

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066348.D
 Acq On : 20 Aug 2020 06:48
 Operator : VA/SY
 Sample : L3729-02
 Misc : 4.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(3-4)

Quant Time: Aug 20 08:26:56 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

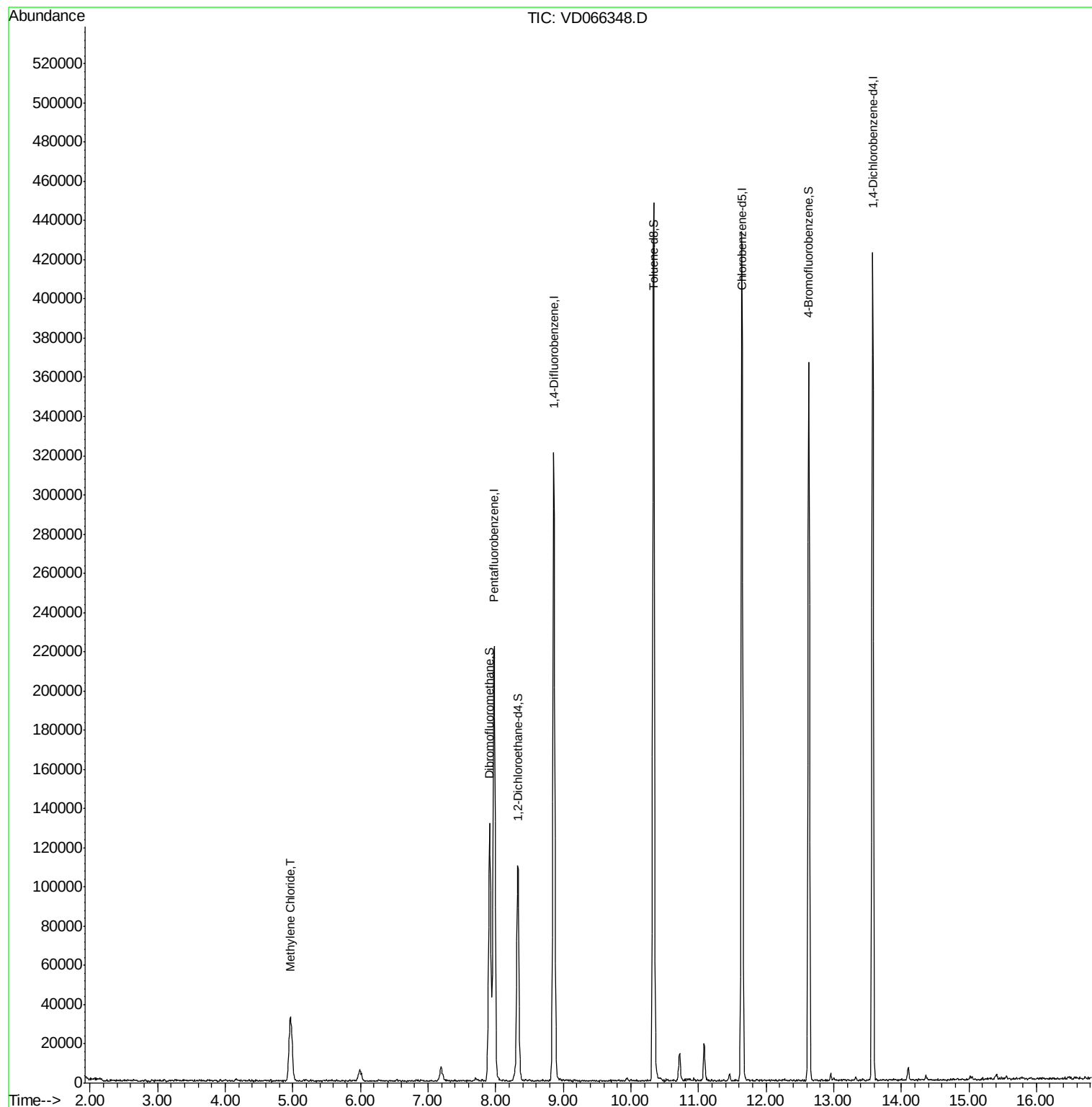
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	168356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	275293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	250173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	95099	63.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.64%	
35) Dibromofluoromethane	7.91	113	89120	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.34	98	303156	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.63	95	103997	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
20) Methylene Chloride	4.97	84	28036	13.748	ug/l	Qvalue 89

