

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063160.D
 Acq On : 19 Jul 2019 18:10
 Operator : VA/AP
 Sample : K3911-01
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HJDC-G1

Quant Time: Jul 20 05:41:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

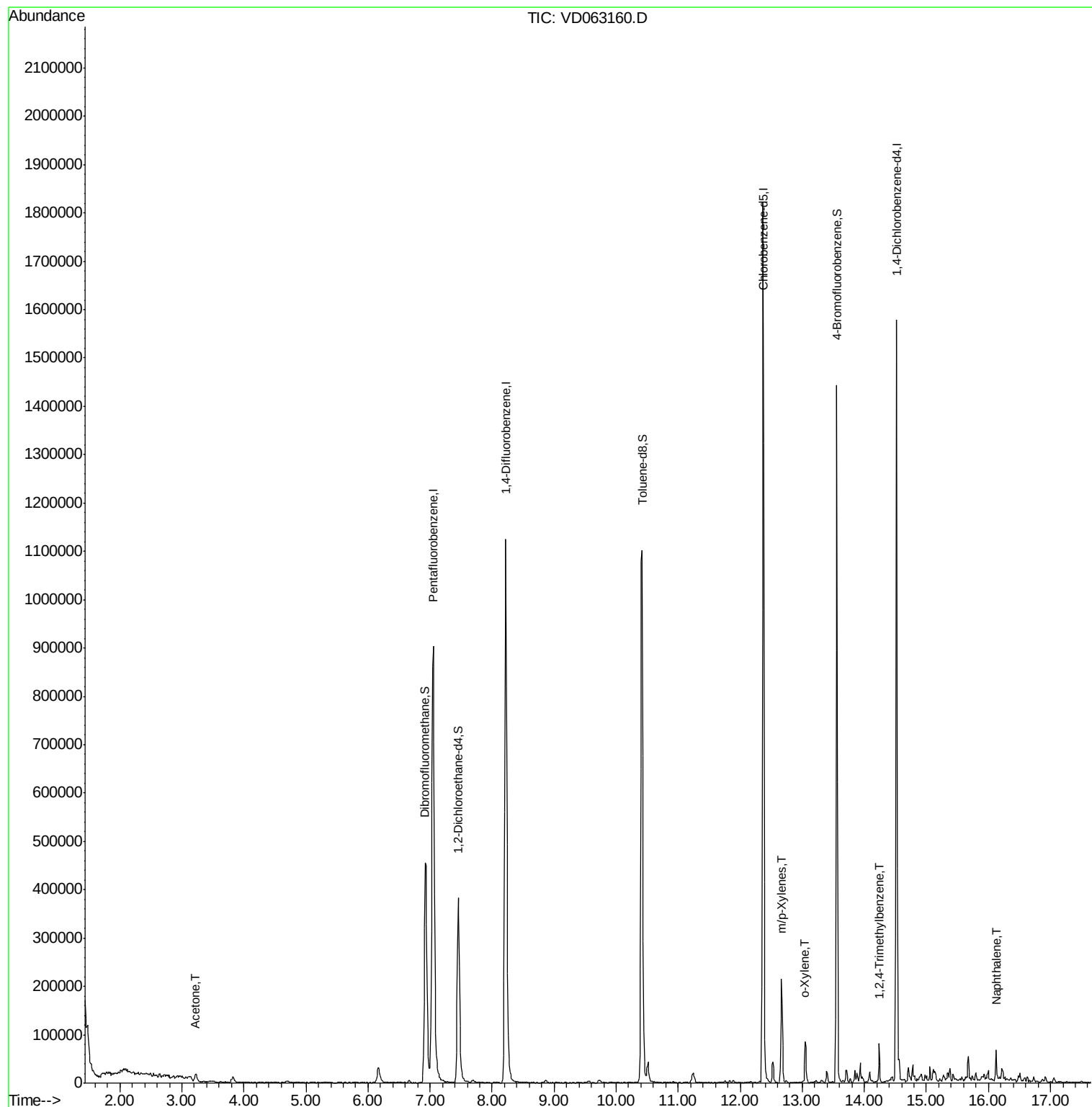
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	876600	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1186711	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	948645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	383209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	437670	40.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.16%	
35) Dibromofluoromethane	6.92	113	406390	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.76%	
50) Toluene-d8	10.41	98	911809	35.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.82%	
62) 4-Bromofluorobenzene	13.56	95	371125	31.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.20%	
Target Compounds						
16) Acetone	3.22	43	32763	12.422	ug/l #	89
68) m/p-Xylenes	12.66	106	55483	3.998	ug/l	77
69) o-Xylene	13.06	106	18714	1.422	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	32131	1.250	ug/l	97
95) Naphthalene	16.13	128	38755	2.642	ug/l	96

