

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066093.D
 Acq On : 29 Jul 2020 16:59
 Operator : VA/SY
 Sample : L3489-09
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-9

Quant Time: Jul 30 02:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

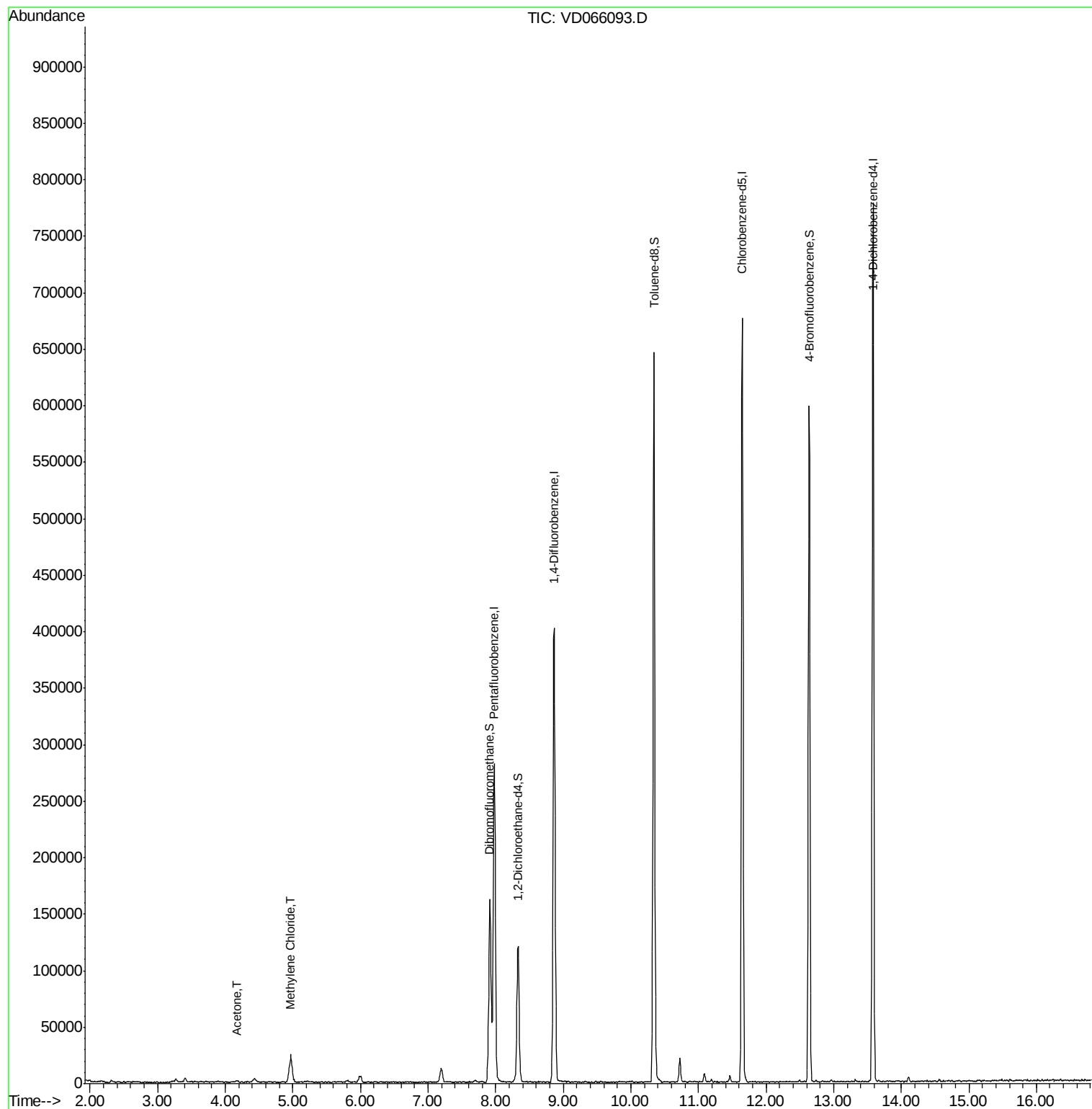
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	223766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	362458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	395145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	101358	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	7.91	113	111579	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.34	98	441559	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.64	95	180946	63.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.44%	
Target Compounds						
16) Acetone	4.17	43	2685	7.285	ug/l #	77
20) Methylene Chloride	4.97	84	17417	5.934	ug/l	93