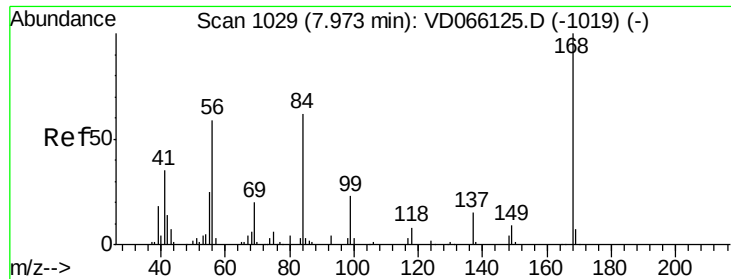
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_D

ClientSampleId :

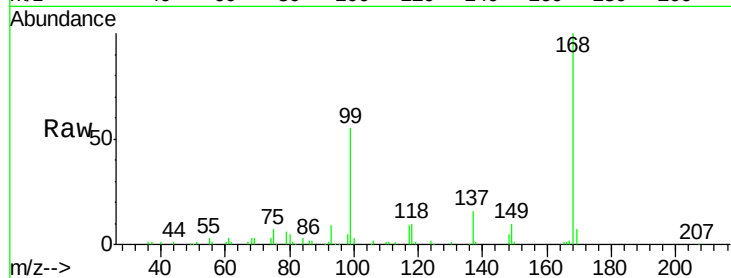
SB-4-(3-4)

Tot Ion:168 Resp: 168356

Ion Ratio Lower Upper

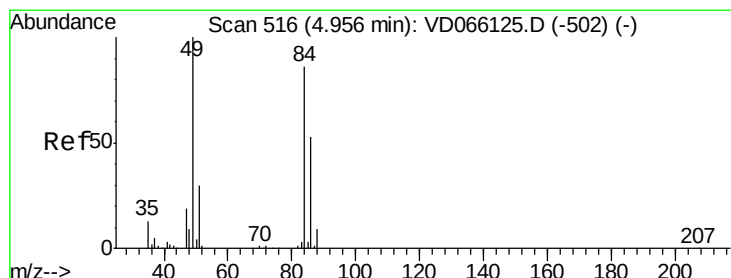
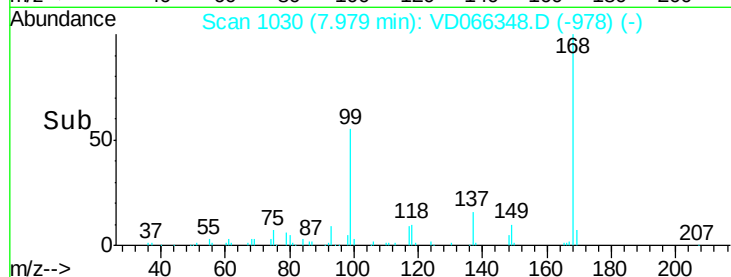
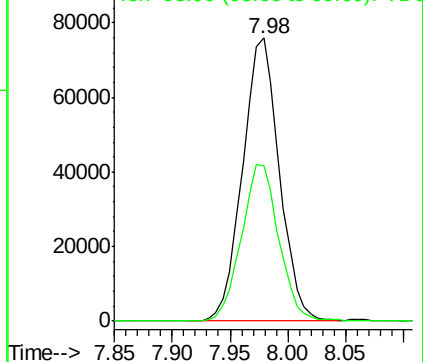
168 100

99 54.7 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: 13.748 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066348.D

