

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066425.D
 Acq On : 26 Aug 2020 17:22
 Operator : VA/SY
 Sample : L3799-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Aug 27 08:33:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

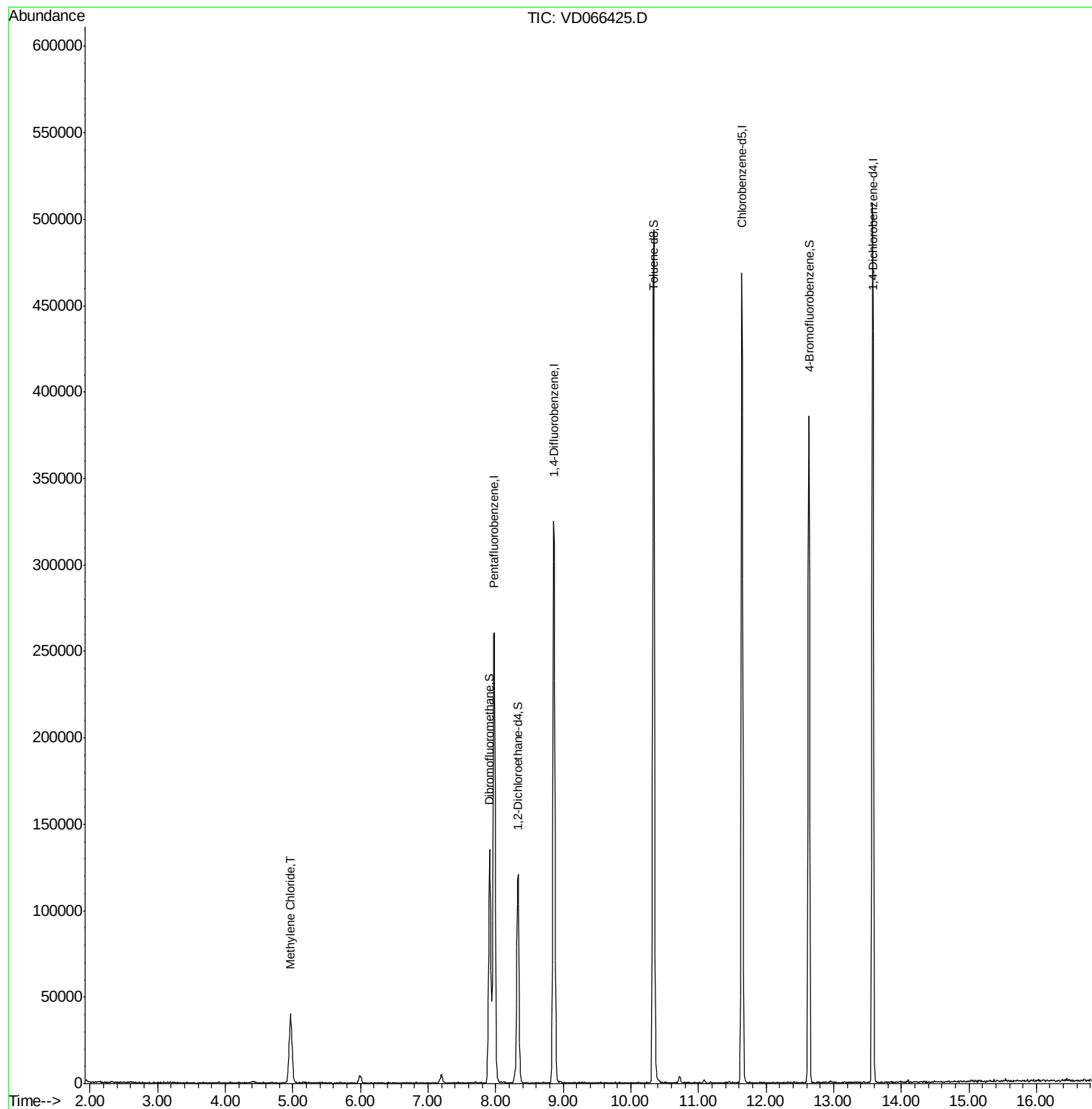
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	196727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	282831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	261417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	131511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	110699	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
35) Dibromofluoromethane	7.91	113	87291	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.34	98	333033	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.63	95	112996	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
20) Methylene Chloride	4.97	84	29293	10.801	ug/l #	Qvalue 89

