

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066195.D
 Acq On : 11 Aug 2020 19:13
 Operator : VA/SY
 Sample : L3654-04
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-16

Quant Time: Aug 11 21:12:23 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

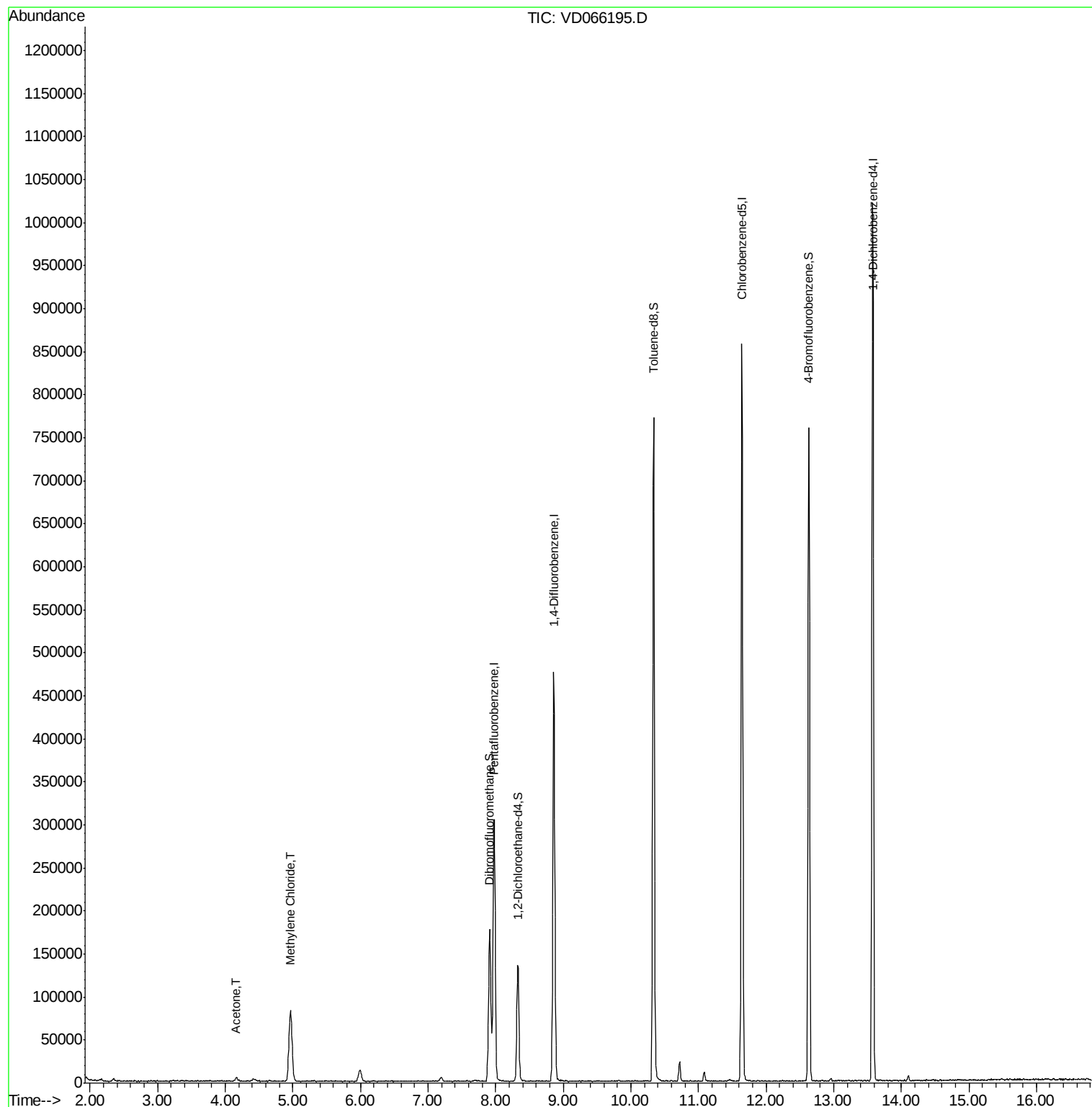
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	410734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	491871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109794	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.91	113	127160	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	520650	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.63	95	242552	70.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.16%	
Target Compounds						
16) Acetone	4.16	43	6364	15.287	ug/l	92
20) Methylene Chloride	4.97	84	65354	25.004	ug/l	95