Acq: 20 Aug 2020 06:48

Tgt Ion: 84 Resp: 28036

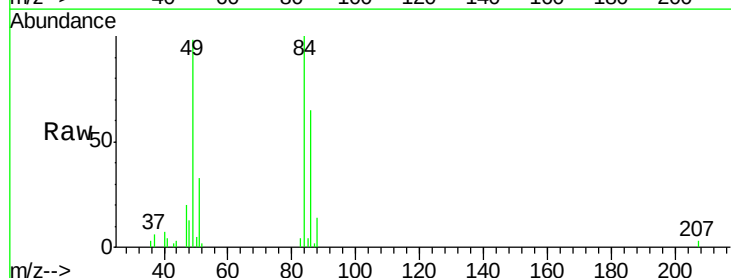
Ion Ratio Lower Upper

84 100

49 98.1 93.5 140.3

51 33.3 28.2 42.4

86 64.7 49.5 74.3

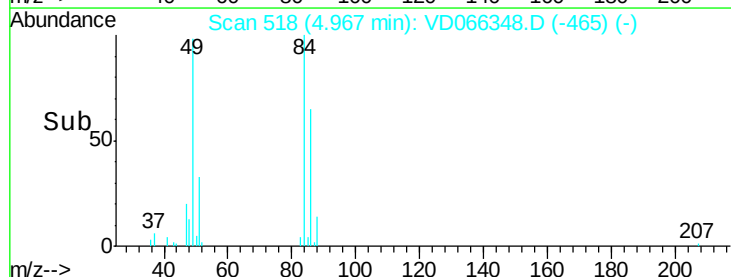
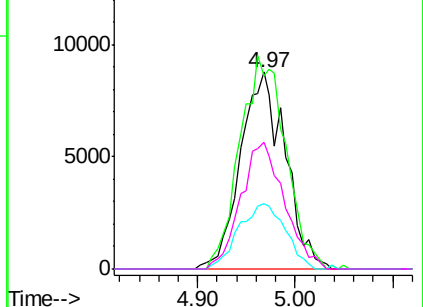


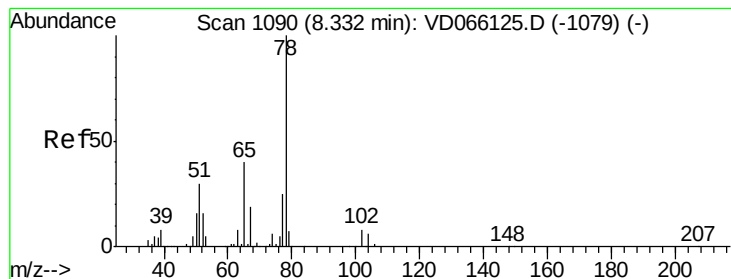
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 63.315 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066348.D

Acq: 20 Aug 2020 06:48

Instrument :

MSVOA_D

ClientSampleId :

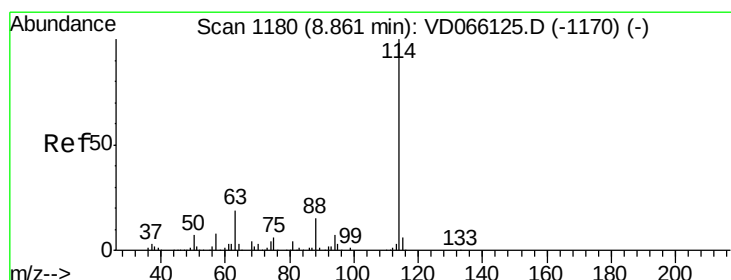
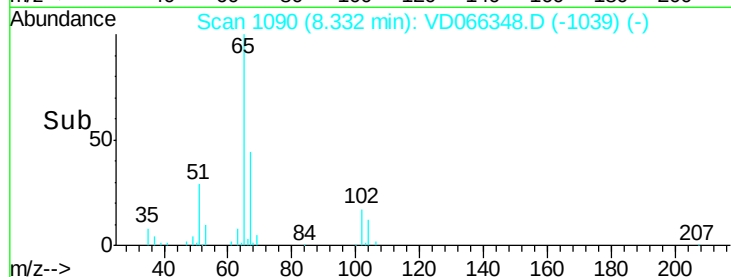
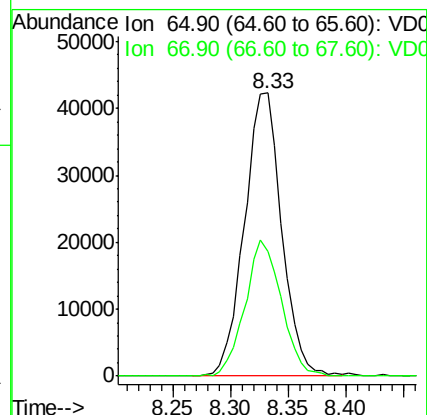
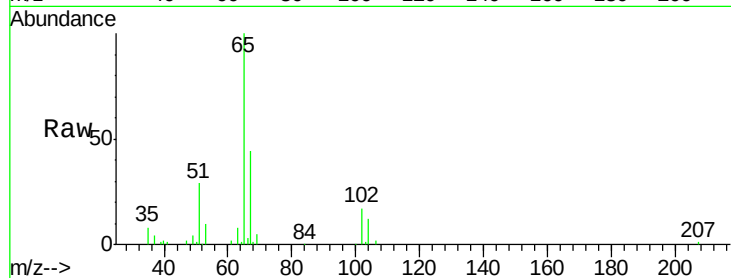
SB-4-(3-4)