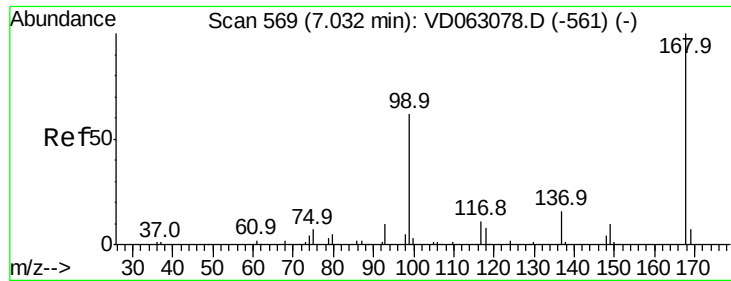
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071919\
Data File : VD063160.D
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Quant Time: Jul 20 05:41:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

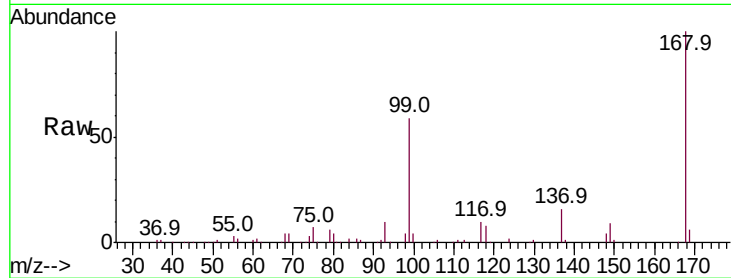
HJDC-G1

Tot Ion:168 Resp: 876600

Ion Ratio Lower Upper

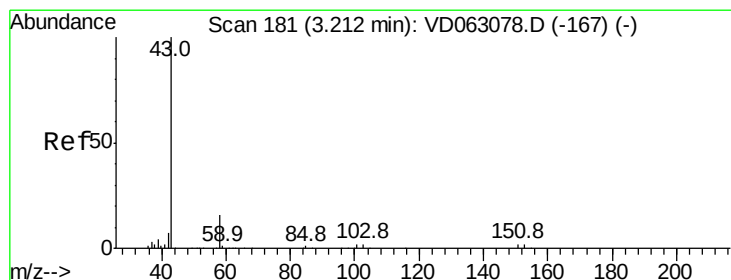
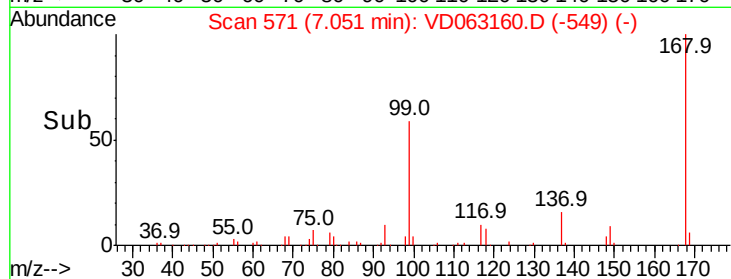
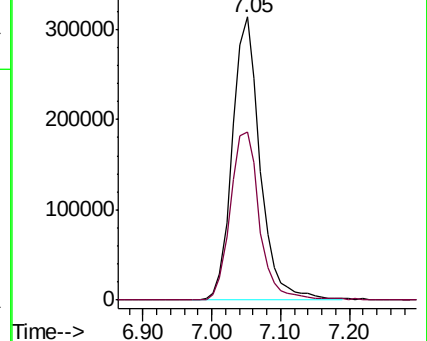
168 100

99 59.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.422 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD063160.D

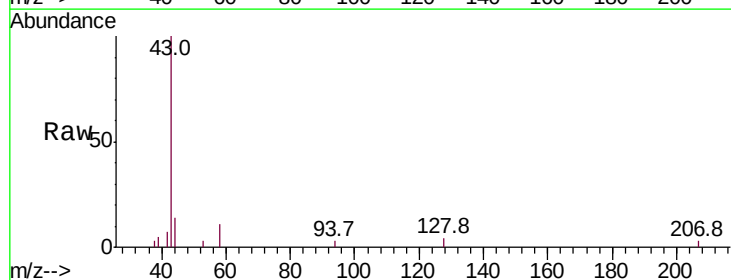
Acq: 19 Jul 2019 18:10

Tgt Ion: 43 Resp: 32763

Ion Ratio Lower Upper

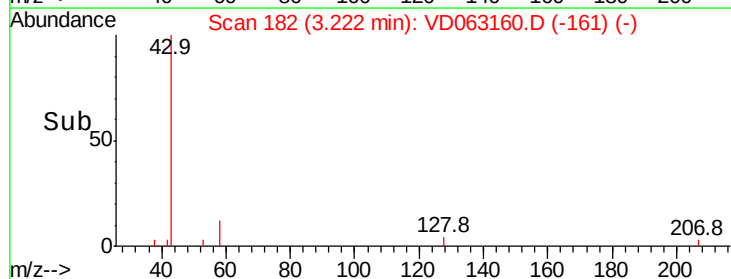
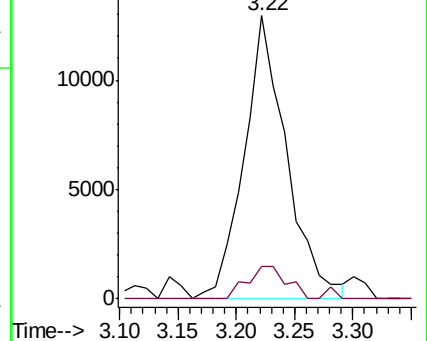
43 100