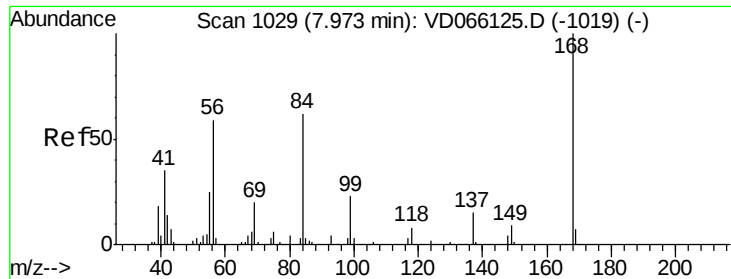
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066195.D

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MSVOA_D

ClientSampleId :

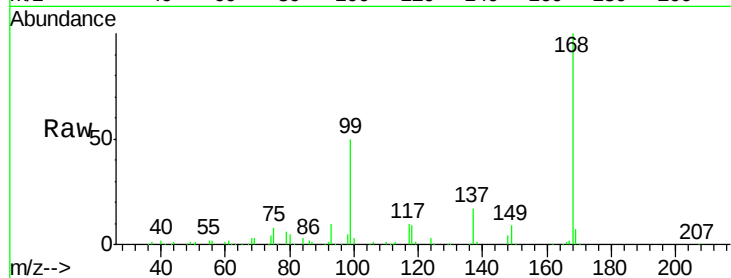
CS-16

Tot Ion:168 Resp: 245928

Ion Ratio Lower Upper

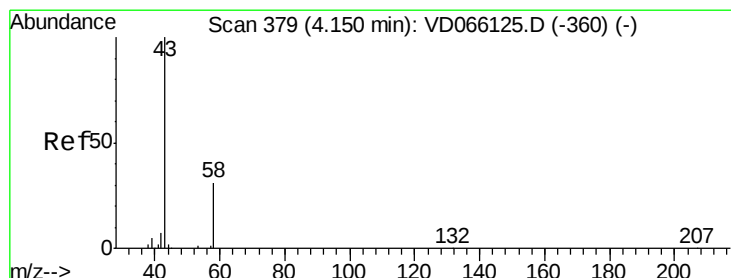
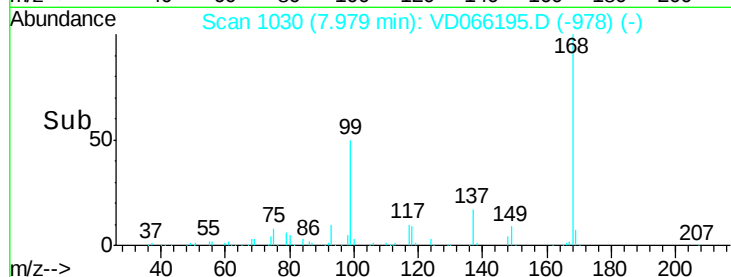
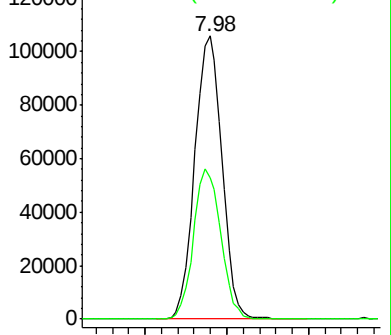
168 100

99 49.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.287 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066195.D