Tot Ion: 65 Resp: 95099

Ion Ratio Lower Upper

65 100

67 46.8 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: VD066348.D

Acq: 20 Aug 2020 06:48

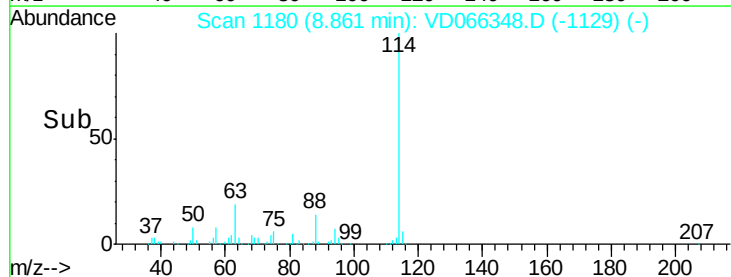
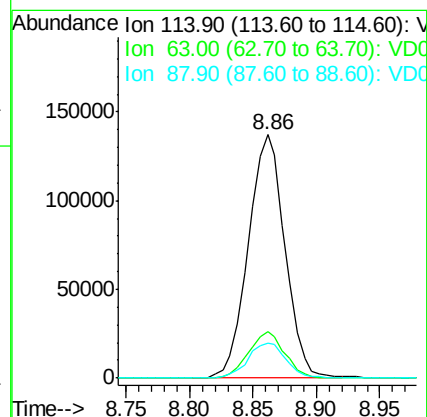
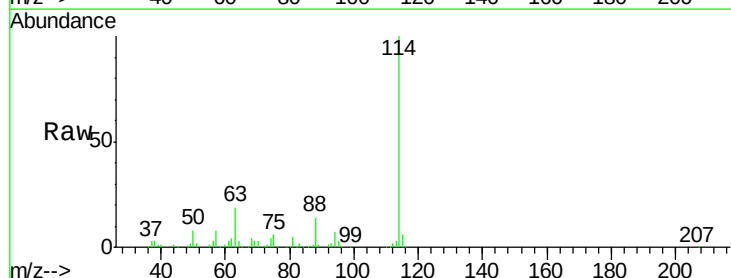
Tgt Ion: 114 Resp: 275293

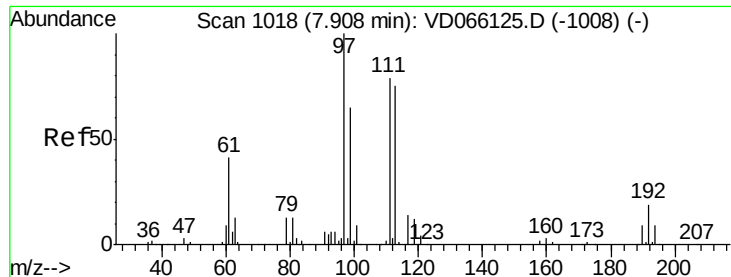
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 14.4 0.0 30.0