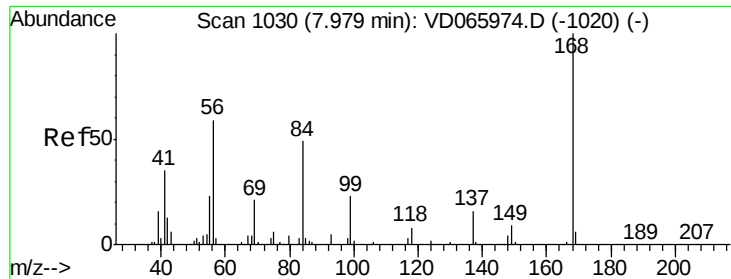
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066093.D

Acq: 29 Jul 2020 16:59

Instrument :

MSVOA_D

ClientSampleId :

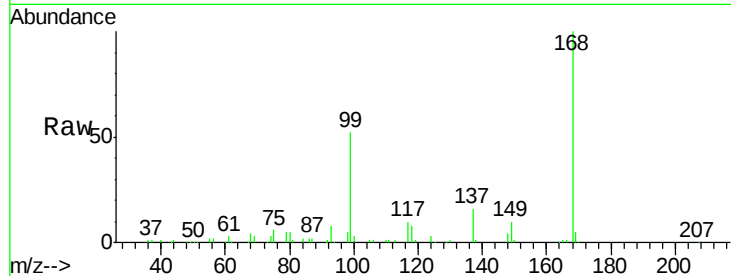
CS-9

Tot Ion:168 Resp: 223766

Ion Ratio Lower Upper

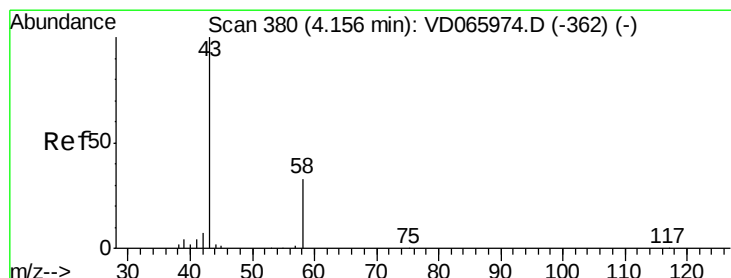
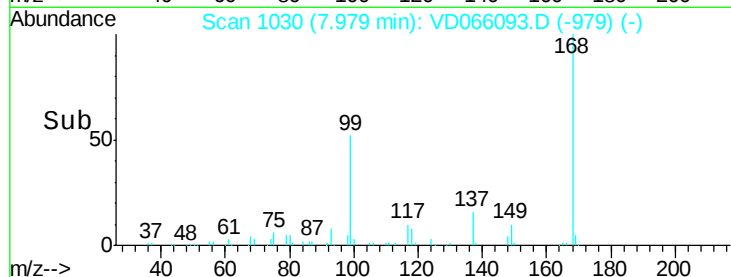
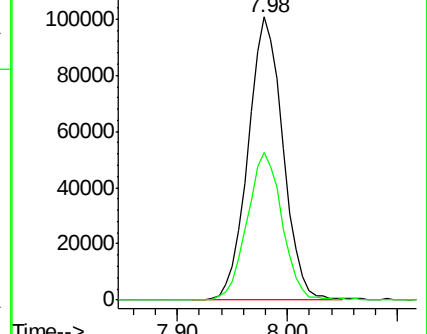
168 100

99 52.0 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 7.285 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066093.D

