

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066242.D
 Acq On : 14 Aug 2020 17:49
 Operator : VA/SY
 Sample : L3679-12
 Misc : 7.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0815

Quant Time: Aug 17 09:30:15 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

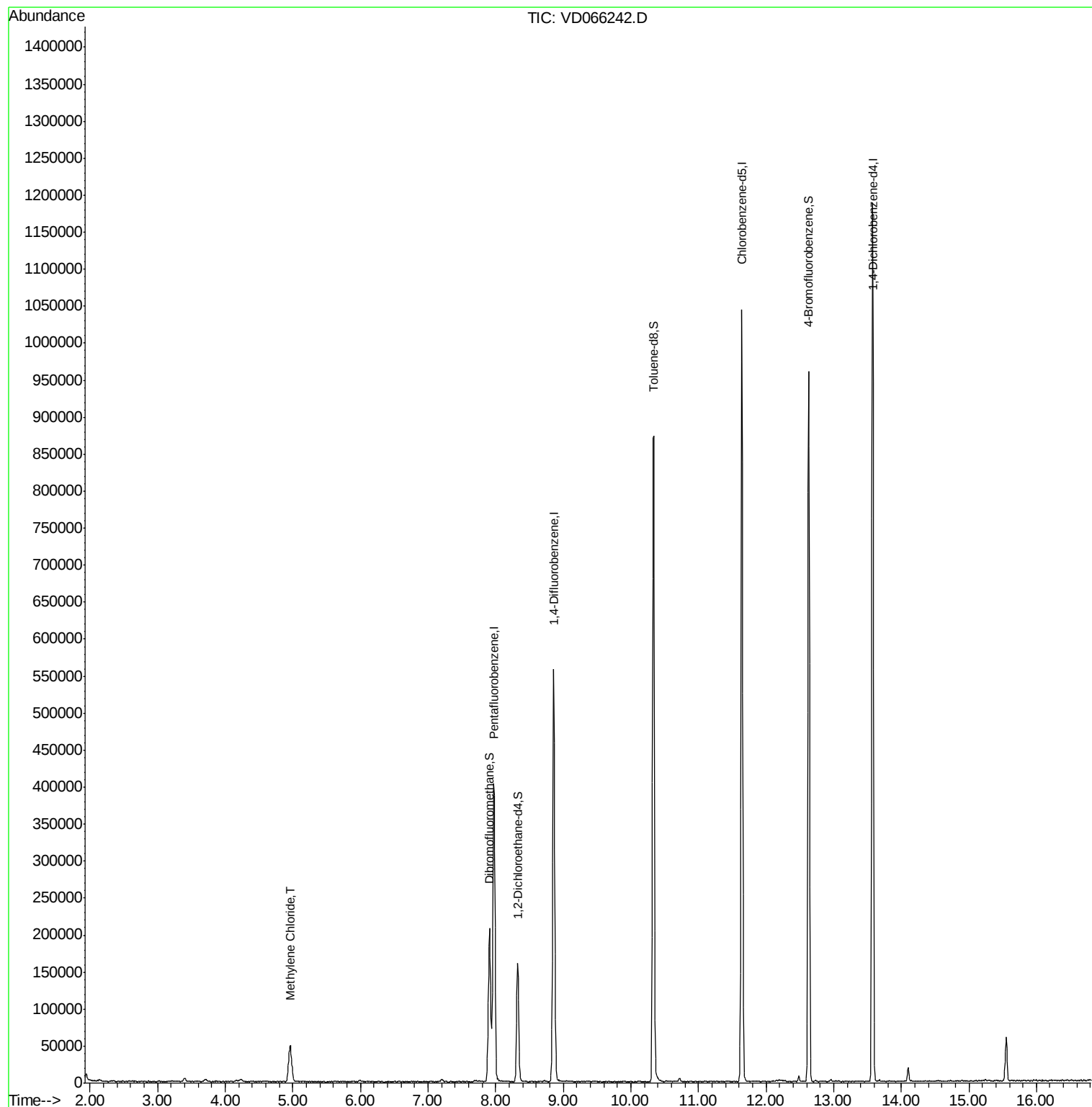
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	320474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	494255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	126725	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
35) Dibromofluoromethane	7.91	113	147077	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	10.33	98	609454	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.63	95	296394	71.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.32%	
Target Compounds						
20) Methylene Chloride	4.96	84	38836	8.603	ug/l	Qvalue 90