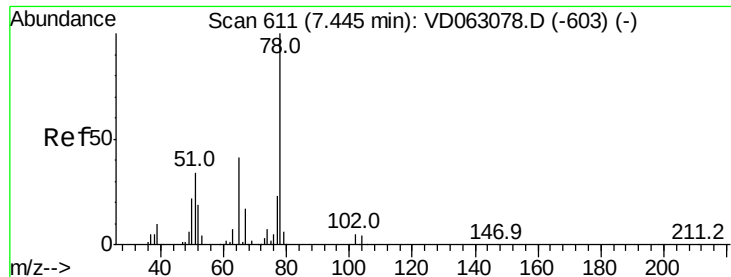
58 11.5 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 40.081 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

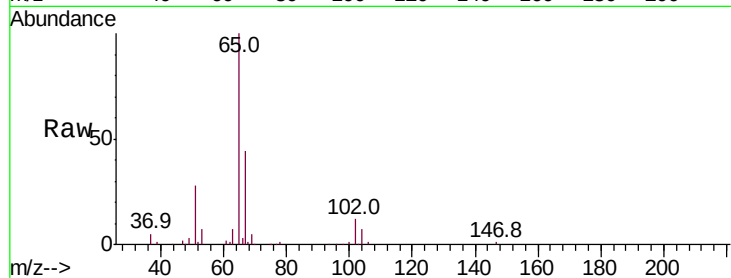
HJDC-G1

Tot Ion: 65 Resp: 437670

Ion Ratio Lower Upper

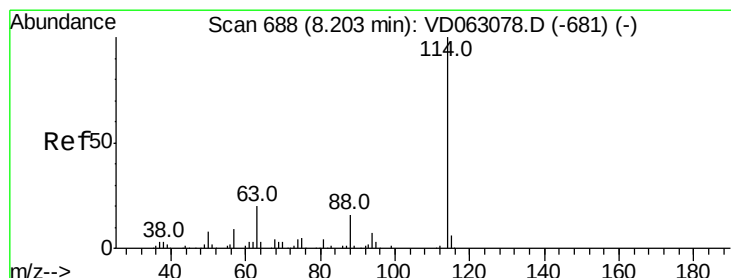
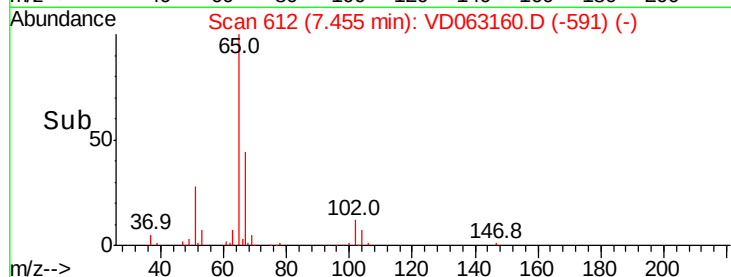
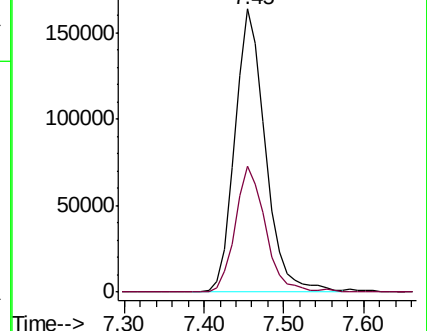
65 100

67 44.3 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

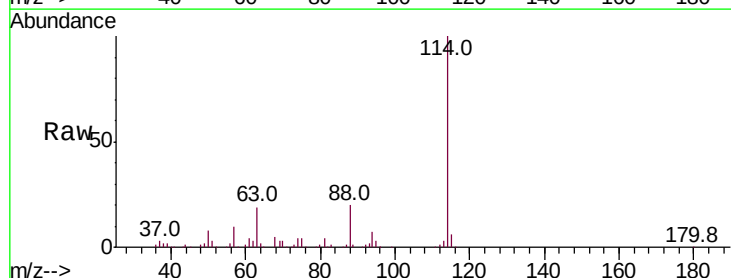
Tgt Ion: 114 Resp: 1186711

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

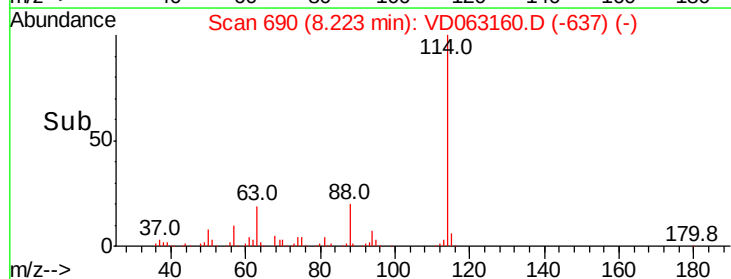
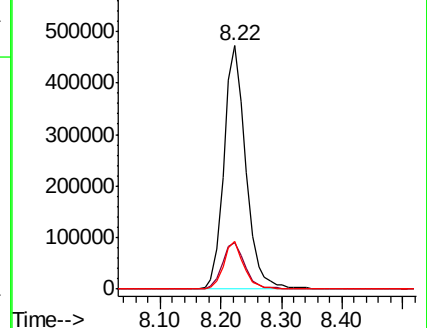
88 19.5 0.0 32.6