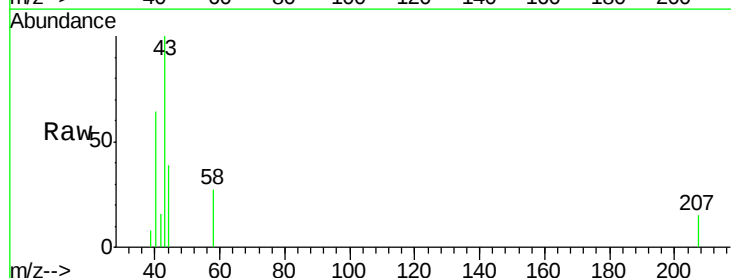
Acq: 11 Aug 2020 19:13

Tgt Ion: 43 Resp: 6364

Ion Ratio Lower Upper

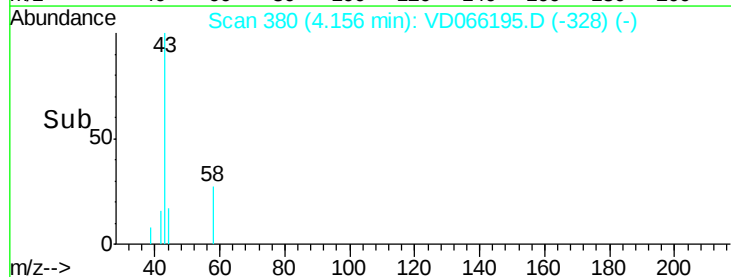
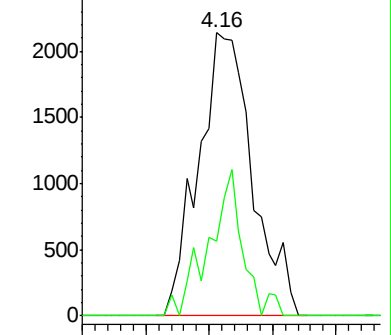
43 100

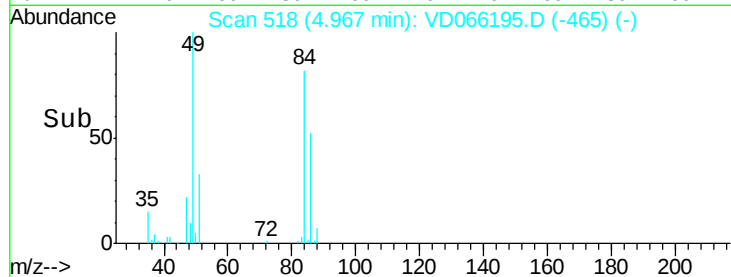
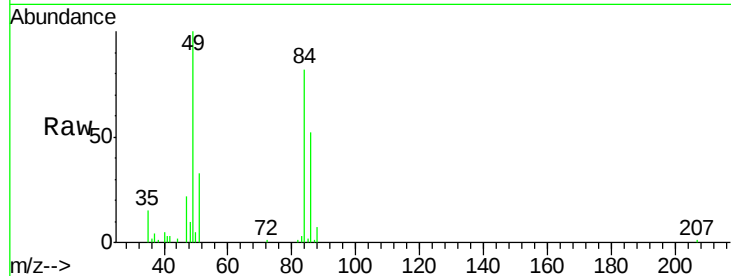
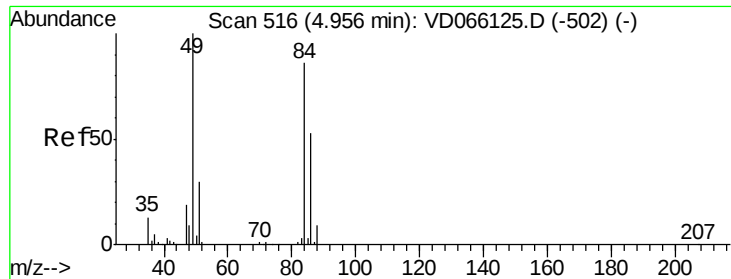
58 26.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