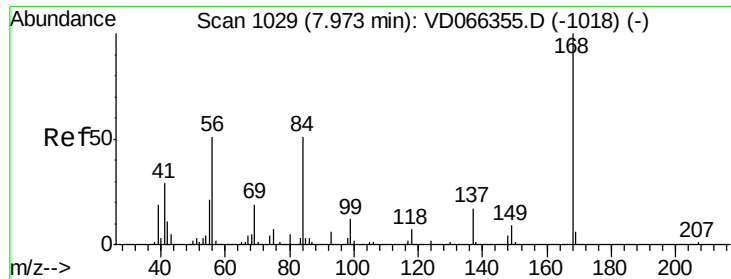
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066425.D

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MSVOA_D

ClientSampleId :

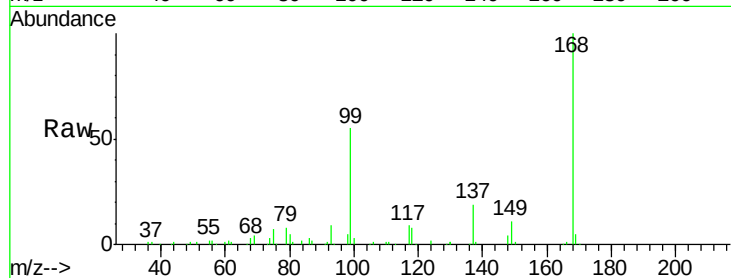
VOC

Tot Ion:168 Resp: 196727

Ion Ratio Lower Upper

168 100

99 55.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

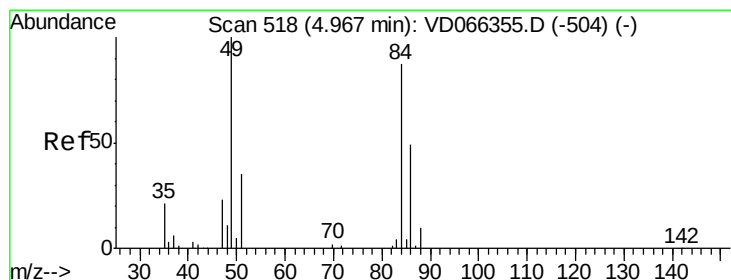
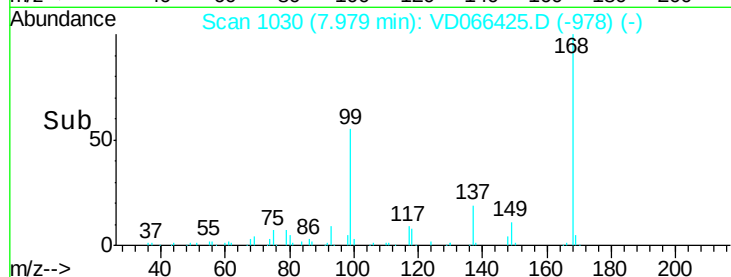
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 10.801 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066425.D