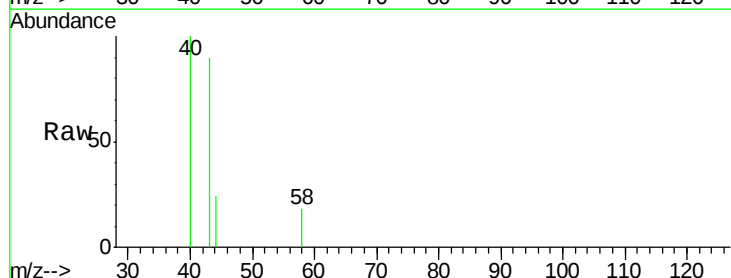
Acq: 29 Jul 2020 16:59

Tgt Ion: 43 Resp: 2685

Ion Ratio Lower Upper

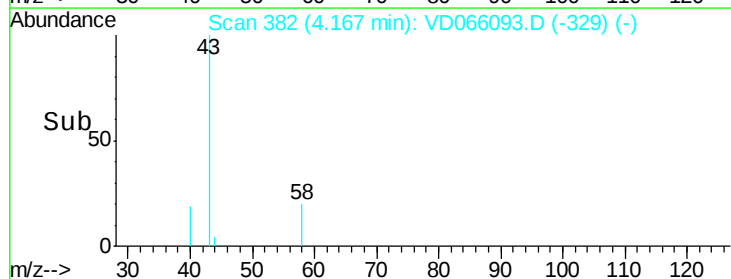
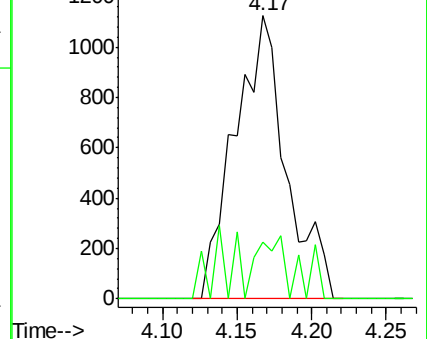
43 100

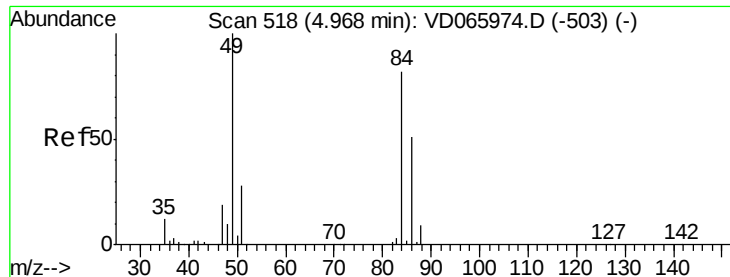
58 20.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

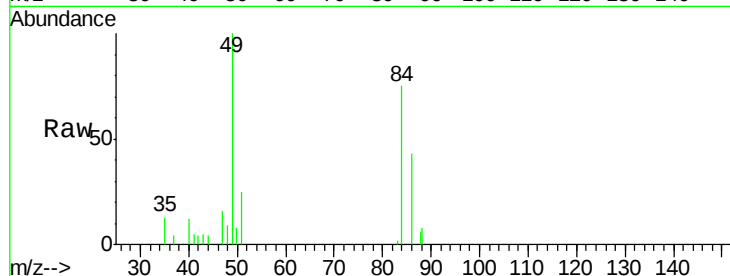




#20
Methvlene Chloride
Concen: 5.934 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
CS-9

Tot Ion	84	Resp	17417
Ion	Ratio	Lower	Upper
84	100		
49	133.4	97.7	146.5
51	33.7	27.4	41.2
86	58.0	49.4	74.2



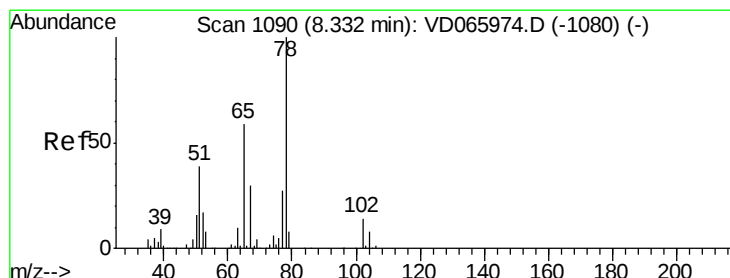
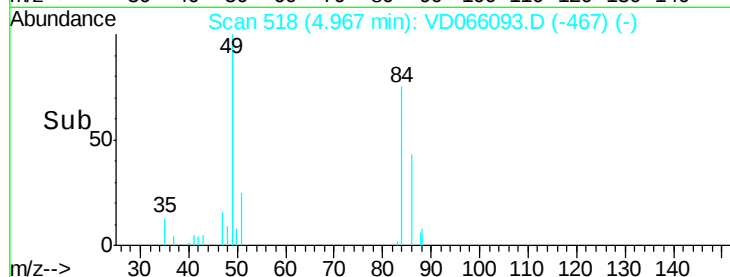
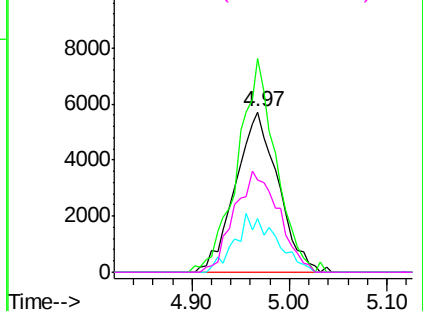
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

