

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066183.D
 Acq On : 11 Aug 2020 13:40
 Operator : VA/SY
 Sample : L3639-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-J08

Quant Time: Aug 11 15:32:32 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

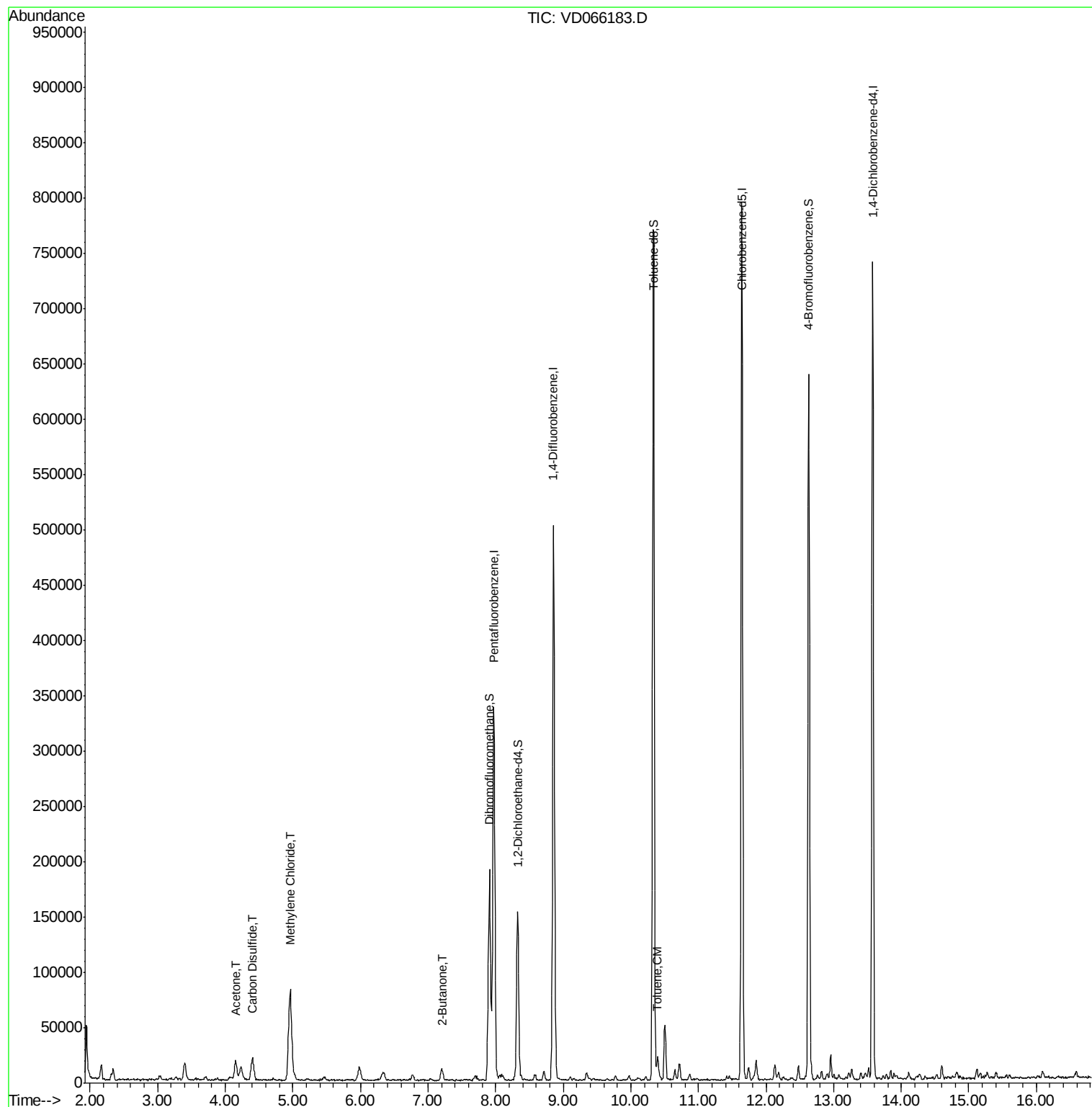
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	268526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	441986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	465073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	115640	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	7.91	113	135722	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.33	98	531026	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.63	95	199987	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
Target Compounds						
16) Acetone	4.16	43	32012	70.424	ug/l	90
17) Carbon Disulfide	4.40	76	42515	5.623	ug/l	98
20) Methylene Chloride	4.96	84	62083	21.084	ug/l	96
25) 2-Butanone	7.21	43	10379	15.524	ug/l #	89
52) Toluene	10.40	92	7703	1.016	ug/l	96