Acq: 26 Aug 2020 17:22

Tgt Ion: 84 Resp: 29293

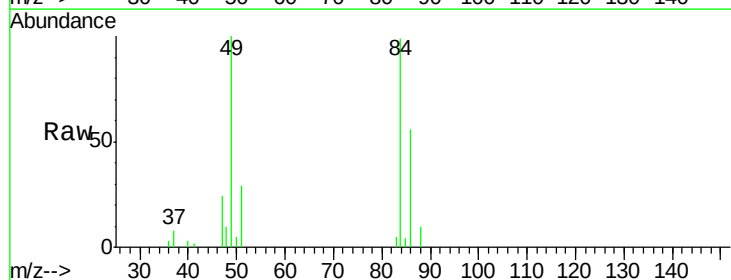
Ion Ratio Lower Upper

84 100

49 100.6 92.5 138.7

51 29.2 32.5 48.7#

86 56.2 45.0 67.6



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

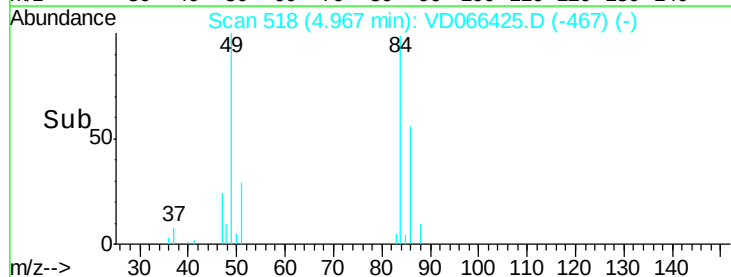
15000

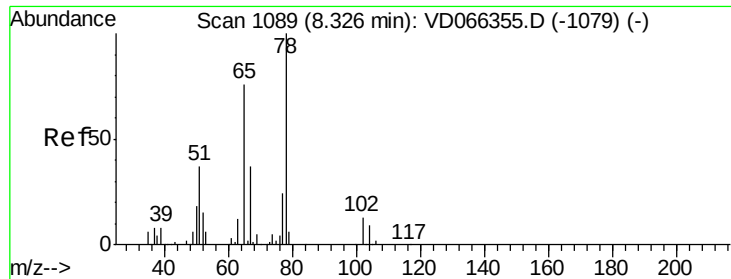
10000

5000

0

Time--> 4.90 4.95 5.00

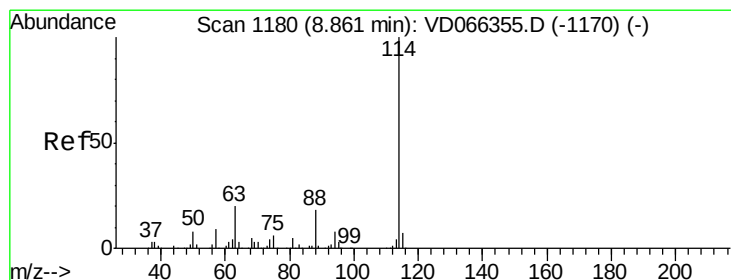
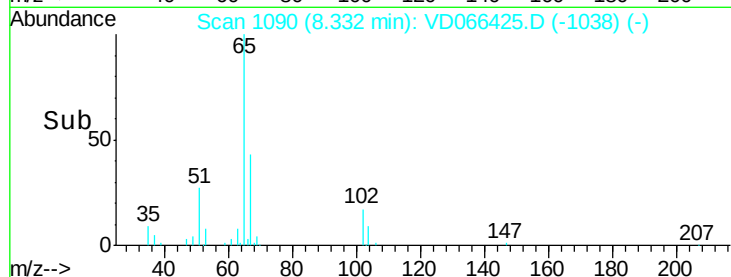
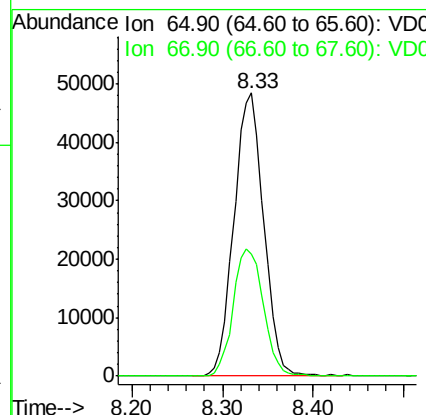
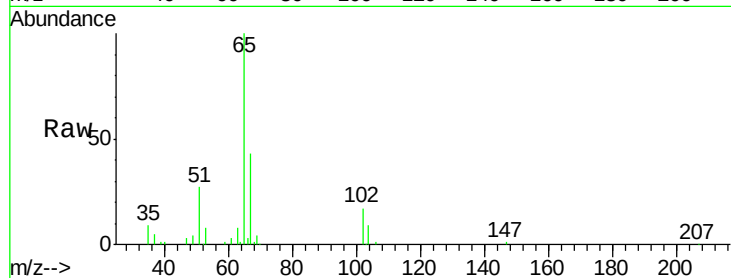