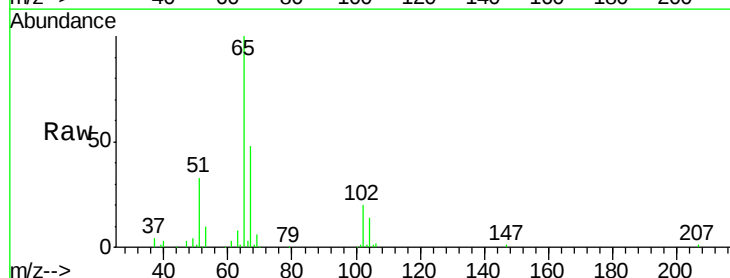
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33
1,2-Dichloroethane-d4
Concen: 55.668 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

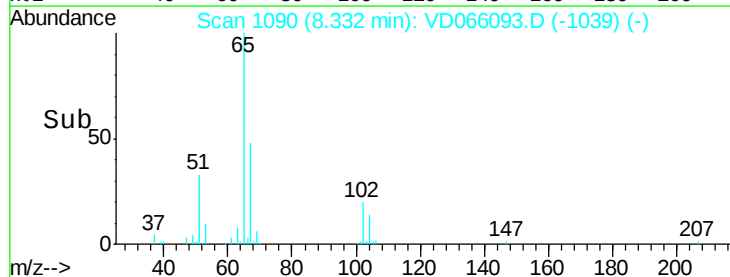
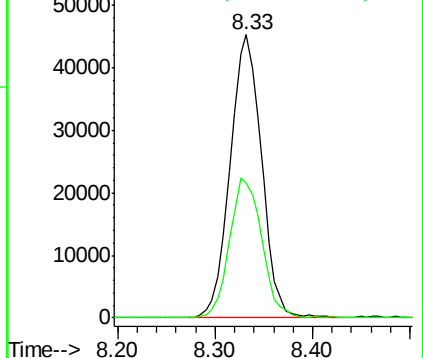
Tgt Ion	65	Resp	101358
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.0