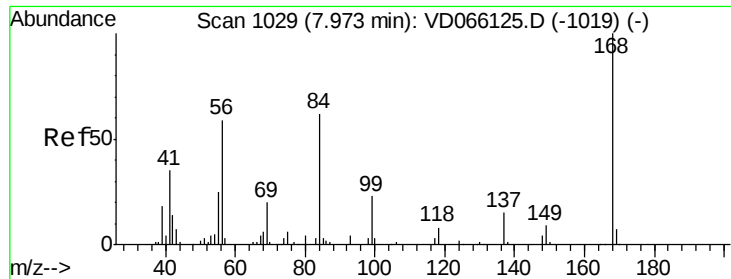
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

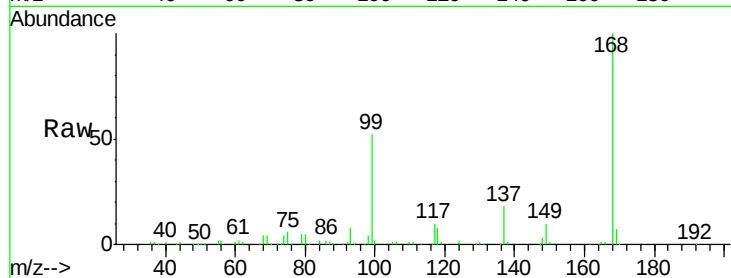
VD0815

Tot Ion:168 Resp: 320474

Ion Ratio Lower Upper

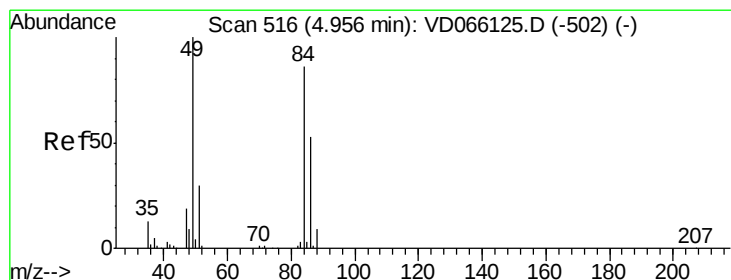
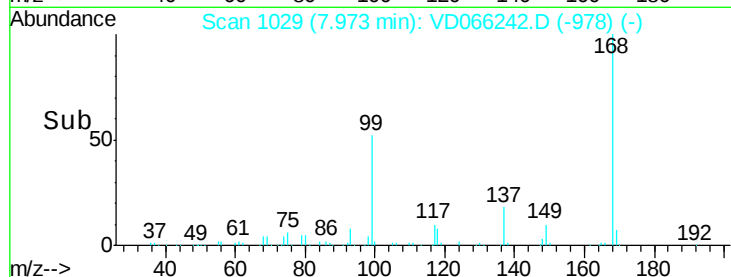
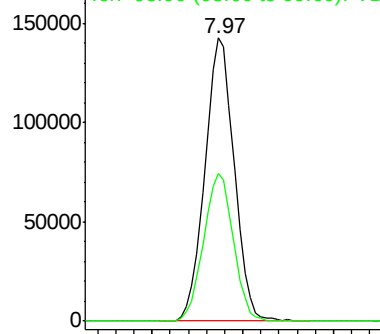
168 100

99 52.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 8.603 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066242.D