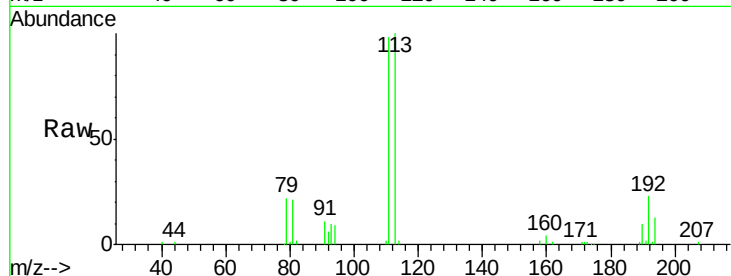




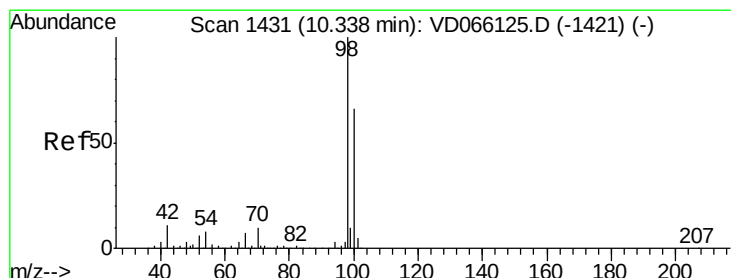
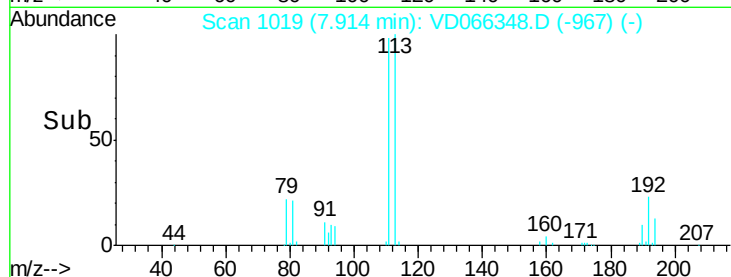
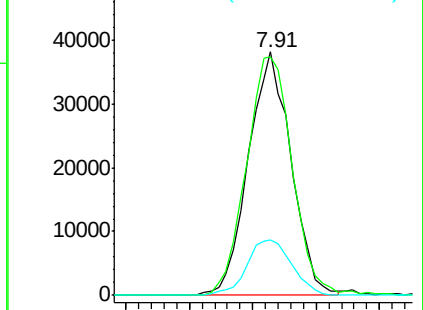
#35
 Dibromofluoromethane
 Concen: 51.102 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066348.D
 Acq: 20 Aug 2020 06:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(3-4)

Tot Ion:113 Resp: 89120
 Ion Ratio Lower Upper
 113 100
 111 105.9 80.7 121.1
 192 24.0 18.4 27.6