#33
 1,2-Dichloroethane-d4
 Concen: 57.396 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

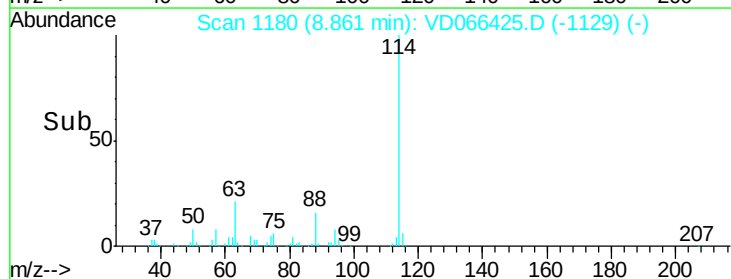
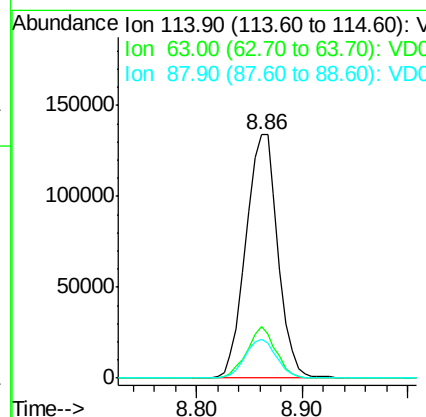
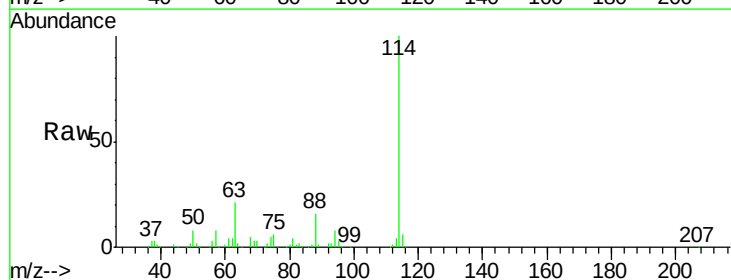
Instrument :
 MSVOA_D
 ClientSampled :
 VOC

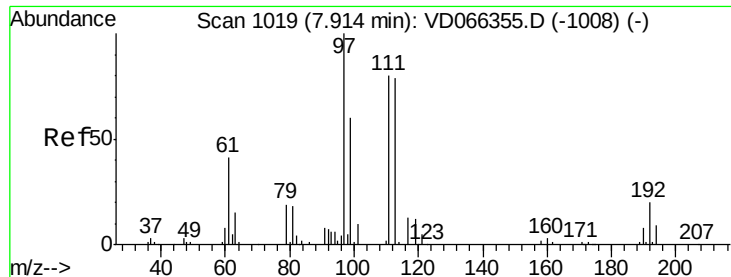
Tot Ion: 65 Resp: 110699
 Ion Ratio Lower Upper
 65 100
 67 45.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Tgt Ion: 114 Resp: 282831
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.2 0.0 35.4

