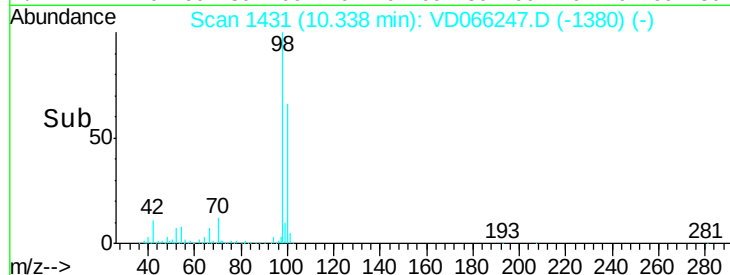
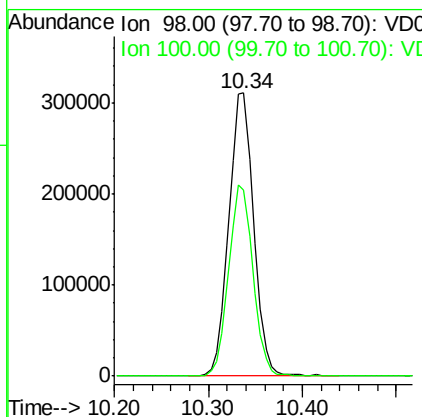
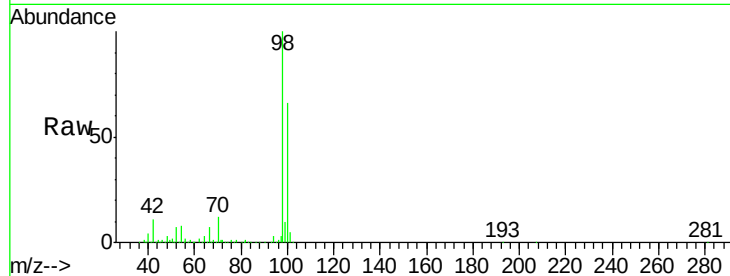




#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066247.D
Acq: 14 Aug 2020 20:08

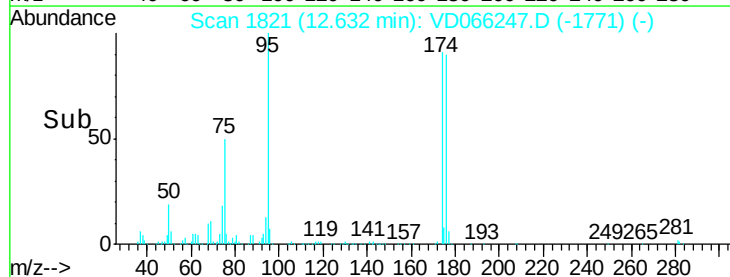
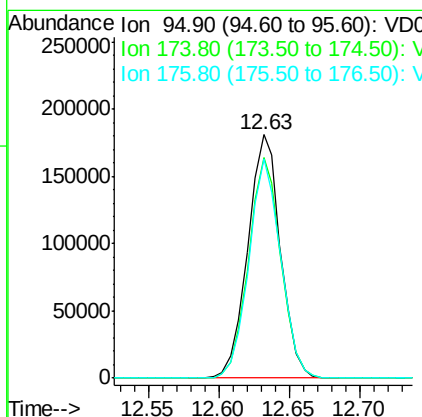
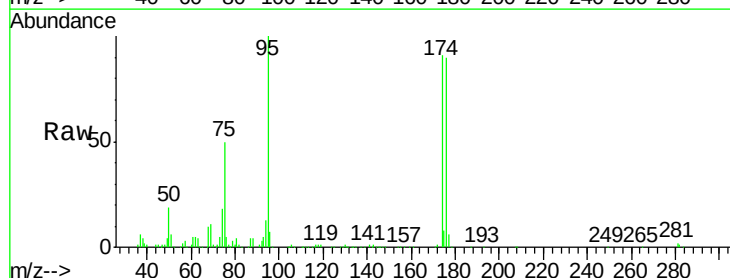
Instrument :
MSVOA_D
ClientSampleId :
VD0816