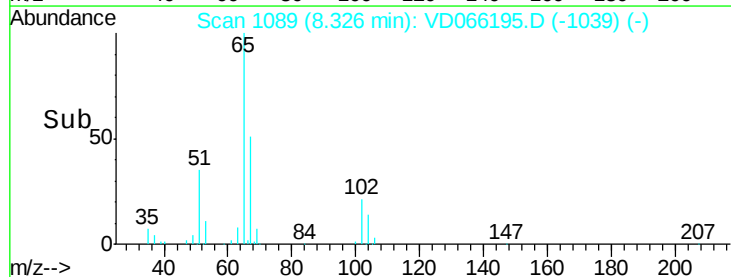
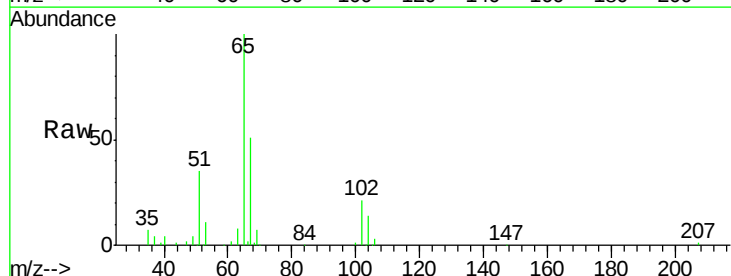
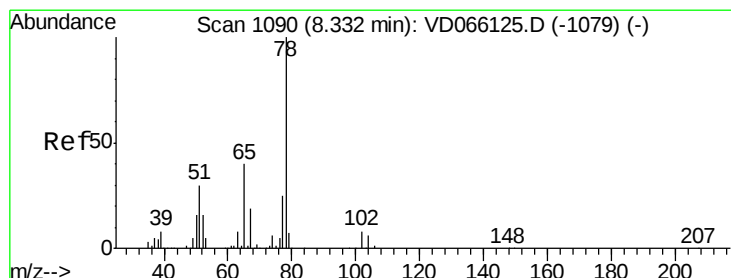
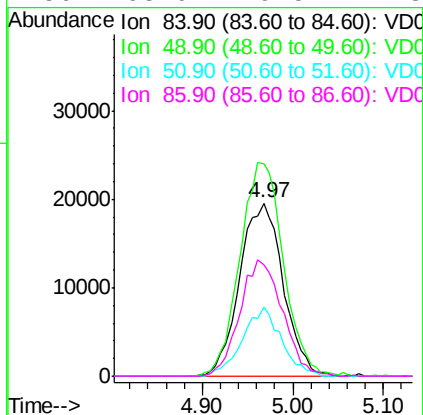




#20
Methylene Chloride
Concen: 25.004 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

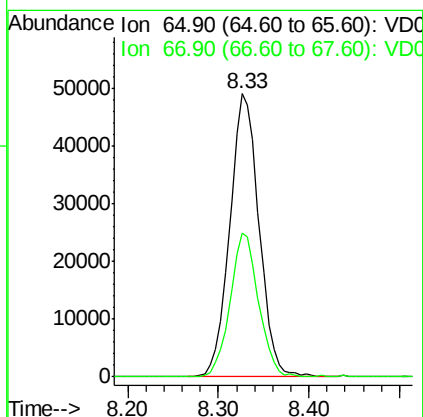
Instrument :
MSVOA_D
ClientSampleId :
CS-16

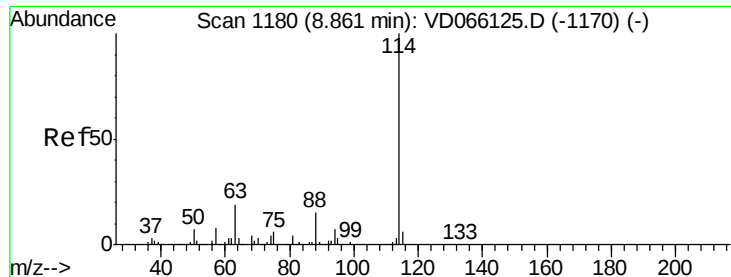
Tot Ion: 84 Resp: 65354
Ion Ratio Lower Upper
84 100
49 122.3 93.5 140.3
51 39.9 28.2 42.4
86 63.9 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Tgt Ion: 65 Resp: 109794
Ion Ratio Lower Upper
65 100
67 49.3 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: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampled :