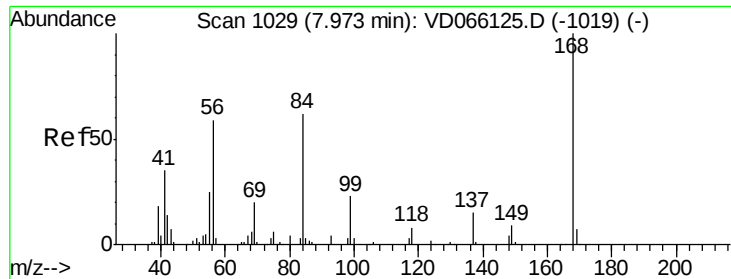
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081120\
Data File : VD066183.D
Acq On : 11 Aug 2020 13:40
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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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

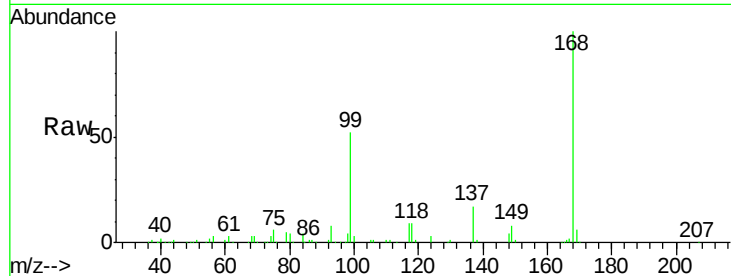
MH-J08

Tot Ion:168 Resp: 268526

Ion Ratio Lower Upper

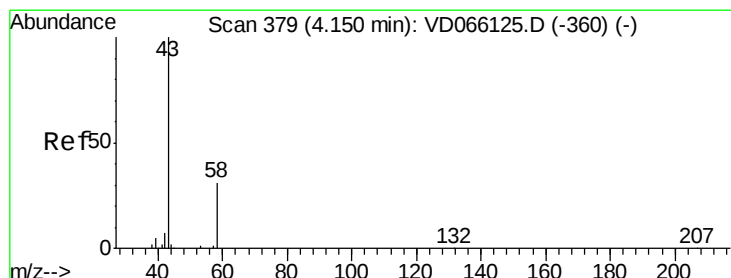
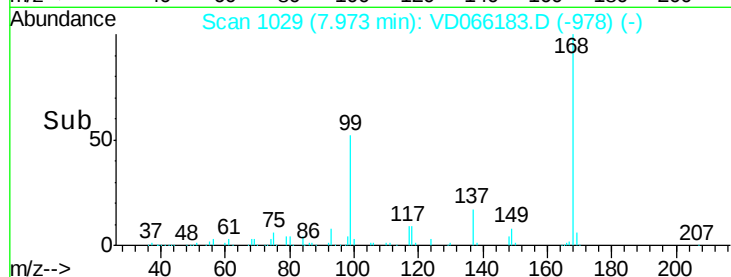
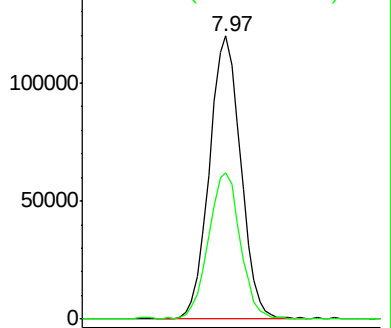
168 100

99 51.4 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: 70.424 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066183.D

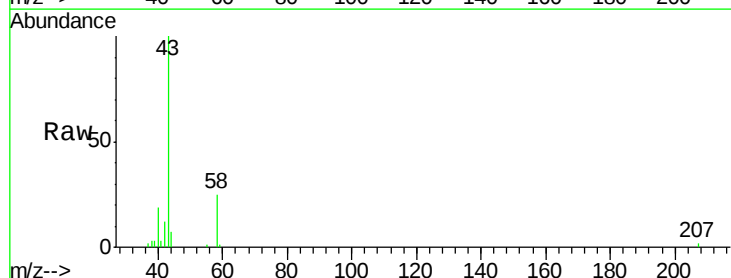
Acq: 11 Aug 2020 13:40

Tgt Ion: 43 Resp: 32012

Ion Ratio Lower Upper

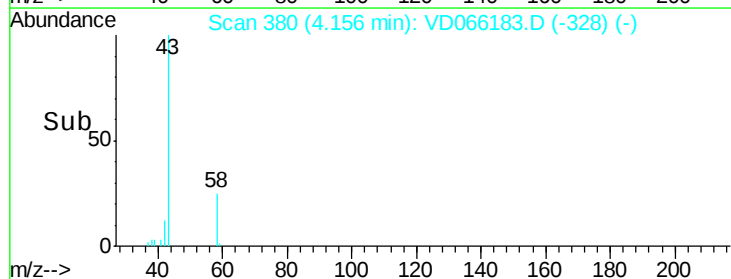
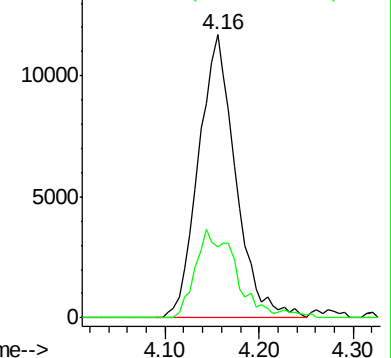
43 100