Acq: 14 Aug 2020 17:49

Tgt Ion: 84 Resp: 38836

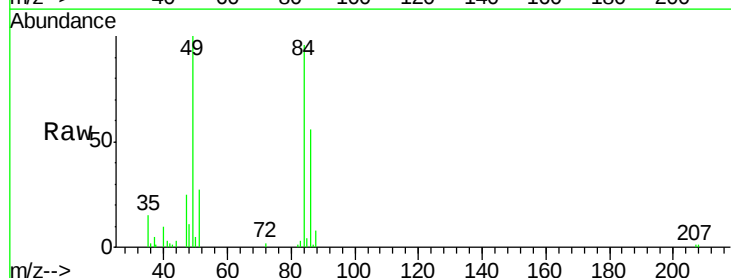
Ion Ratio Lower Upper

84 100

49 104.2 93.5 140.3

51 28.4 28.2 42.4

86 58.0 49.5 74.3

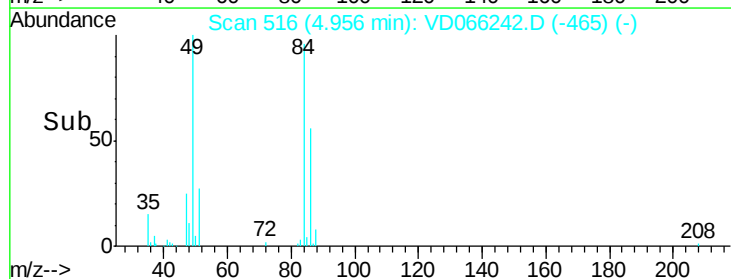
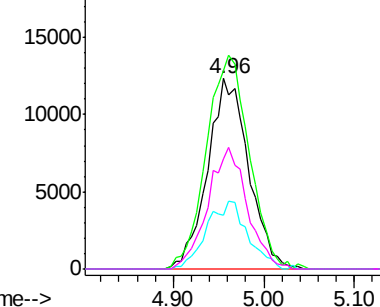


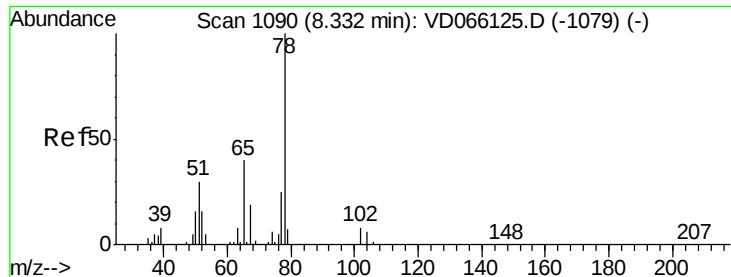
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 44.323 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066242.D

Acq: 14 Aug 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

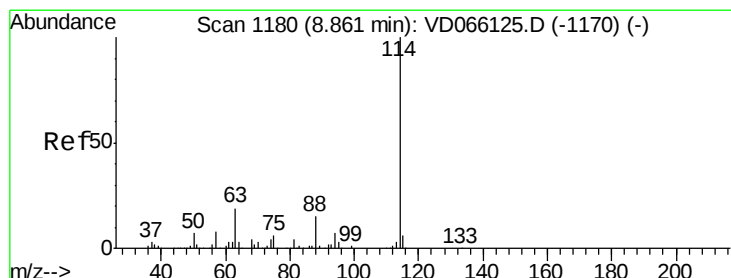
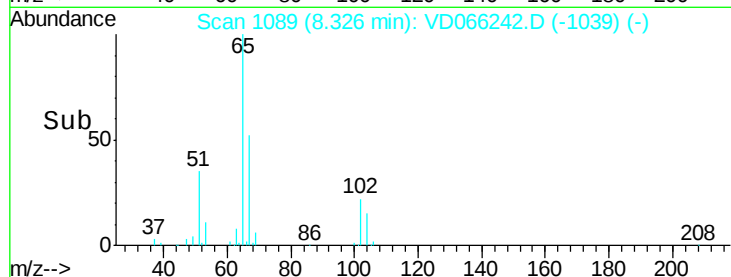
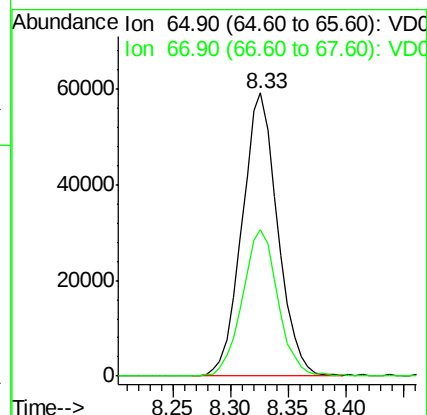
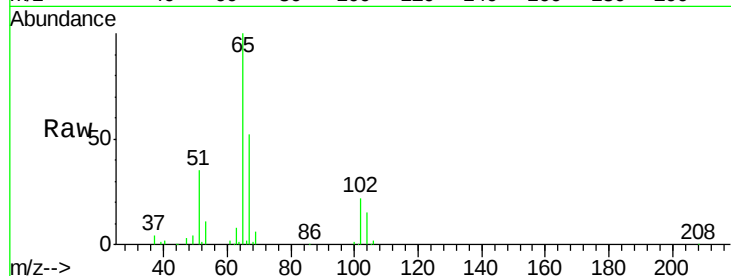
VD0815