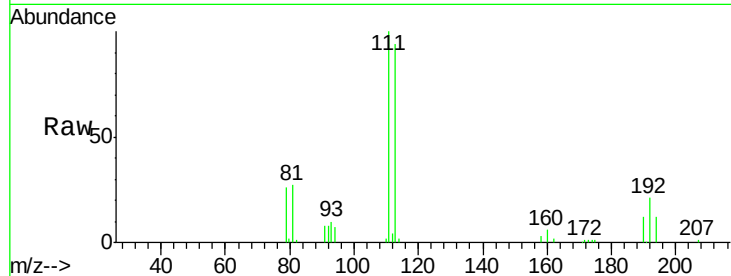




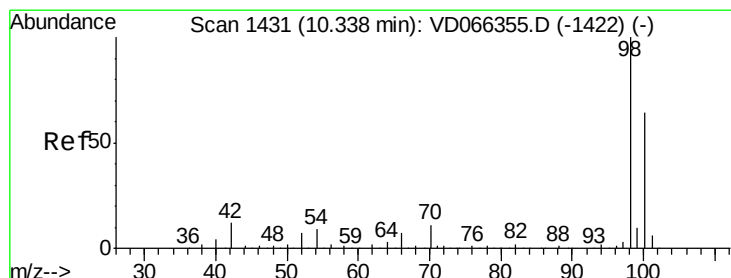
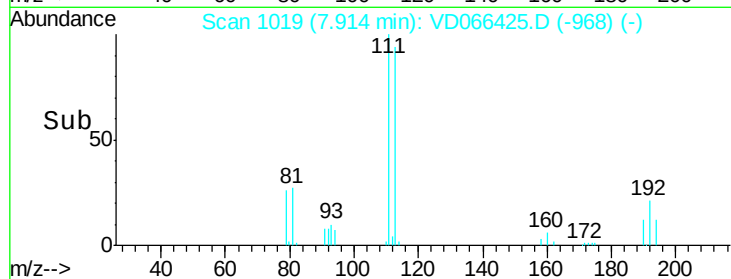
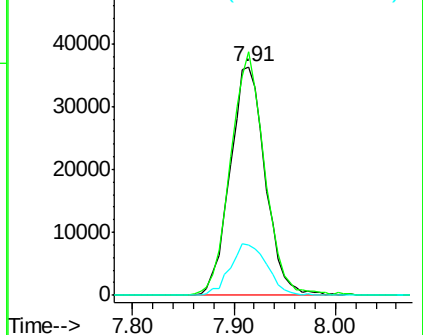
#35
 Dibromofluoromethane
 Concen: 49.357 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Instrument :
 MSVOA_D
 ClientSampled :
 VOC

Tot Ion:113 Resp: 87291
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.3 120.5
 192 23.8 19.0 28.6

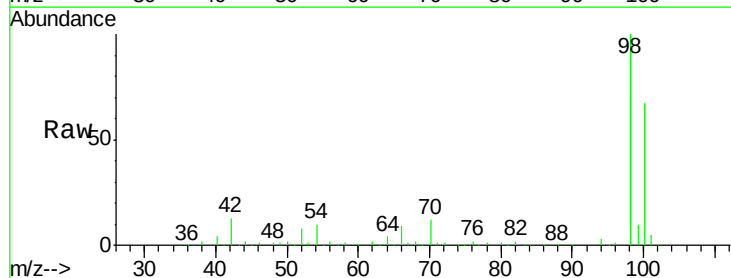


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

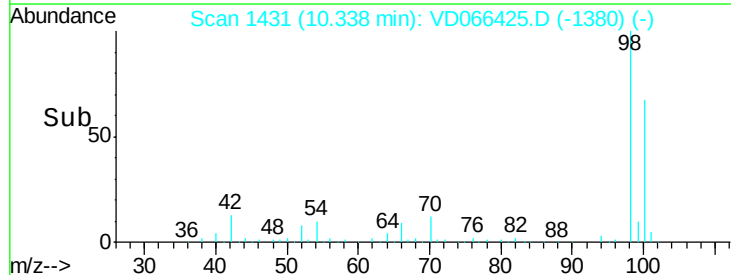
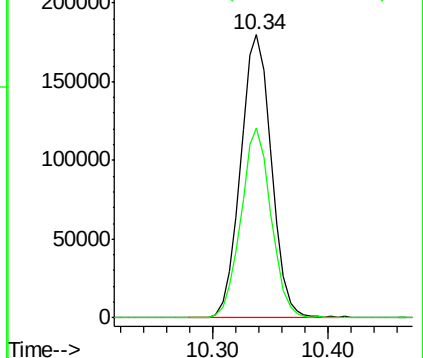