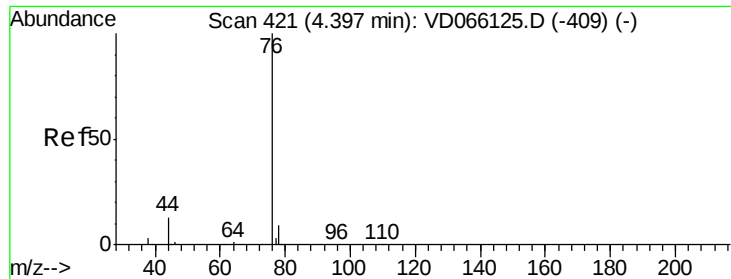
58 25.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

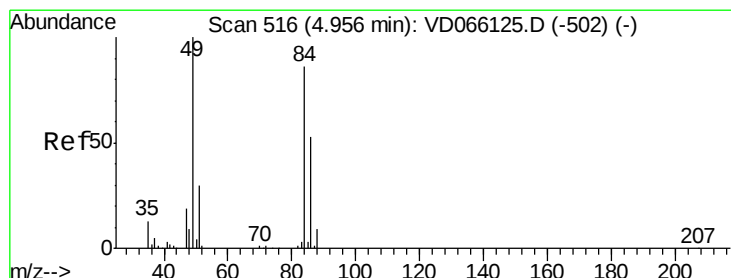
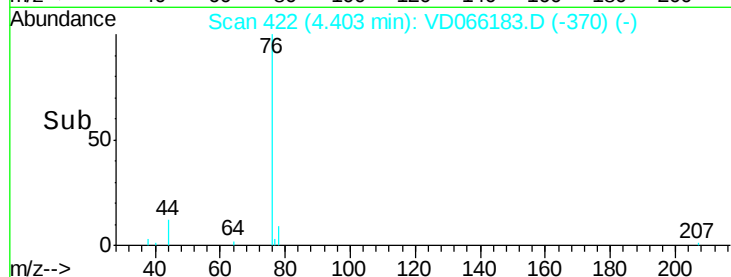
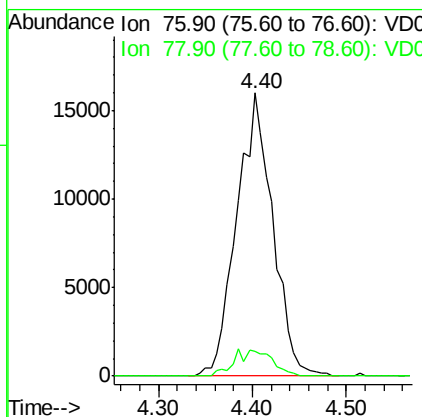
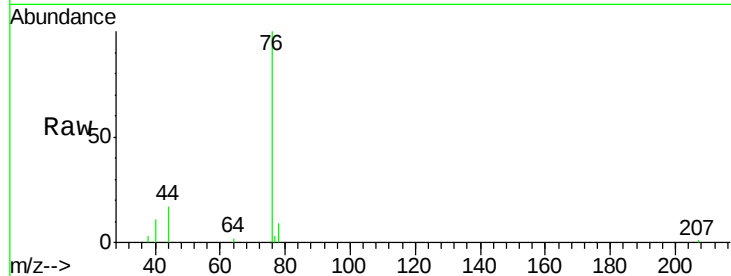




#17
Carbon Disulfide
Concen: 5.623 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

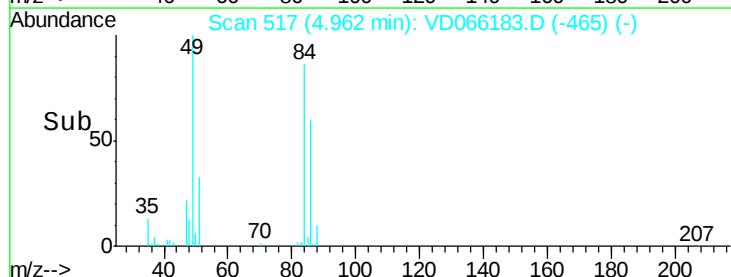
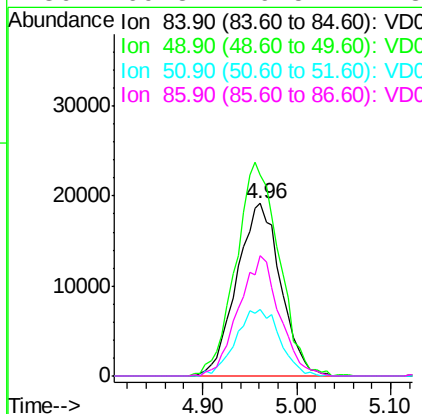
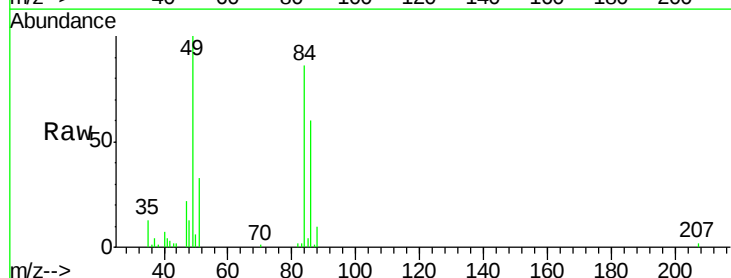
Instrument :
MSVOA_D
ClientSampleId :
MH-J08