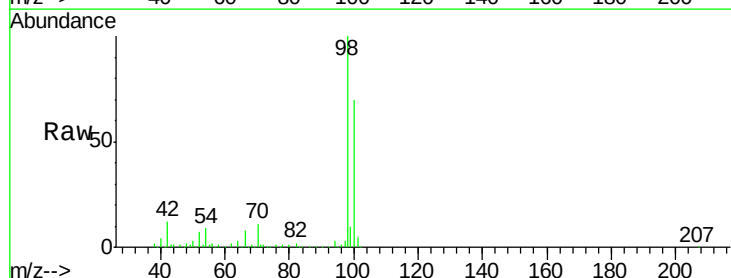


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

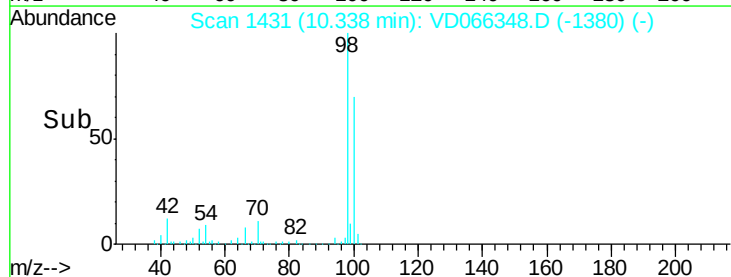
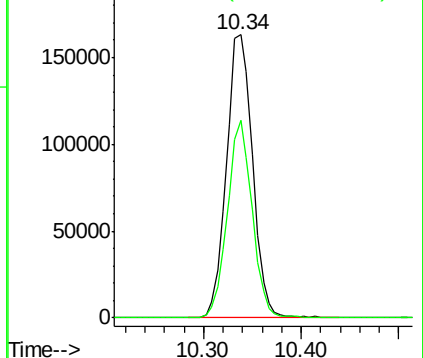


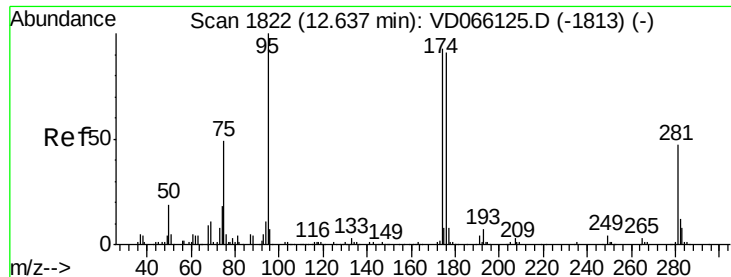
#50
 Toluene-d8
 Concen: 47.106 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066348.D
 Acq: 20 Aug 2020 06:48

Tgt Ion: 98 Resp: 303156
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

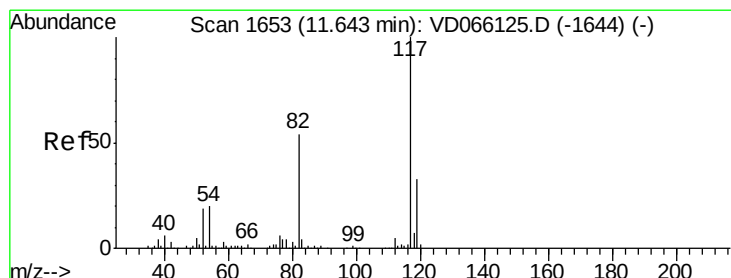
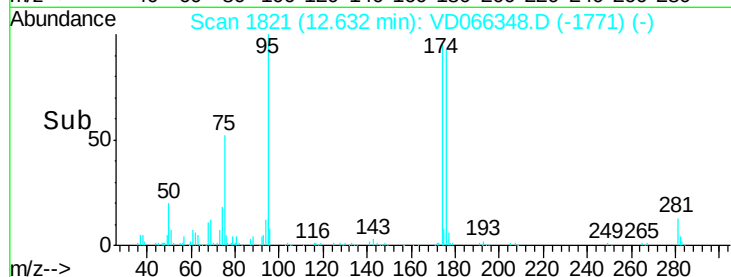
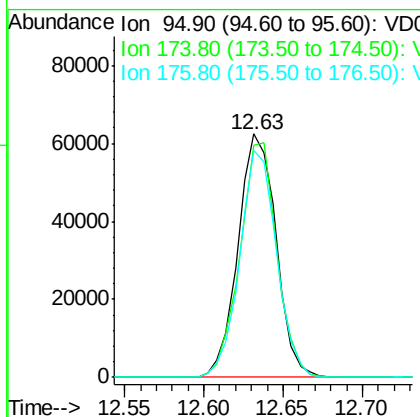
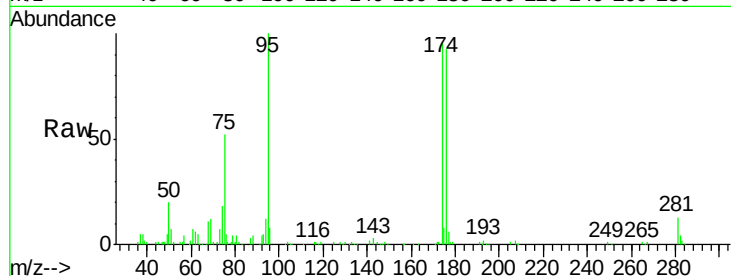