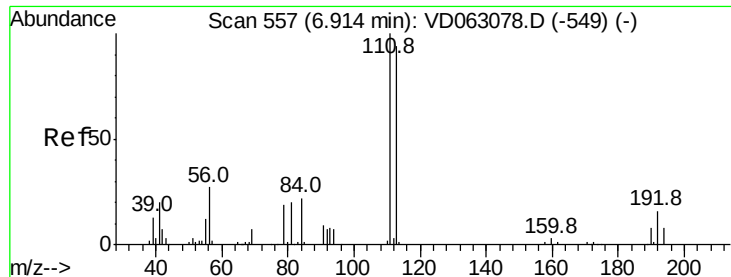


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 34.382 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G1

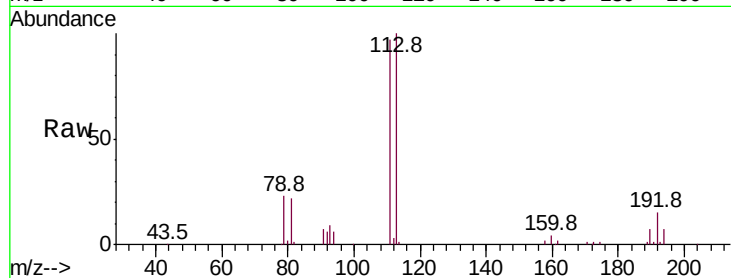
Tot Ion:113 Resp: 406390

Ion Ratio Lower Upper

113 100

111 97.4 84.8 127.2

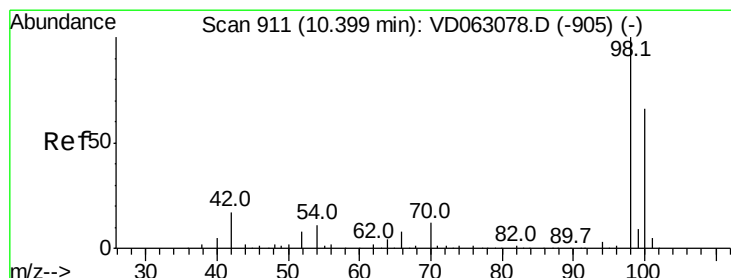
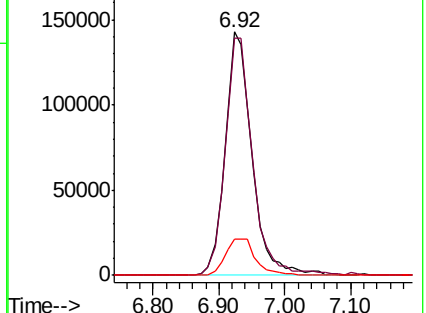
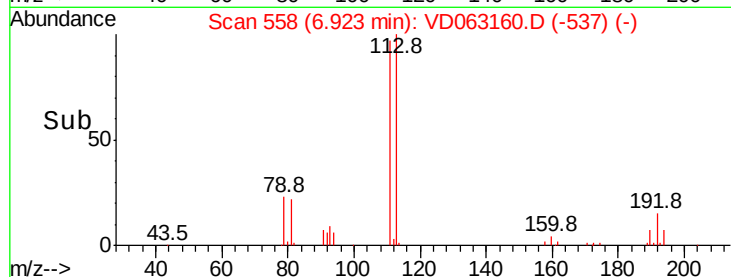
192 14.6 13.4 20.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 35.913 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063160.D