CS-16

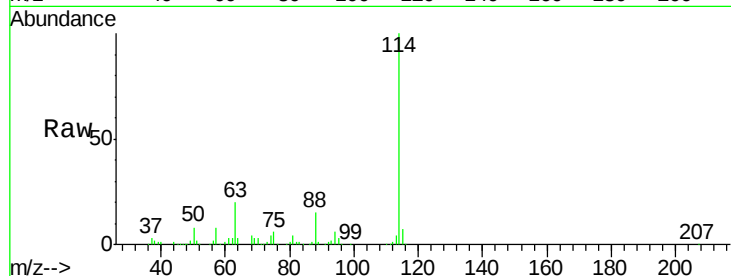
Tot Ion:114 Resp: 410734

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

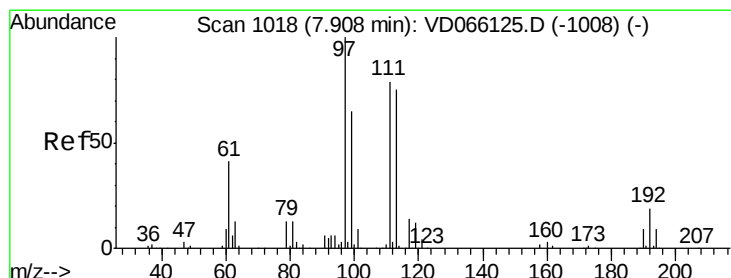
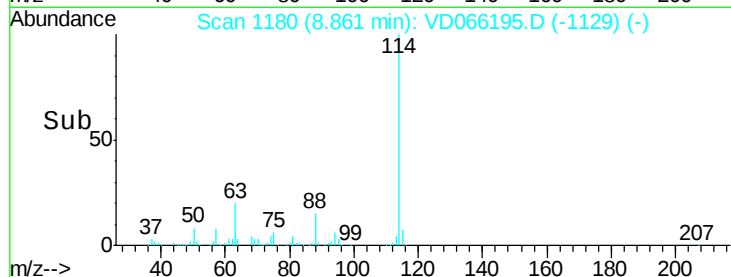
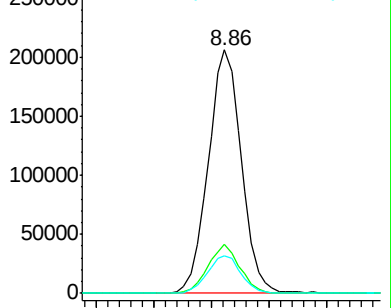
88 15.4 0.0 30.0



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: 48.871 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

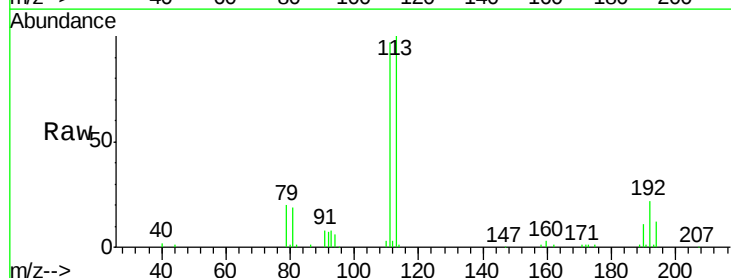
Tgt Ion:113 Resp: 127160

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

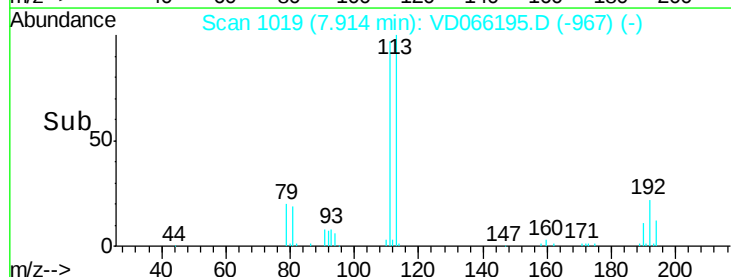
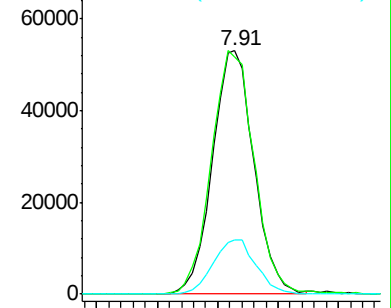
192 23.0 18.4 27.6

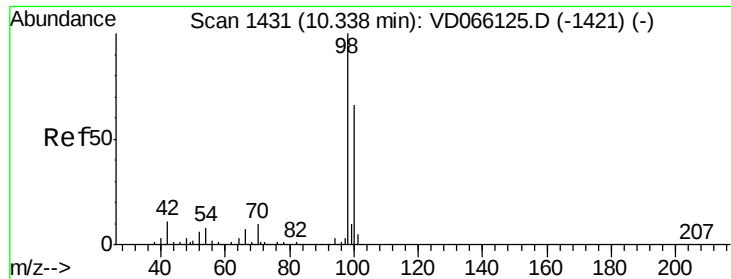


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.224 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