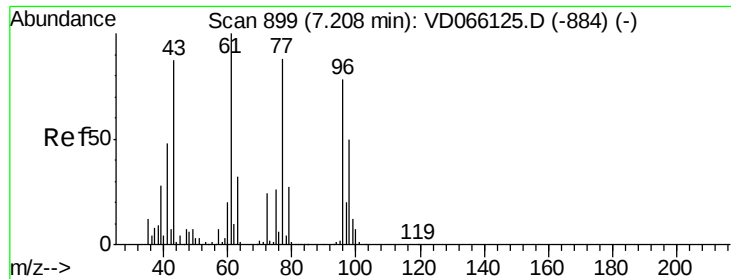
Tot Ion: 76 Resp: 42515
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#20
Methylene Chloride
Concen: 21.084 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 84 Resp: 62083
Ion Ratio Lower Upper
84 100
49 116.8 93.5 140.3
51 38.9 28.2 42.4
86 69.8 49.5 74.3





#25

2-Butanone

Concen: 15.524 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

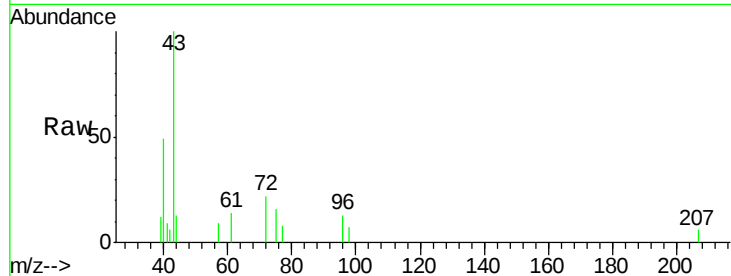
MH-J08

Tot Ion: 43 Resp: 10379

Ion Ratio Lower Upper

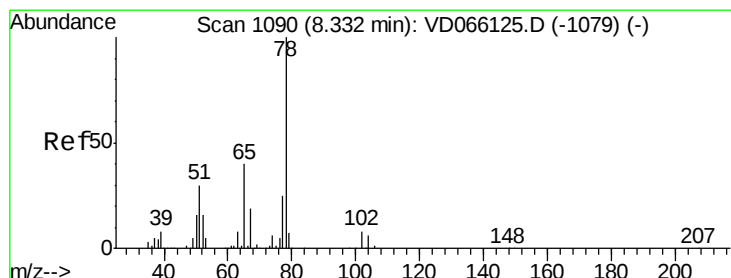
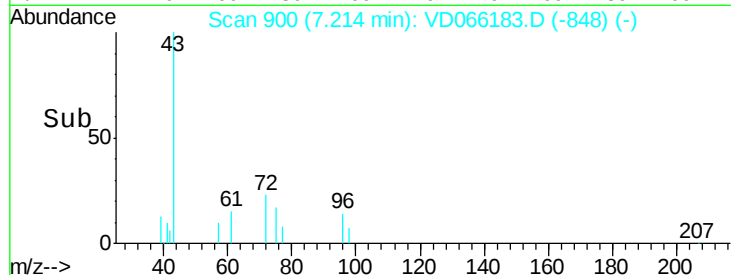
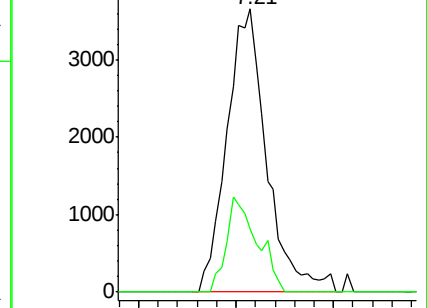
43 100

72 22.1 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.271 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066183.D