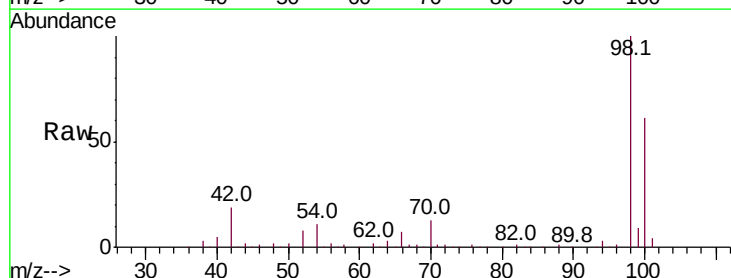
Acq: 19 Jul 2019 18:10

Tgt Ion: 98 Resp: 911809

Ion Ratio Lower Upper

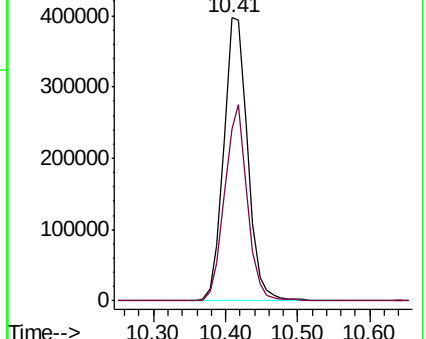
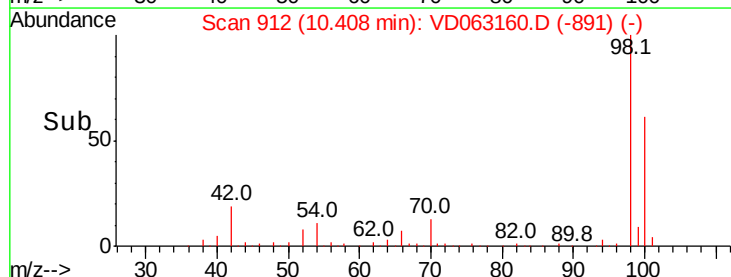
98 100

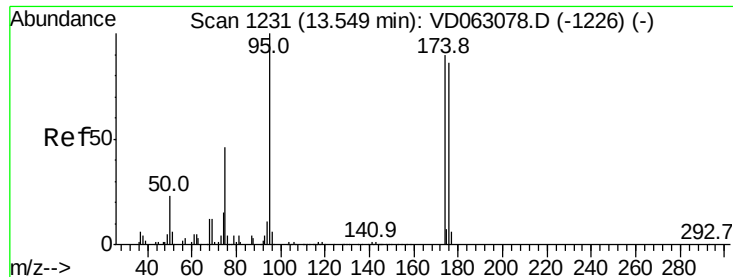
100 60.8 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

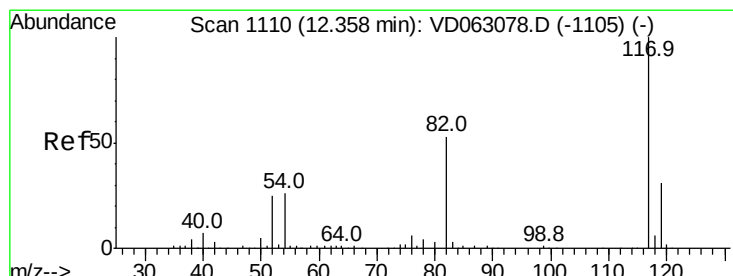
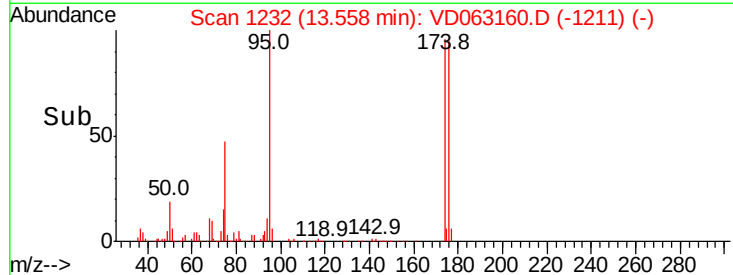
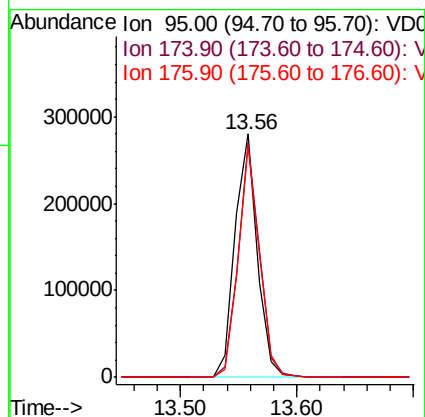
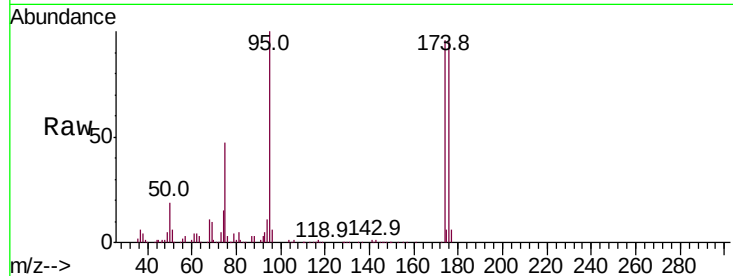




#62
4-Bromofluorobenzene
Concen: 31.596 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063160.D
Acq: 19 Jul 2019 18:10