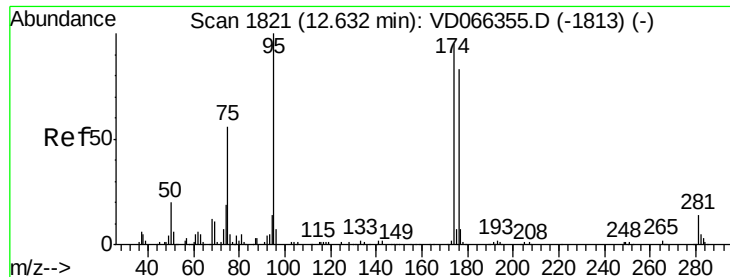
#50
 Toluene-d8
 Concen: 51.466 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066425.D
 Acq: 26 Aug 2020 17:22

Tgt Ion: 98 Resp: 333033
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.0 79.4



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

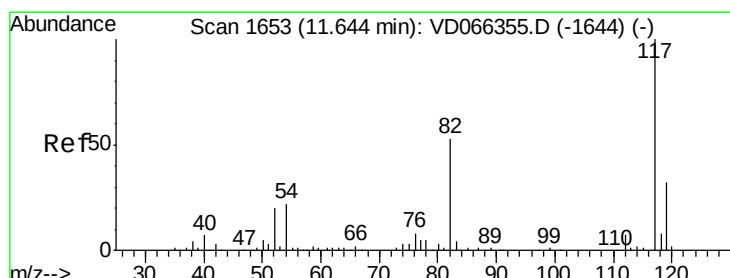
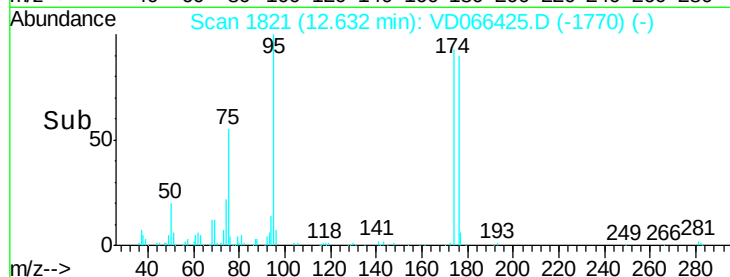
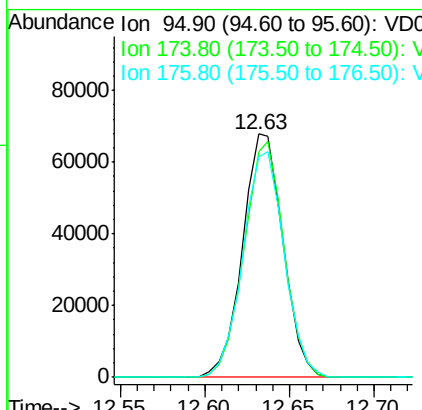
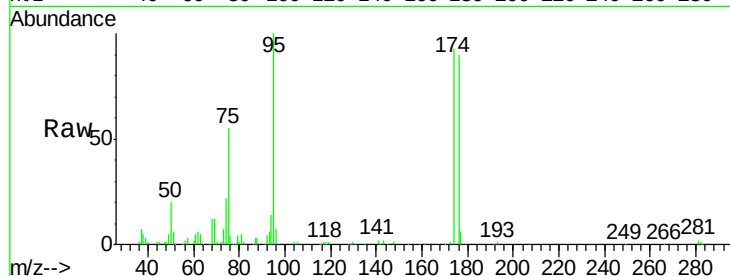




#62
4-Bromofluorobenzene
Concen: 49.211 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