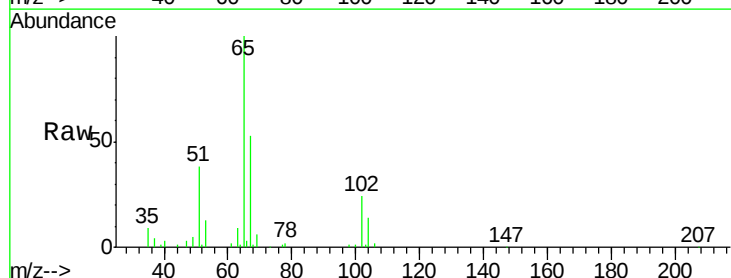
Acq: 11 Aug 2020 13:40

Tgt Ion: 65 Resp: 115640

Ion Ratio Lower Upper

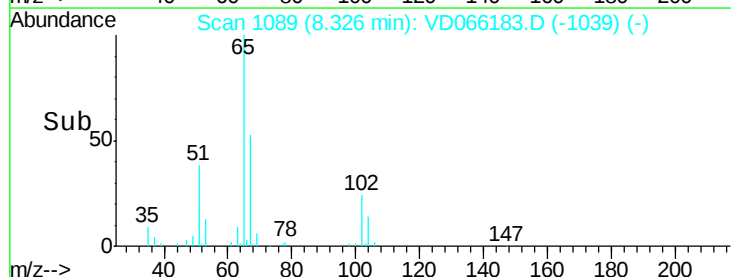
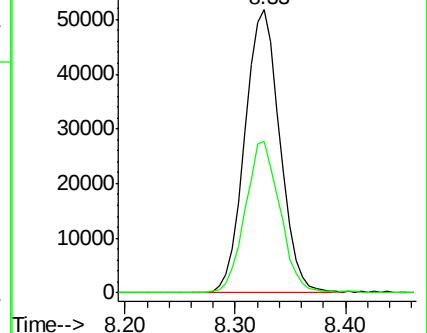
65 100

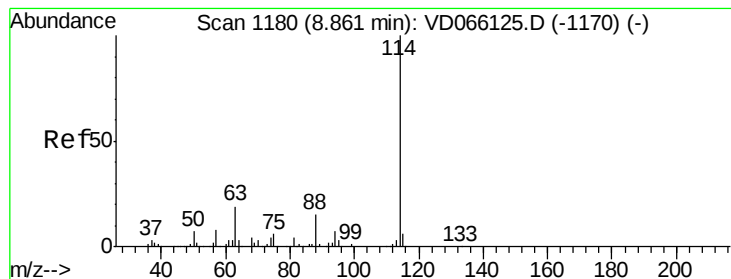
67 53.0 0.0 104.6



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: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

MH-J08

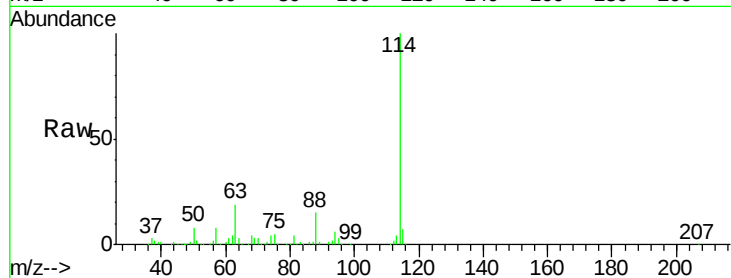
Tot Ion:114 Resp: 441986

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

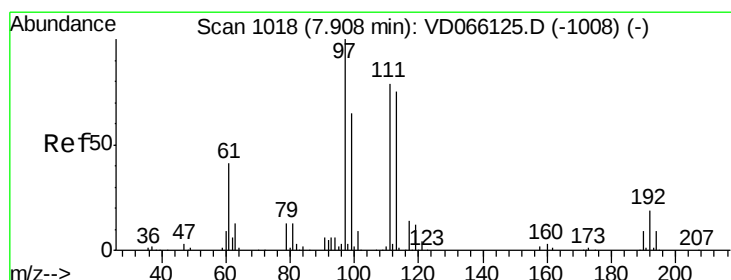
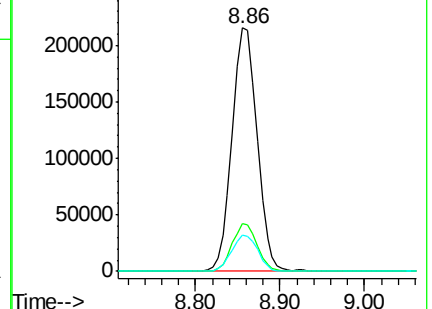
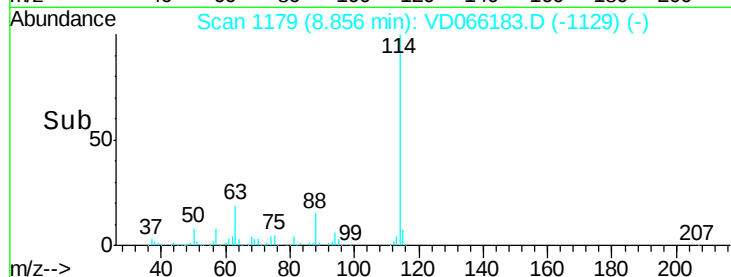
88 15.0 0.0 30.0



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: 48.473 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