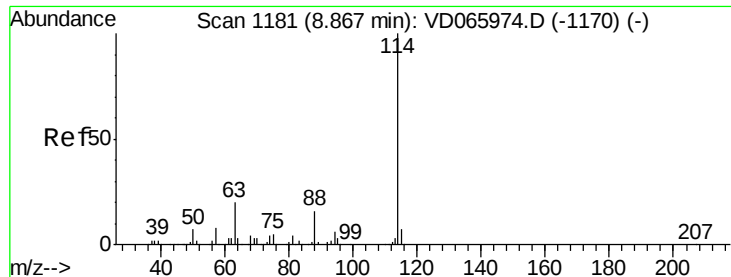


Abundance

Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

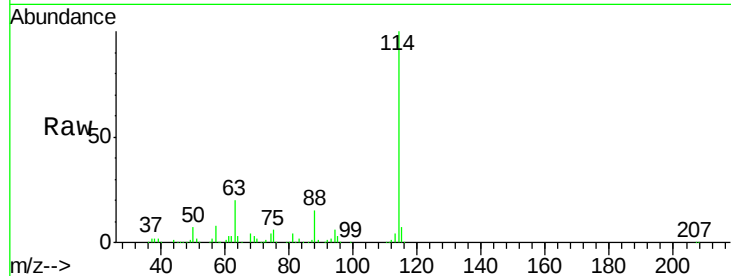




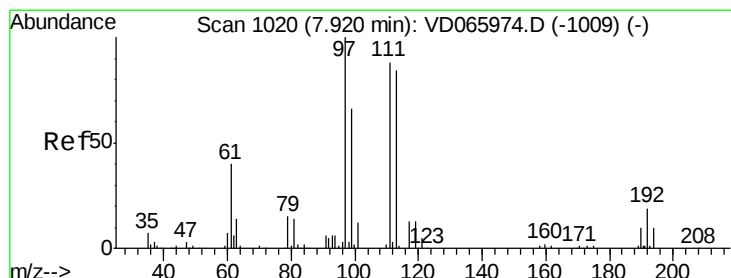
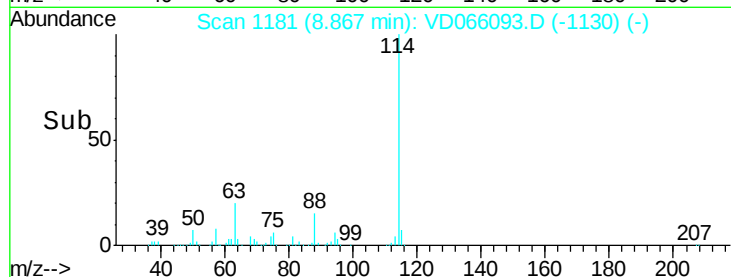
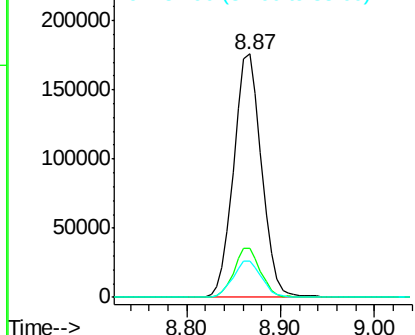
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
CS-9

Tot Ion:114 Resp: 362458
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 14.9 0.0 31.2

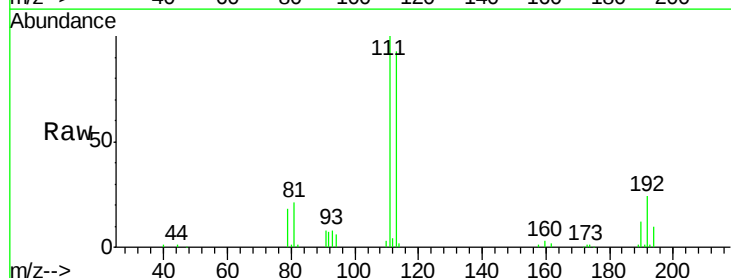


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

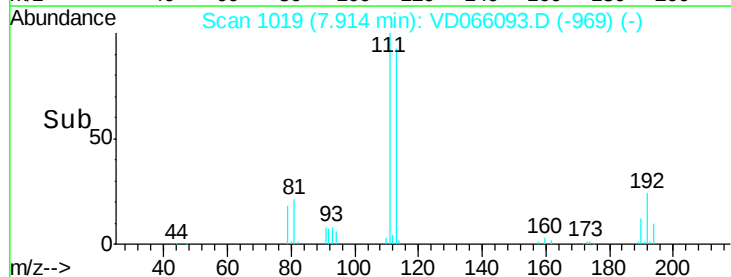
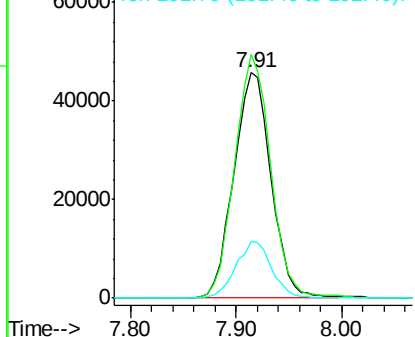


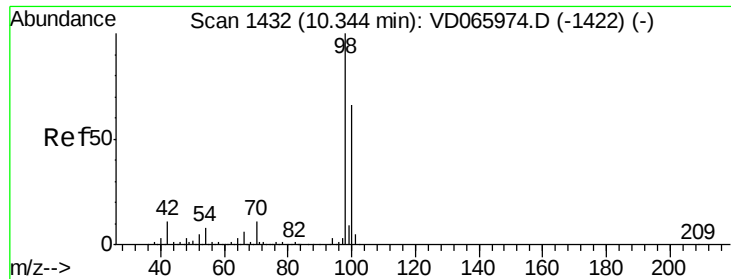
#35
Dibromofluoromethane
Concen: 50.754 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

Tgt Ion:113 Resp: 111579
Ion Ratio Lower Upper
113 100
111 105.0 83.2 124.8
192 24.3 18.7 28.1