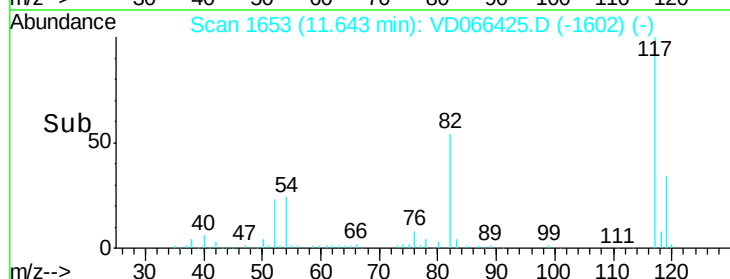
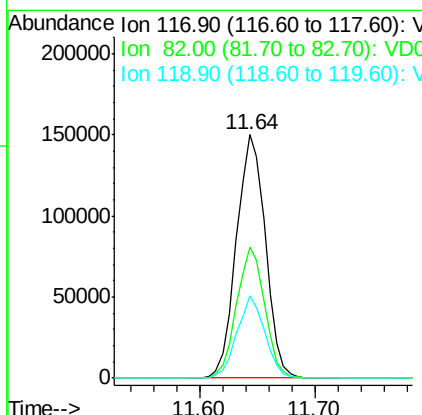
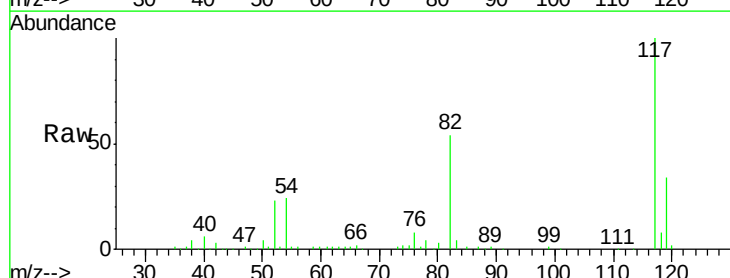
Instrument :
MSVOA_D
ClientSampleId :
VOC

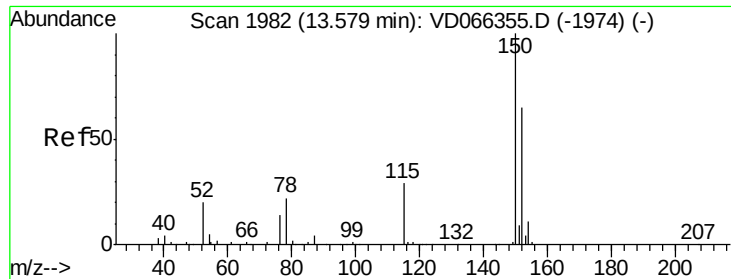
Tot Ion: 95 Resp: 112996
Ion Ratio Lower Upper
95 100
174 96.0 0.0 183.4
176 94.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066425.D
Acq: 26 Aug 2020 17:22

Tgt Ion: 117 Resp: 261417
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 33.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066425.D

Acq: 26 Aug 2020 17:22

Instrument :

MSVOA_D

ClientSampleId :

VOC

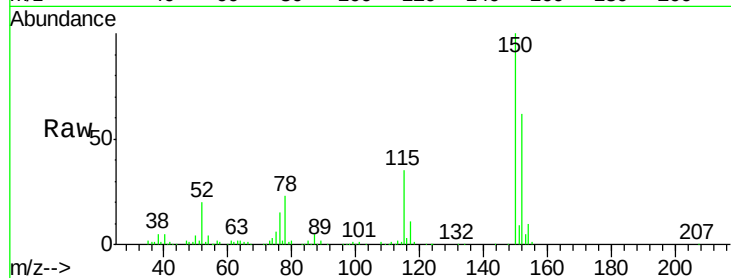
Tot Ion:152 Resp: 131511

Ion Ratio Lower Upper

152 100

115 57.7 28.3 85.0

150 160.9 0.0 343.2



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