#62
4-Bromofluorobenzene
Concen: 44.830 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066348.D
Acq: 20 Aug 2020 06:48

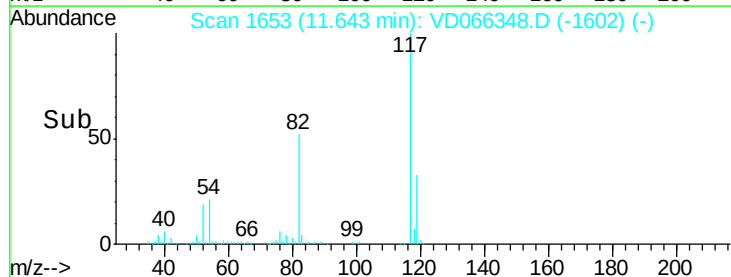
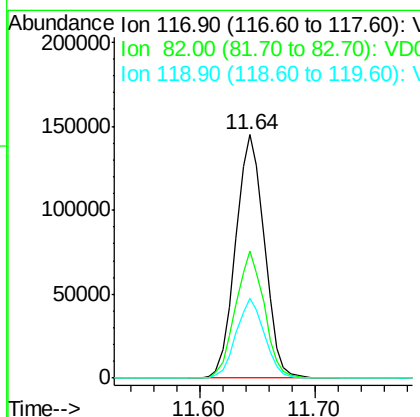
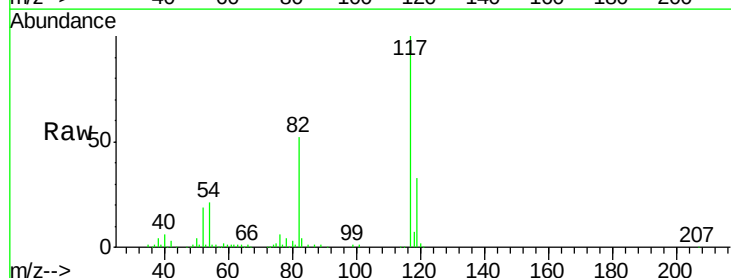
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(3-4)

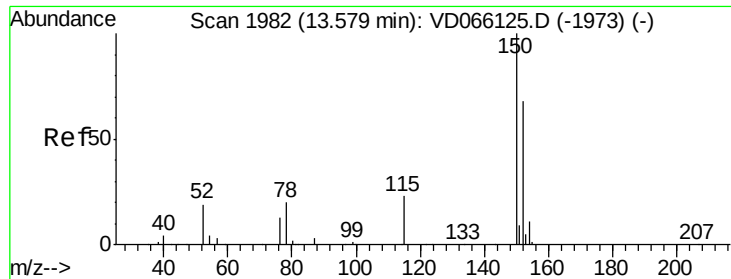
Tot Ion: 95 Resp: 103997
Ion Ratio Lower Upper
95 100
174 93.9 0.0 180.8
176 90.5 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066348.D
Acq: 20 Aug 2020 06:48

Tgt Ion: 117 Resp: 250173
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.6 26.1 39.1

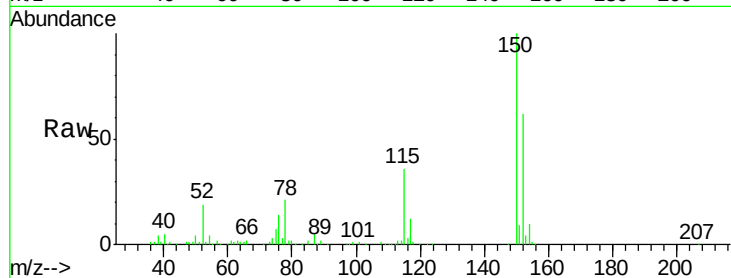




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066348.D
 Acq: 20 Aug 2020 06:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(3-4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.0	83.9
150	164.3	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