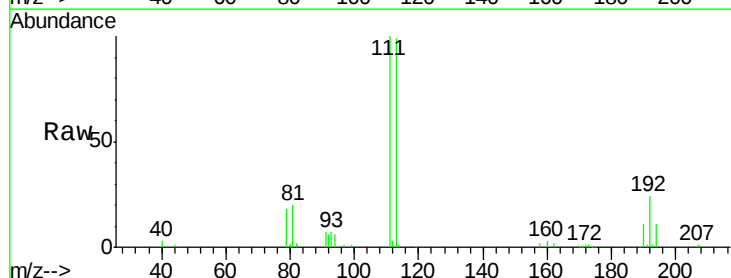
Tgt Ion:113 Resp: 135722

Ion Ratio Lower Upper

113 100

111 103.8 80.7 121.1

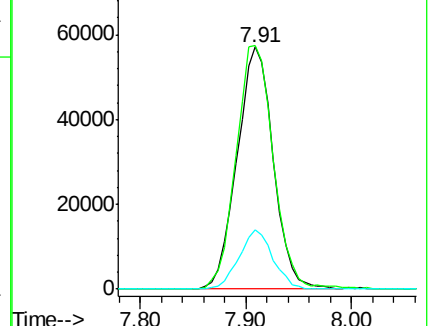
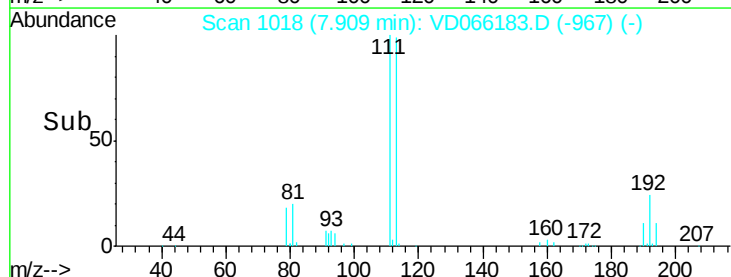
192 23.0 18.4 27.6

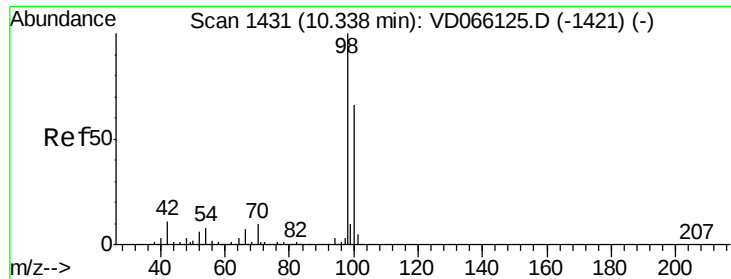


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

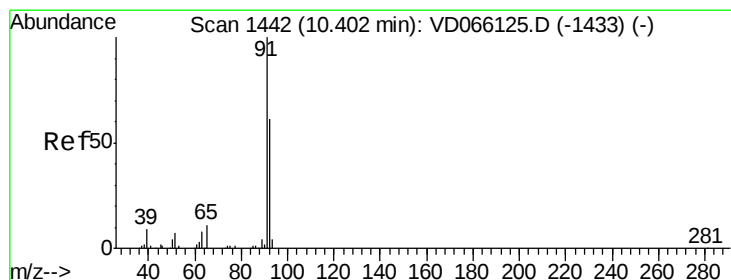
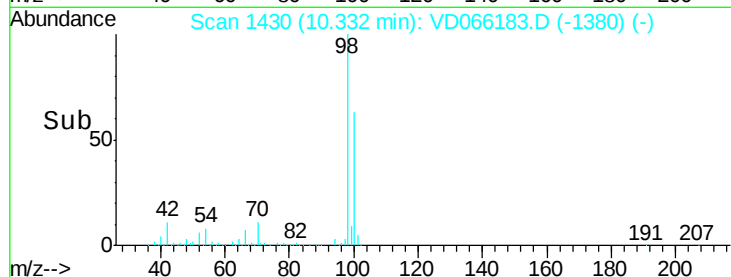
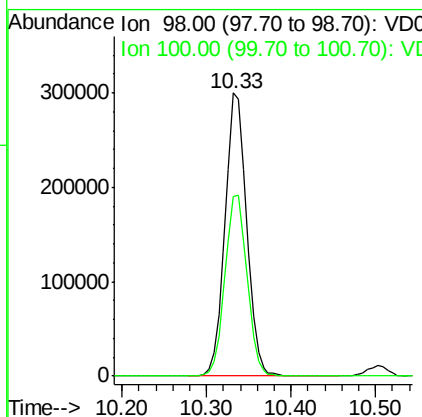
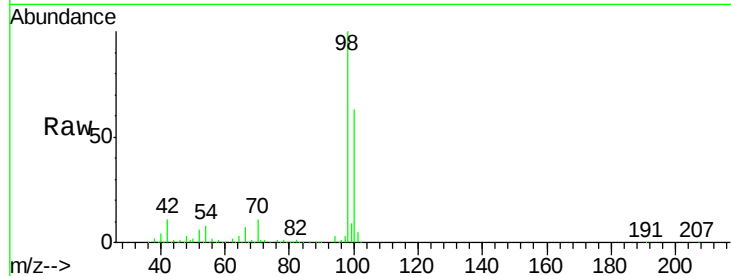




#50
Toluene-d8
Concen: 51.394 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