Tot Ion: 65 Resp: 126725

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066242.D

Acq: 14 Aug 2020 17:49

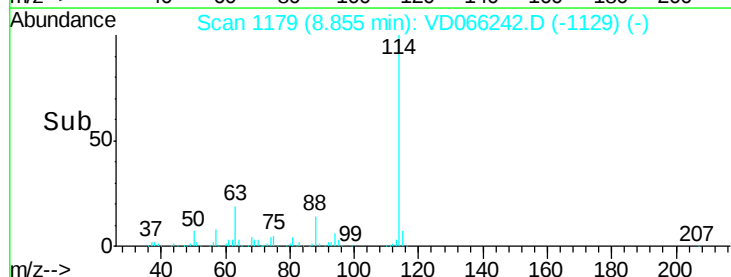
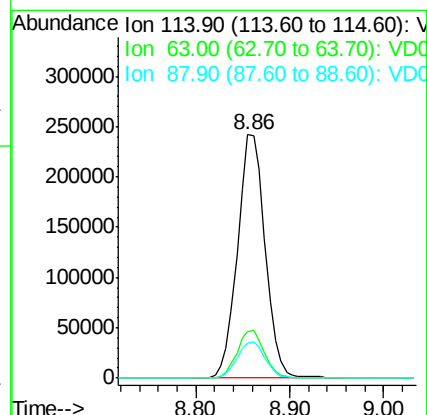
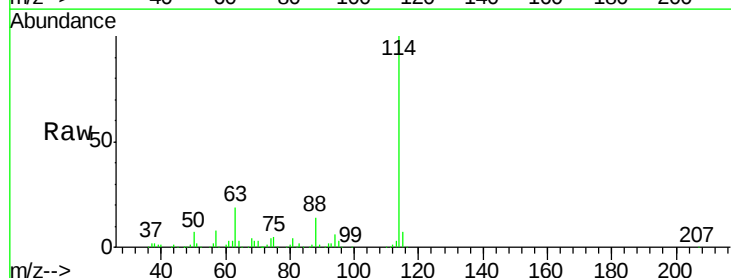
Tgt Ion: 114 Resp: 494255

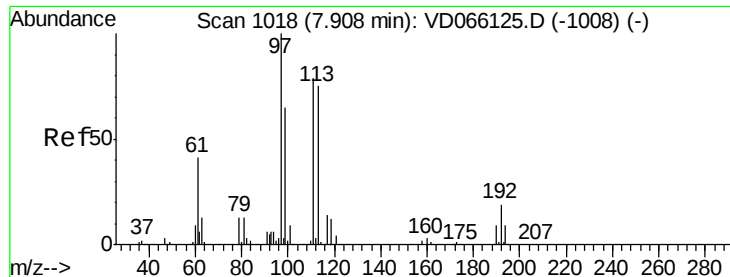
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 14.3 0.0 30.0