Instrument :

MSVOA_D

ClientSampleId :

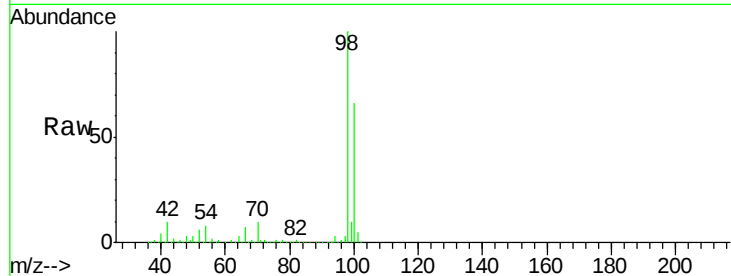
CS-16

Tot Ion: 98 Resp: 520650

Ion Ratio Lower Upper

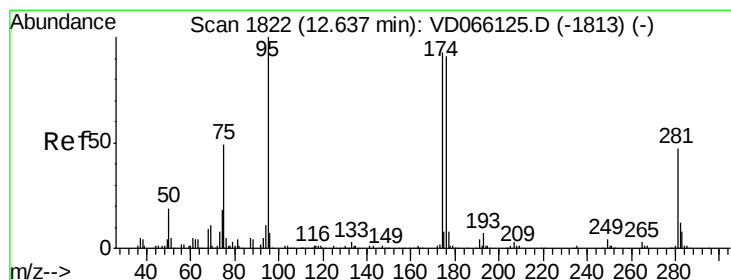
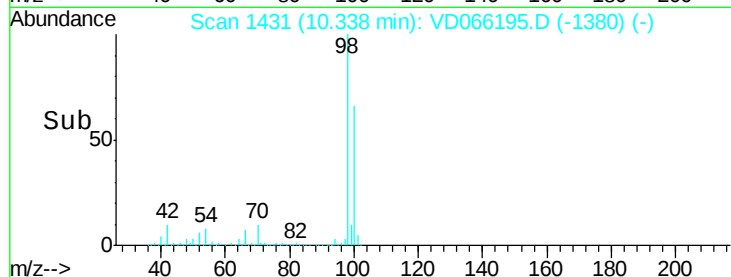
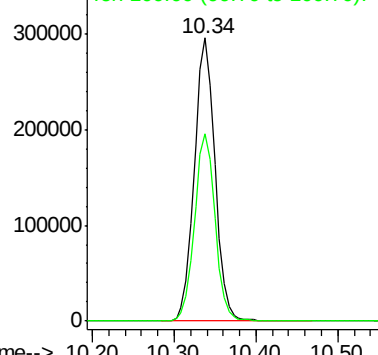
98 100

100 65.7 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: 70.080 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066195.D

Acq: 11 Aug 2020 19:13

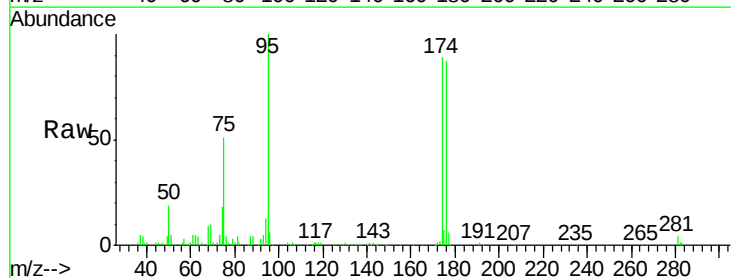
Tgt Ion: 95 Resp: 242552

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

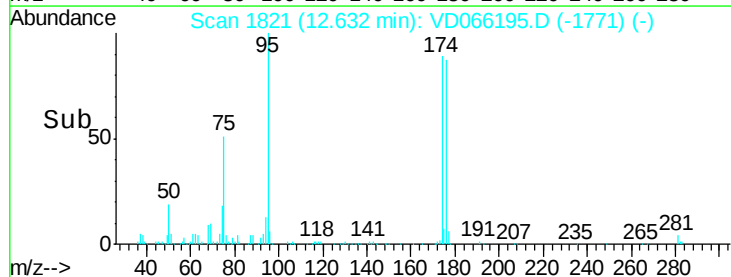
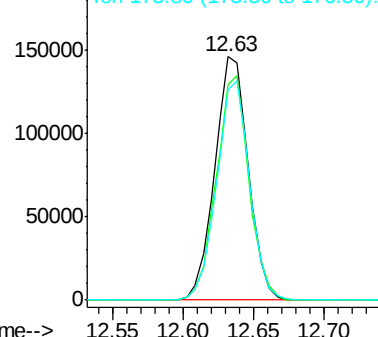
176 88.7 0.0 181.2