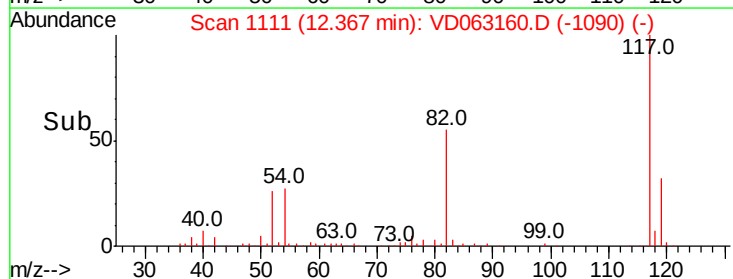
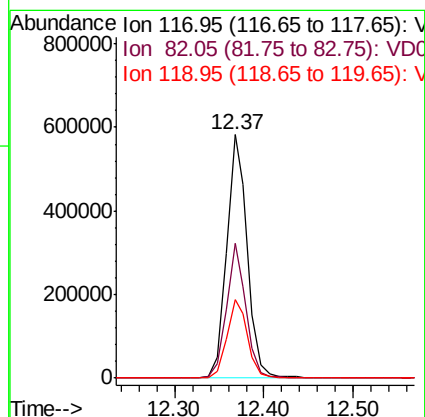
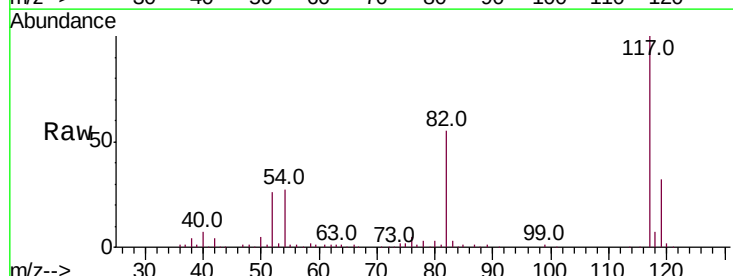
Instrument :
MSVOA_D
ClientSampleId :
HJDC-G1

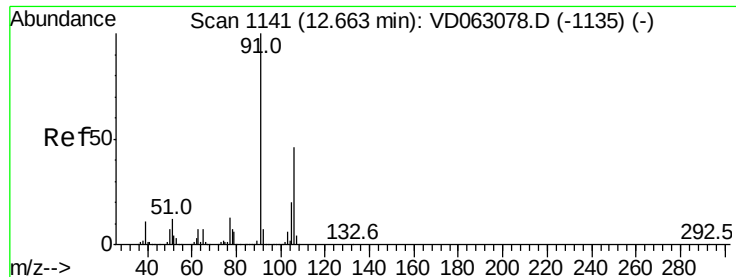
Tot Ion: 95 Resp: 371125
Ion Ratio Lower Upper
95 100
174 96.3 0.0 180.6
176 95.2 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063160.D
Acq: 19 Jul 2019 18:10

Tgt Ion: 117 Resp: 948645
Ion Ratio Lower Upper
117 100
82 55.2 42.3 63.5
119 32.1 25.2 37.8





#68

m/p-Xylenes

Concen: 3.998 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

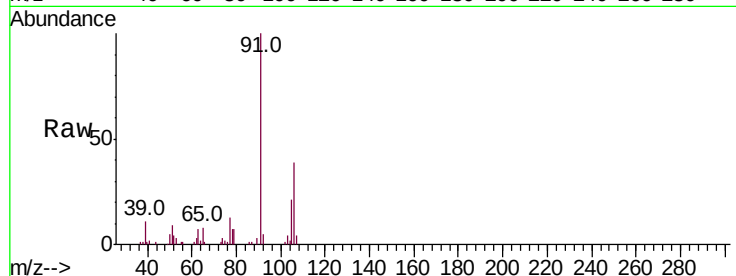
HJDC-G1

Tot Ion:106 Resp: 55483

Ion Ratio Lower Upper

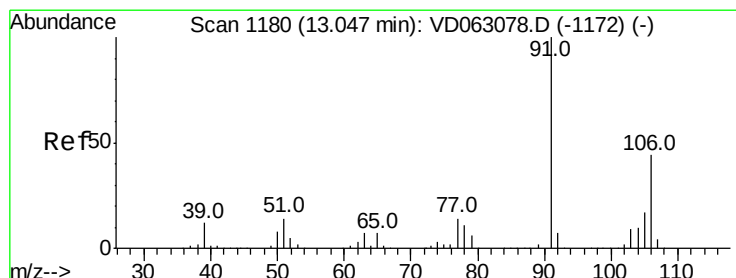
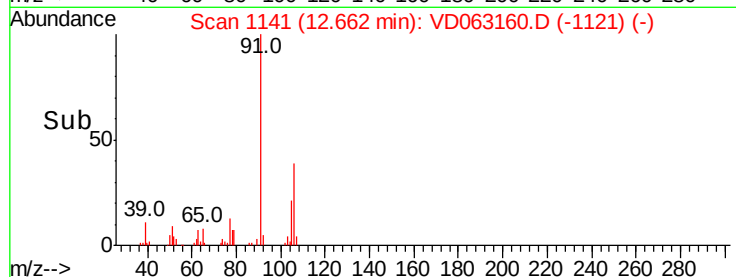
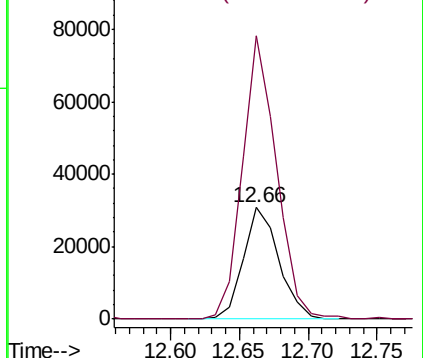
106 100