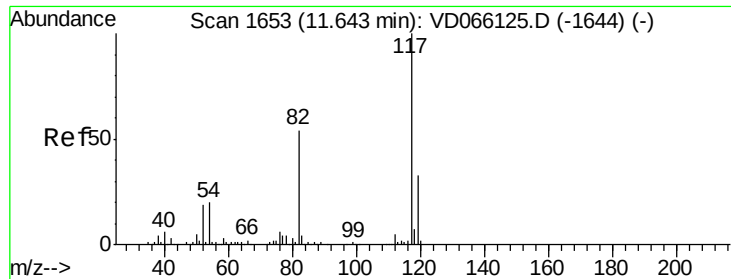
Tot Ion: 98 Resp: 572156
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 75.771 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066247.D
Acq: 14 Aug 2020 20:08

Tgt Ion: 95 Resp: 293189
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.8
176 88.1 0.0 181.2

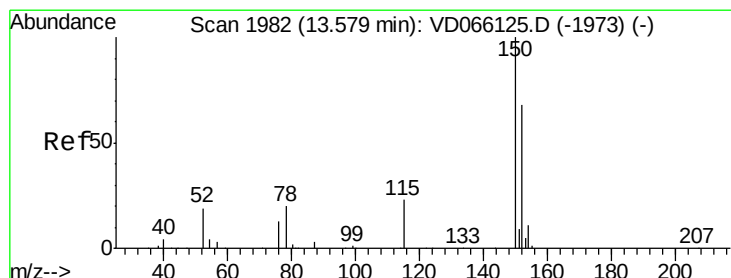
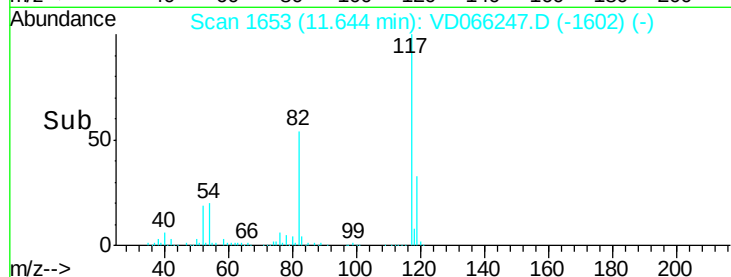
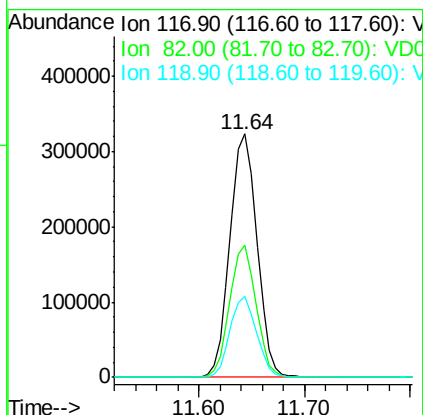
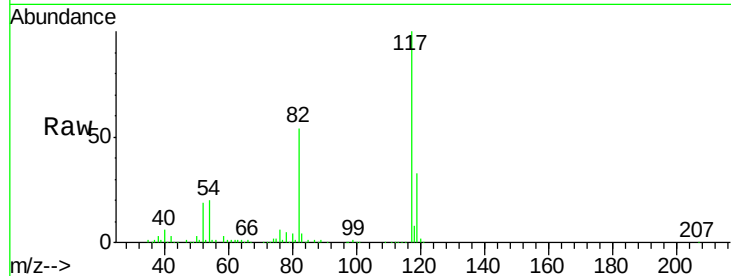




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066247.D
Acq: 14 Aug 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VD0816

Tot Ion:117 Resp: 573227
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 33.1 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: VD066247.D
Acq: 14 Aug 2020 20:08

Tgt Ion:152 Resp: 329249
Ion Ratio Lower Upper
152 100
115 56.6 28.0 83.9
150 157.6 0.0 346.4