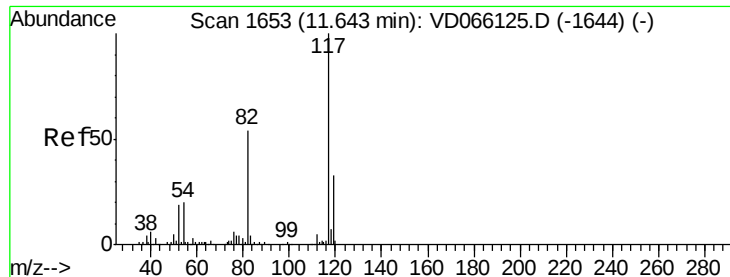


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

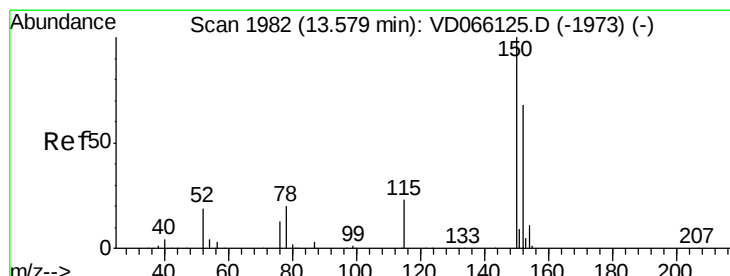
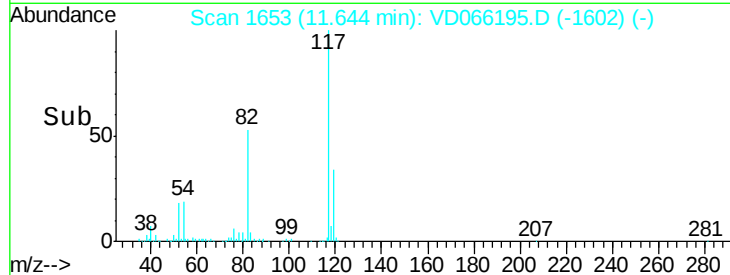
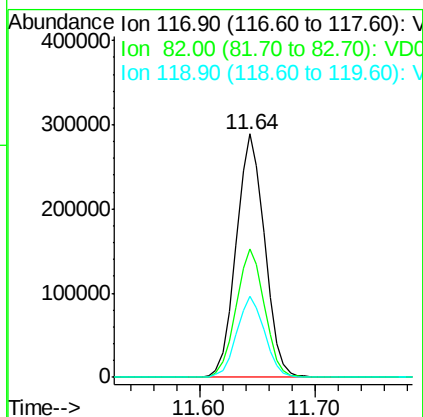
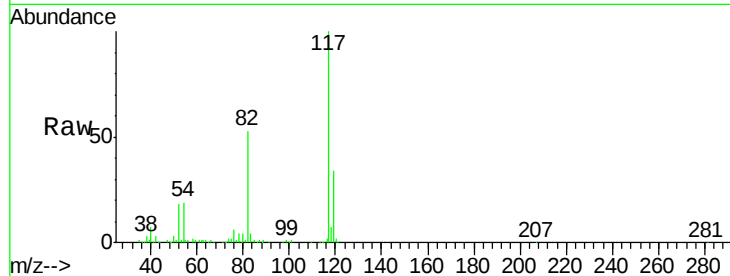




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066195.D
Acq: 11 Aug 2020 19:13

Instrument :
MSVOA_D
ClientSampled :
CS-16

Tot Ion:117 Resp: 491871
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 33.5 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: VD066195.D
Acq: 11 Aug 2020 19:13

Tgt Ion:152 Resp: 283145
Ion Ratio Lower Upper
152 100
115 56.4 28.0 83.9
150 156.4 0.0 346.4