91 253.5 173.0 259.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 1.422 ug/l

RT: 13.06 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD063160.D

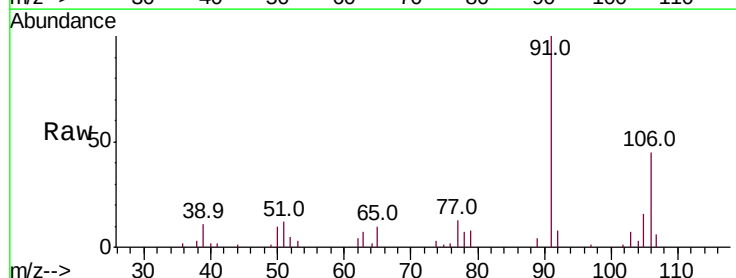
Acq: 19 Jul 2019 18:10

Tgt Ion:106 Resp: 18714

Ion Ratio Lower Upper

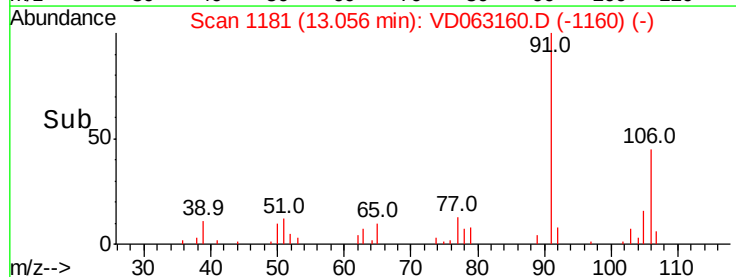
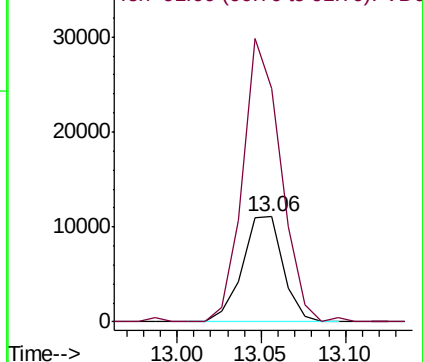
106 100