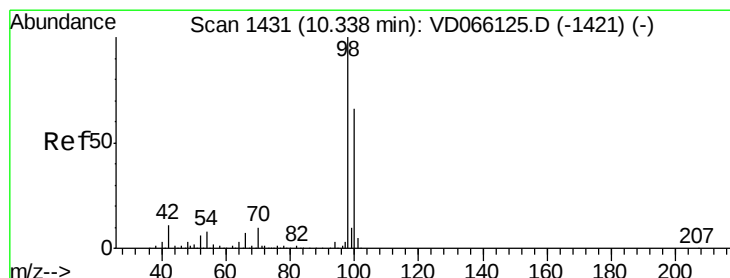
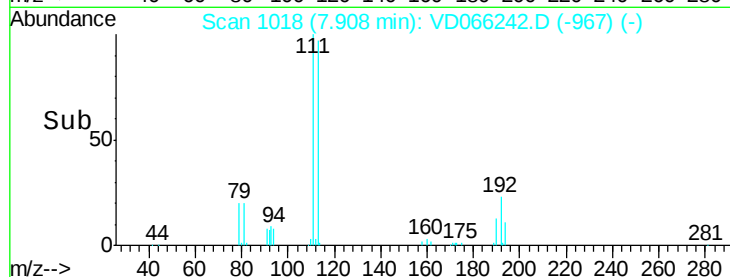
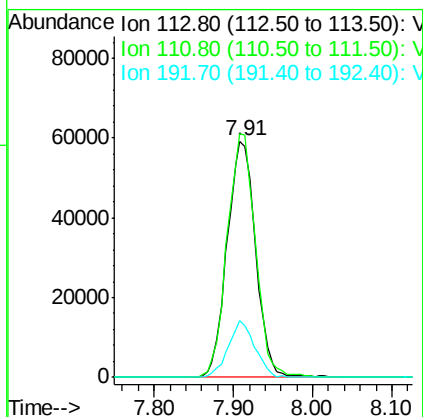
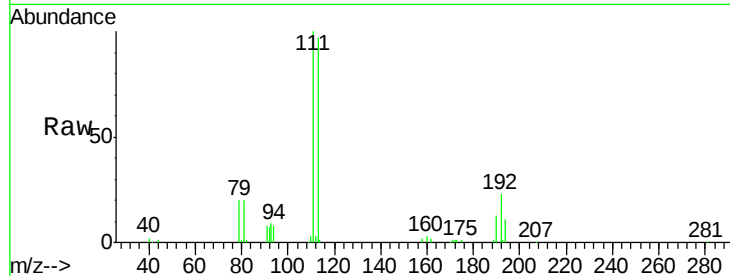




#35
 Dibromofluoromethane
 Concen: 46.974 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066242.D
 Acq: 14 Aug 2020 17:49

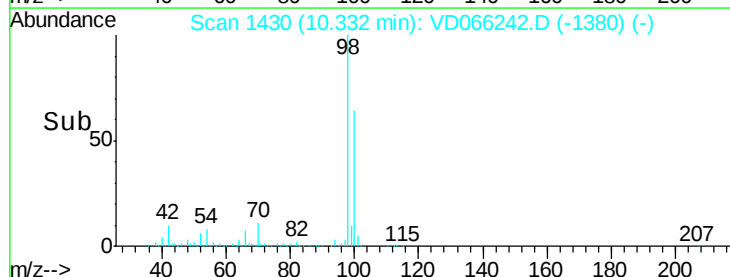
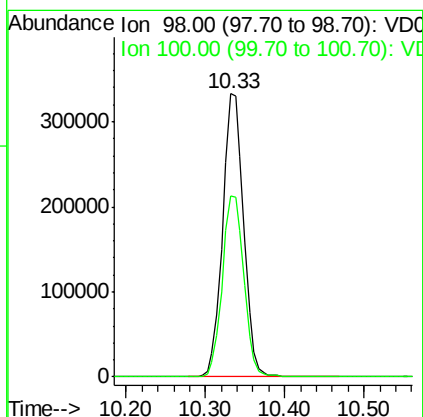
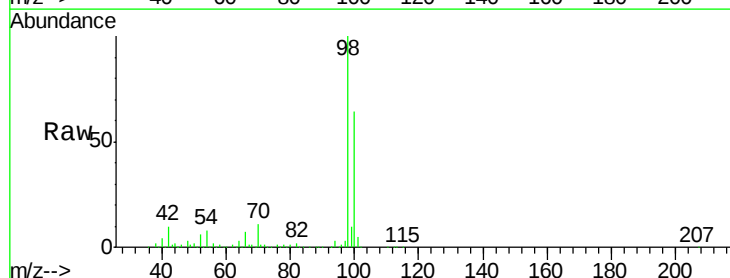
Instrument :
 MSVOA_D
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 VD0815