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: 53.916 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066093.D

Acq: 29 Jul 2020 16:59

Instrument :

MSVOA_D

ClientSampled :

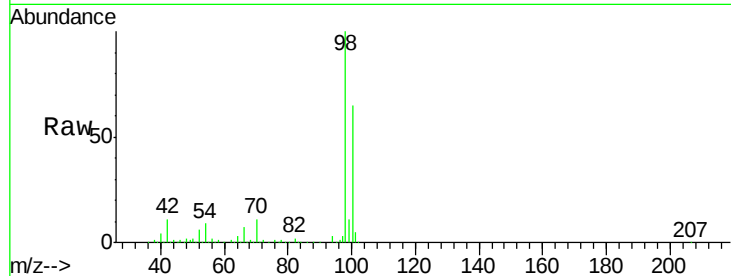
CS-9

Tot Ion: 98 Resp: 441559

Ion Ratio Lower Upper

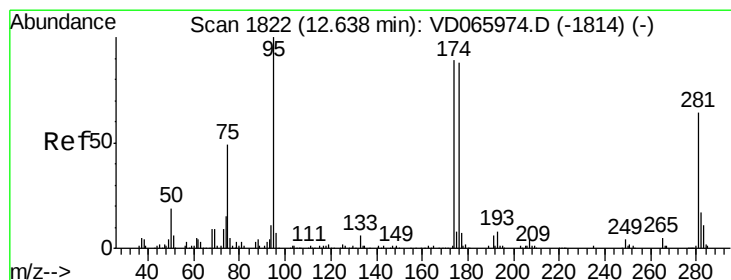
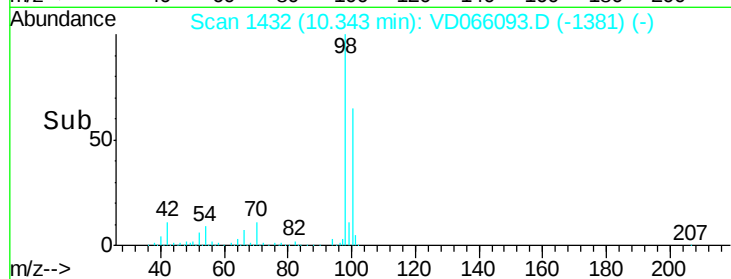
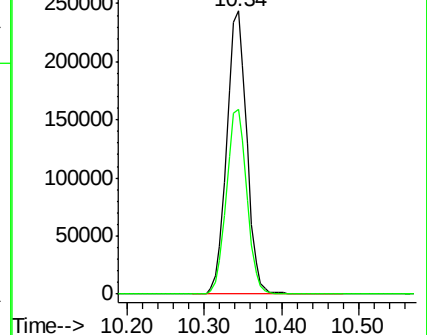
98 100

100 67.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 63.721 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066093.D

Acq: 29 Jul 2020 16:59

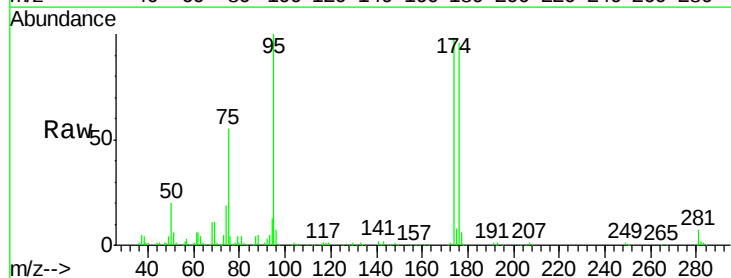
Tgt Ion: 95 Resp: 180946

Ion Ratio Lower Upper

95 100

174 95.8 0.0 178.8

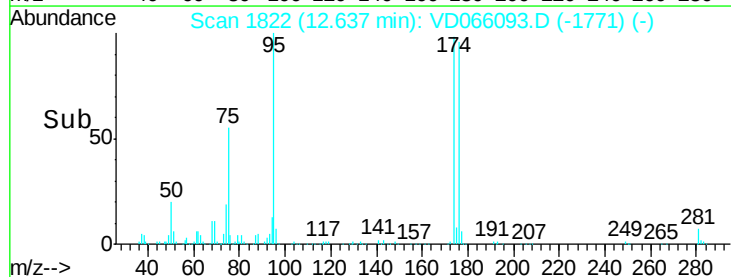
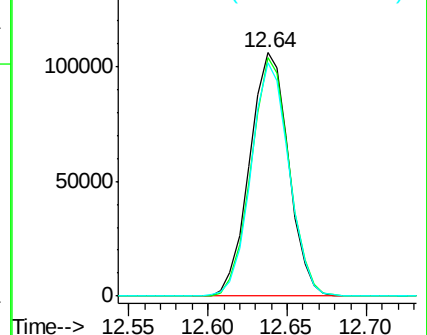
176 93.4 0.0 172.6