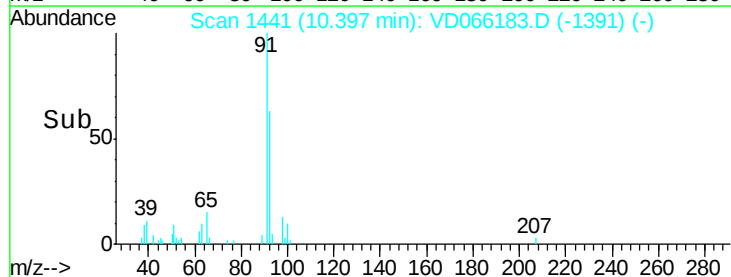
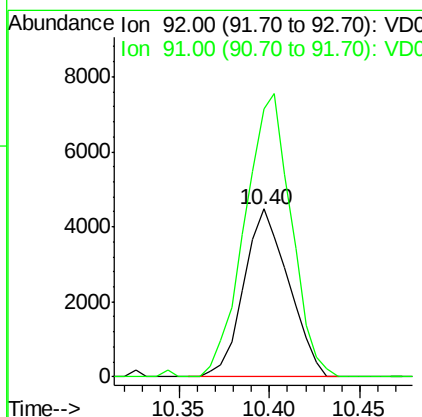
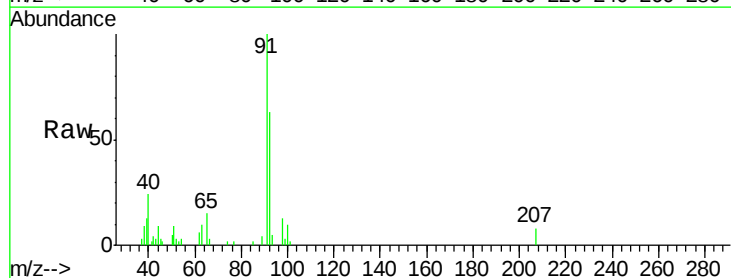
Instrument :
MSVOA_D
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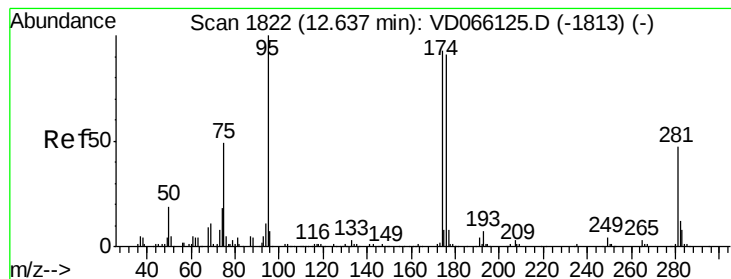
Tot Ion: 98 Resp: 531026
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 1.016 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066183.D
Acq: 11 Aug 2020 13:40

Tgt Ion: 92 Resp: 7703
Ion Ratio Lower Upper
92 100
91 174.0 135.2 202.8





#62

4-Bromofluorobenzene

Concen: 53.696 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

MH-J08

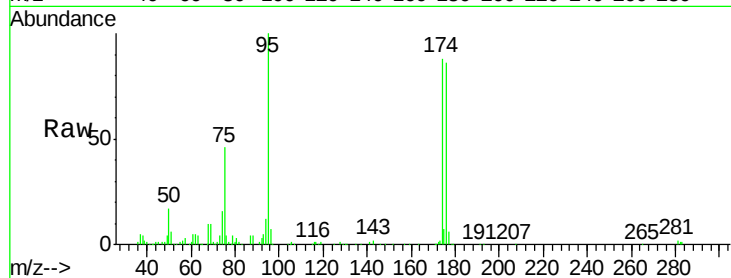
Tot Ion: 95 Resp: 199987

Ion Ratio Lower Upper

95 100

174 92.9 0.0 180.8

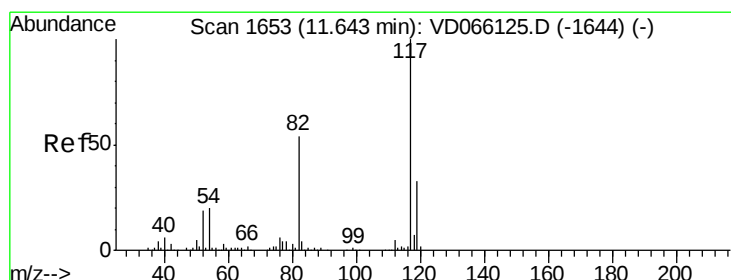
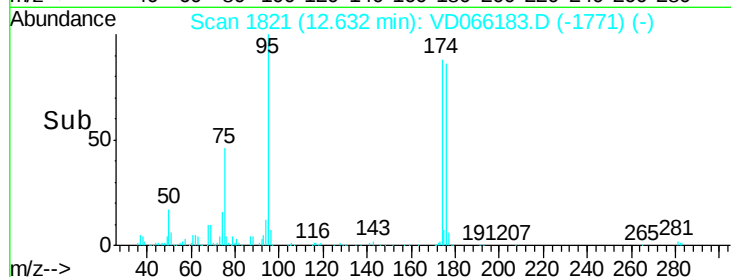
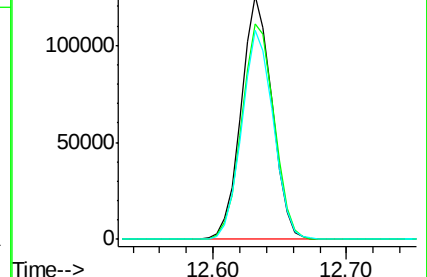
176 87.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066183.D