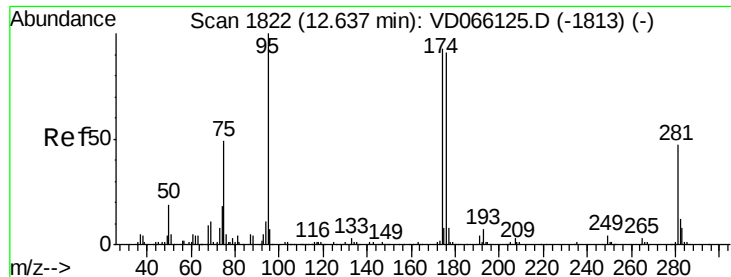
Tot Ion:113 Resp: 147077
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.4 18.4 27.6



#50
 Toluene-d8
 Concen: 52.747 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066242.D
 Acq: 14 Aug 2020 17:49

Tgt Ion: 98 Resp: 609454
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8

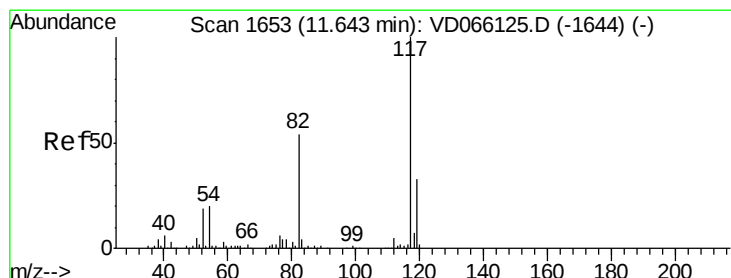
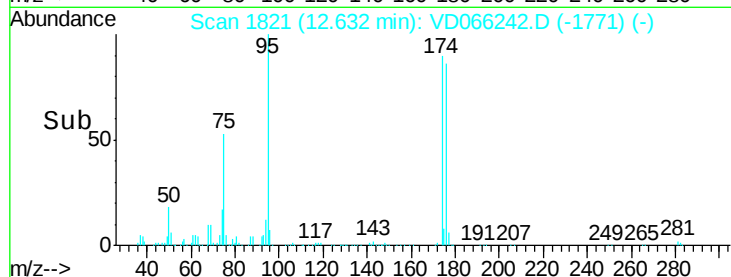
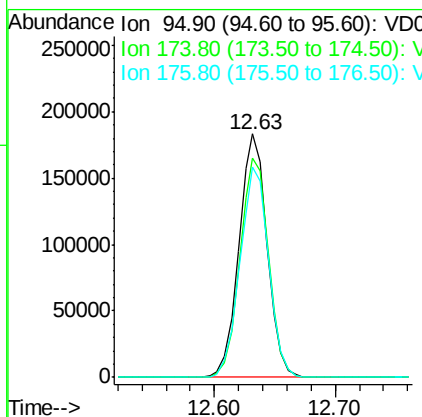
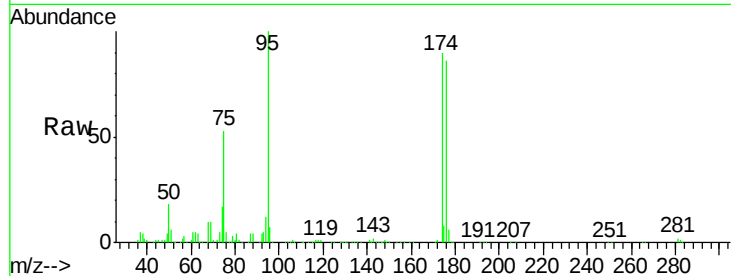