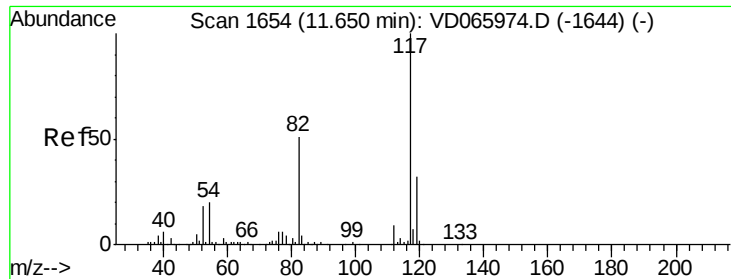


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

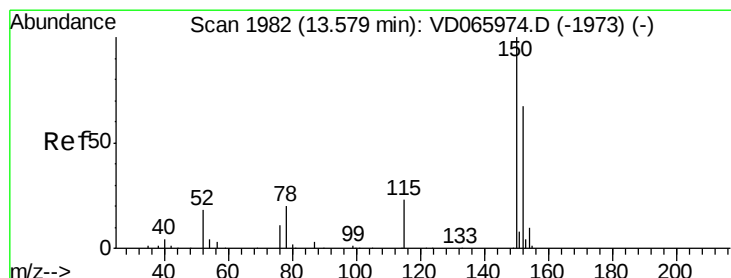
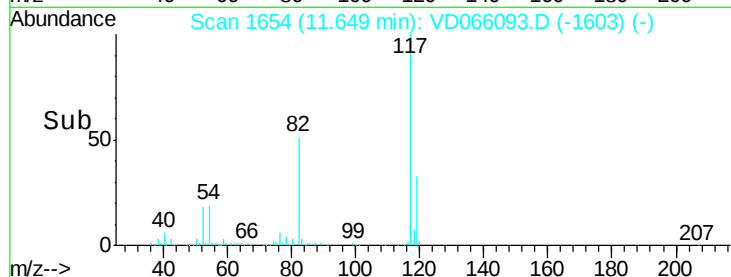
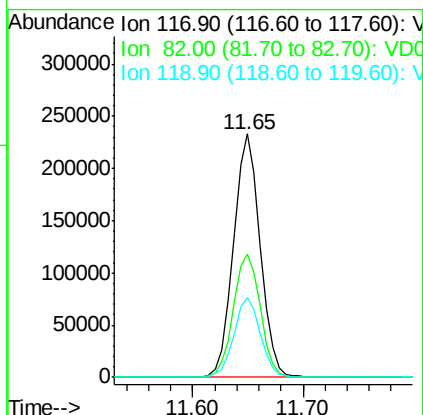
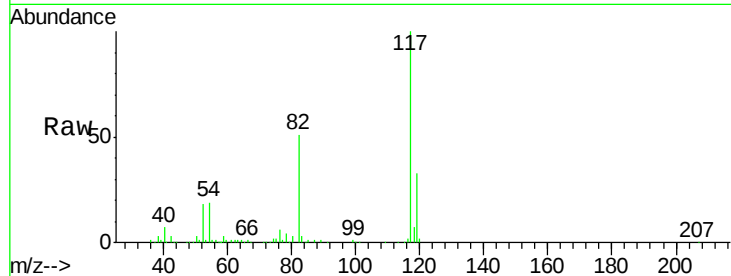




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

Instrument :
MSVOA_D
ClientSampleId :
CS-9

Tot Ion:117 Resp: 395145
Ion Ratio Lower Upper
117 100
82 50.8 41.1 61.7
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066093.D
Acq: 29 Jul 2020 16:59

Tgt Ion:152 Resp: 217624
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 158.6 0.0 348.2