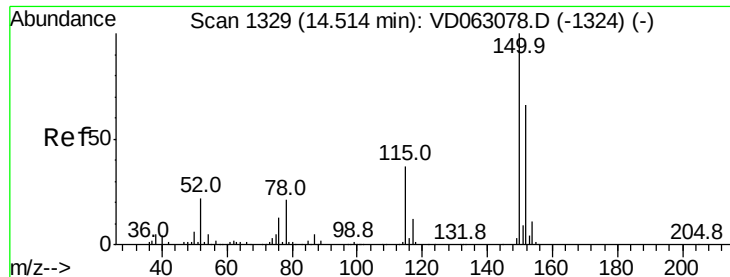
91 221.6 114.9 344.7



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G1

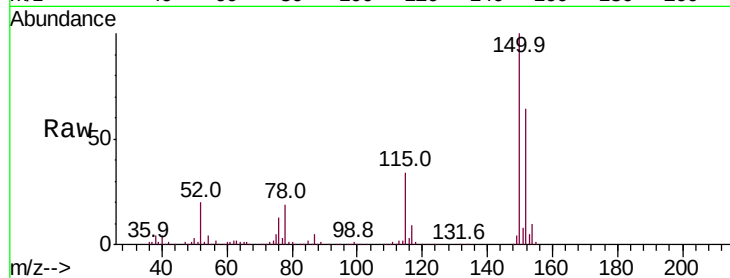
Tot Ion:152 Resp: 383209

Ion Ratio Lower Upper

152 100

115 53.0 28.9 86.8

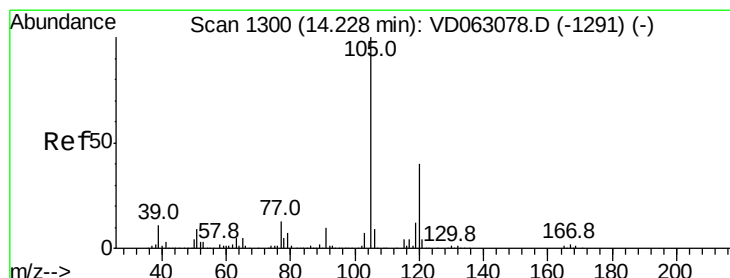
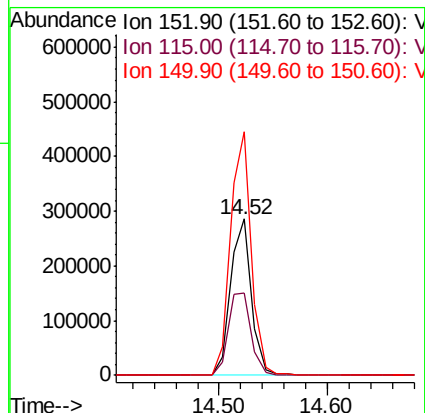
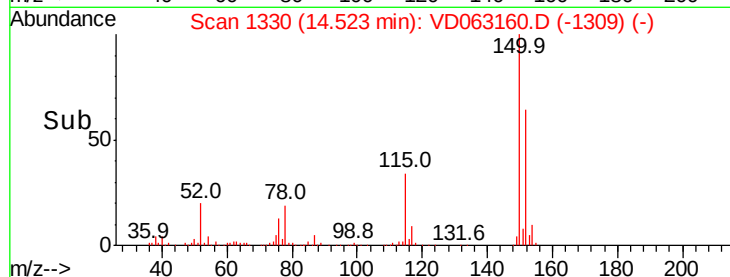
150 155.7 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 1.250 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VD063160.D

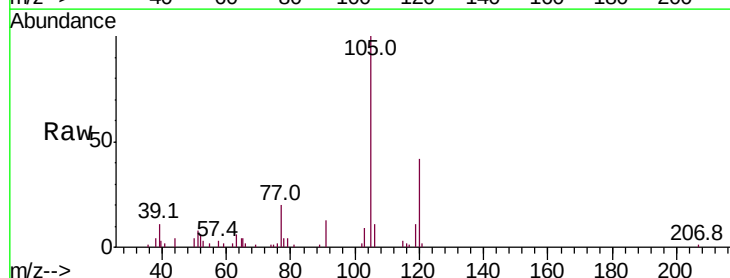
Acq: 19 Jul 2019 18:10

Tgt Ion:105 Resp: 32131

Ion Ratio Lower Upper

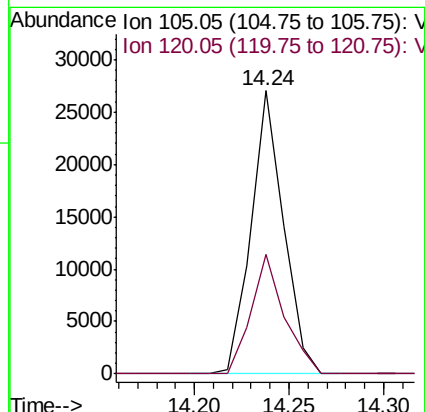
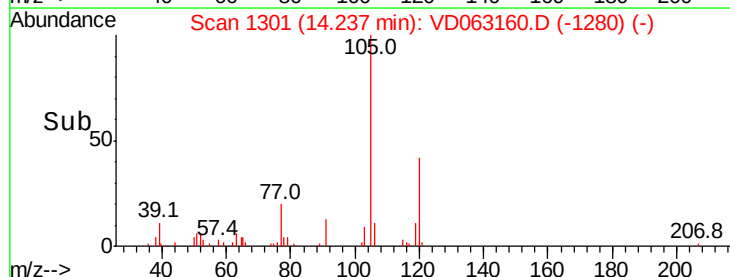
105 100

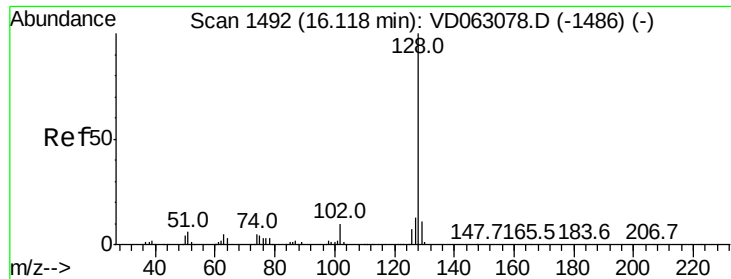
120 42.3 20.2 60.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#95

Naphthalene

Concen: 2.642 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD063160.D

Acq: 19 Jul 2019 18:10

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G1

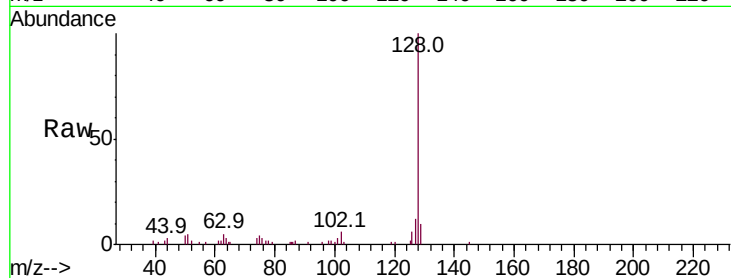
Tot Ion:128 Resp: 38755

Ion Ratio Lower Upper

128 100

127 12.0 10.7 16.1

129 9.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