#62
4-Bromofluorobenzene
Concen: 71.165 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066242.D
Acq: 14 Aug 2020 17:49

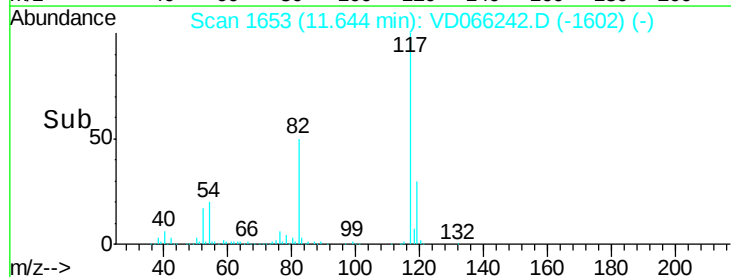
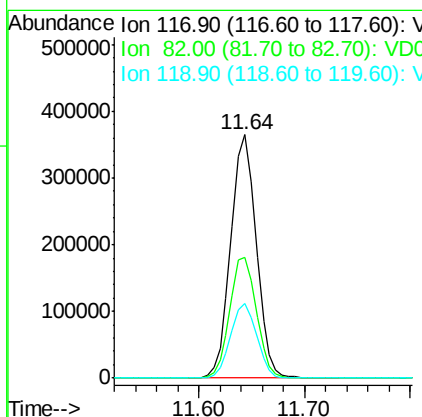
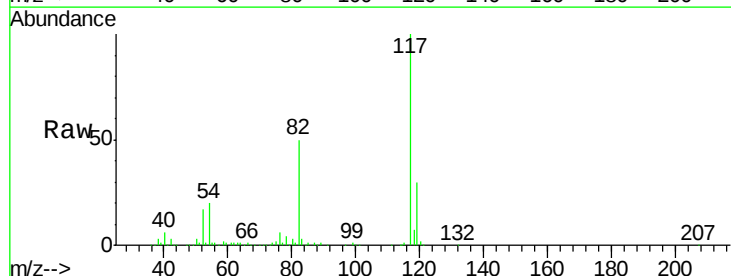
Instrument :
MSVOA_D
ClientSampleId :
VD0815

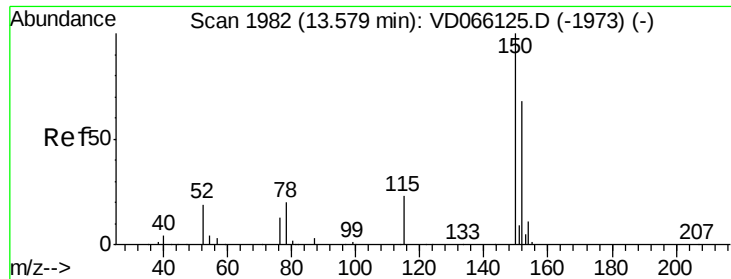
Tot Ion: 95 Resp: 296394
Ion Ratio Lower Upper
95 100
174 91.8 0.0 180.8
176 88.2 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066242.D
Acq: 14 Aug 2020 17:49

Tgt Ion: 117 Resp: 610093
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 30.4 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: VD066242.D

Acq: 14 Aug 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

VD0815

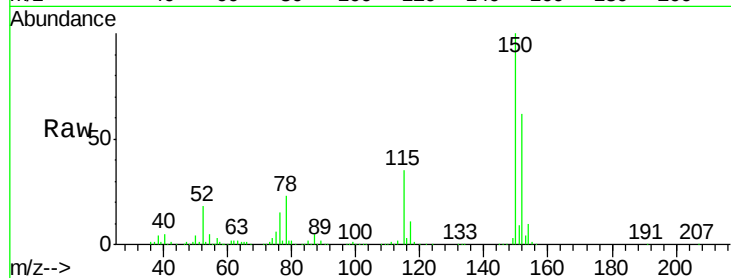
Tot Ion:152 Resp: 328330

Ion Ratio Lower Upper

152 100

115 56.0 28.0 83.9

150 157.3 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