Acq: 11 Aug 2020 13:40

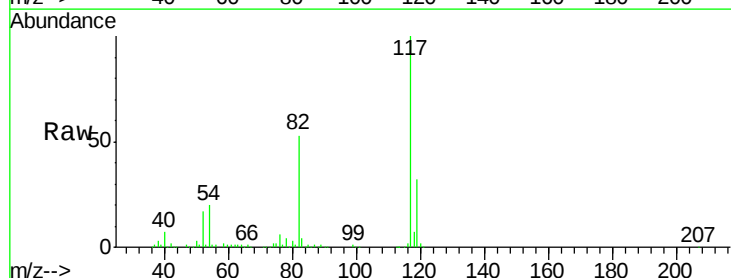
Tgt Ion: 117 Resp: 465073

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

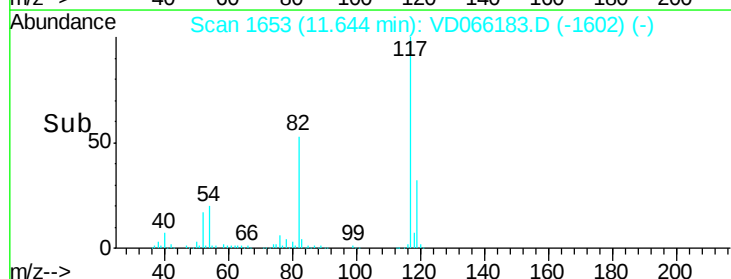
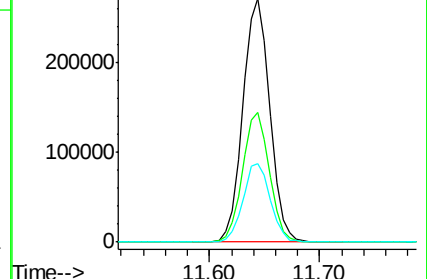
119 32.2 26.1 39.1

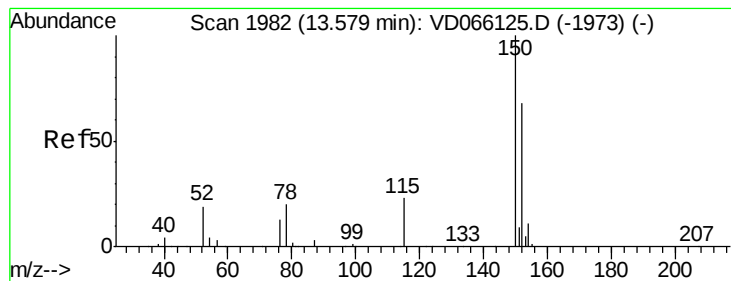


Abundance Ion 116.90 (116.60 to 117.60): VD066125.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD066125.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066125.D (-1644) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066183.D

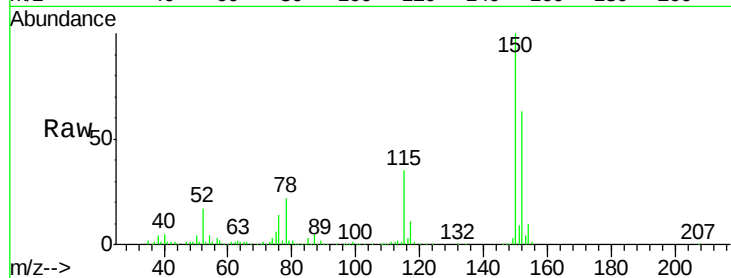
Acq: 11 Aug 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

MH-J08



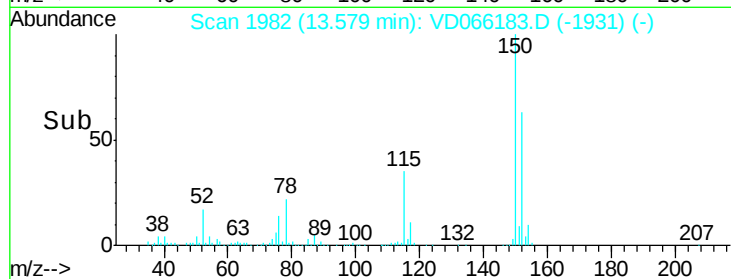
Tot Ion:152 Resp: 199251

Ion Ratio Lower Upper

152 100

115 55.4 28.0 83.9

150 158.0 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

