

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080519\
 Data File : VD063383.D
 Acq On : 5 Aug 2019 16:22
 Operator : VA/AP
 Sample : K4095-03
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-080219-B

Quant Time: Aug 06 08:16:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

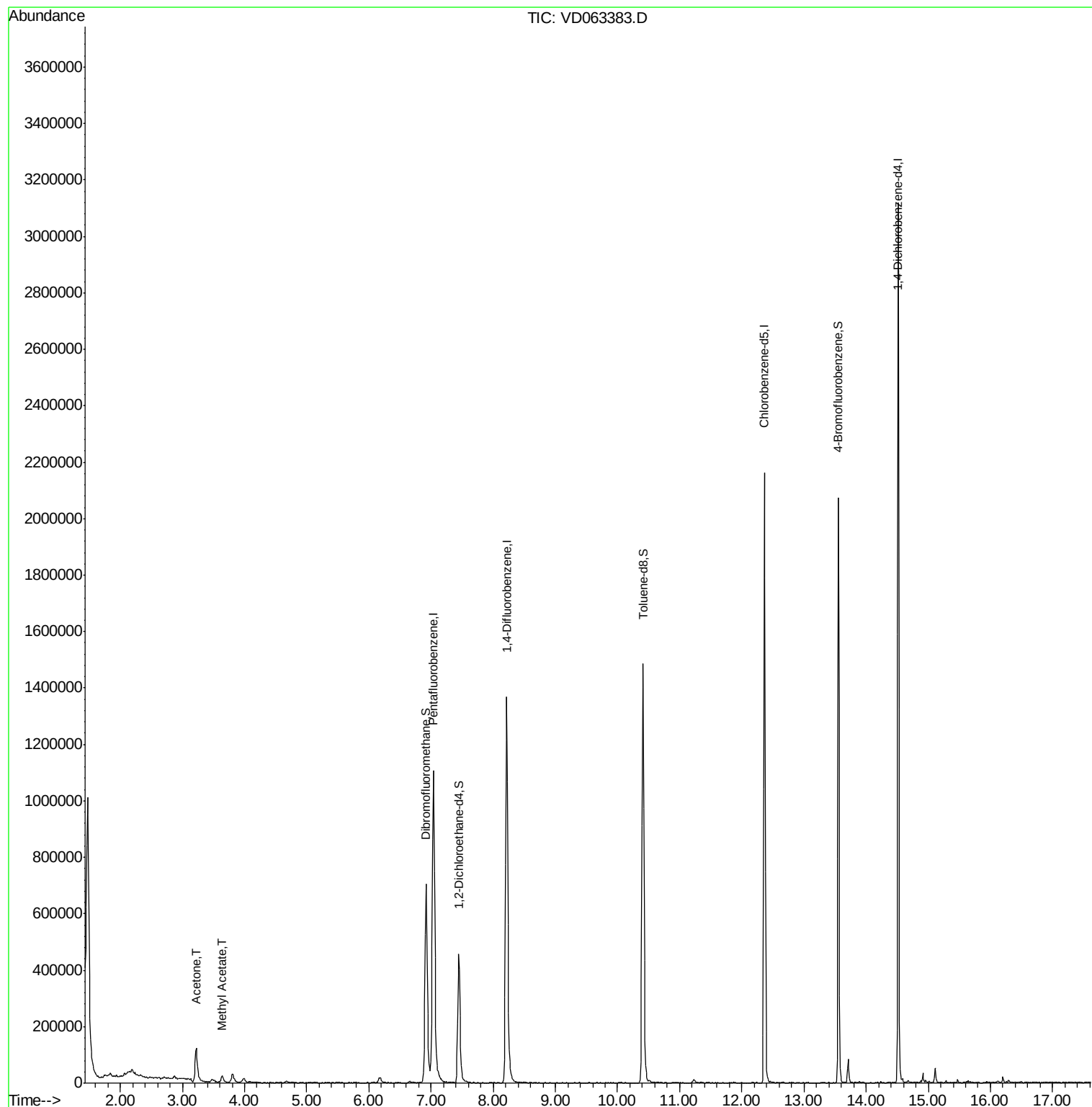
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1105850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1560074	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1220022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	634035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	502175	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
35) Dibromofluoromethane	6.92	113	619148	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.41	98	1283088	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
62) 4-Bromofluorobenzene	13.55	95	539291	39.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.40%	
Target Compounds						
16) Acetone	3.23	43	239952	100.366	ug/l	99
18) Methyl Acetate	3.64	43	44277	9.642	ug/l	98

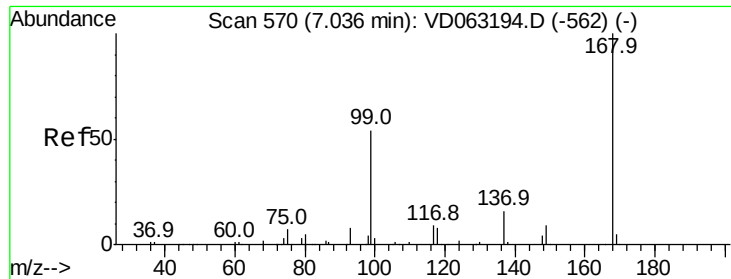
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063383.D

Acq: 5 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

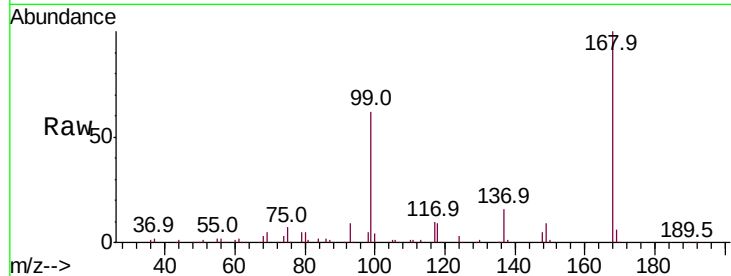
SU-02-080219-B

Tot Ion:168 Resp: 1105850

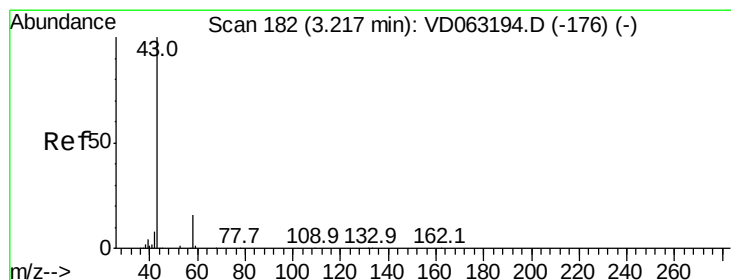
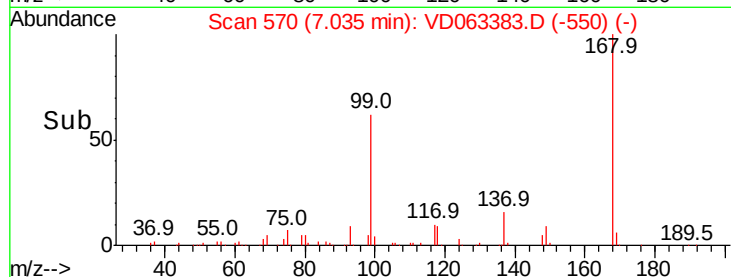
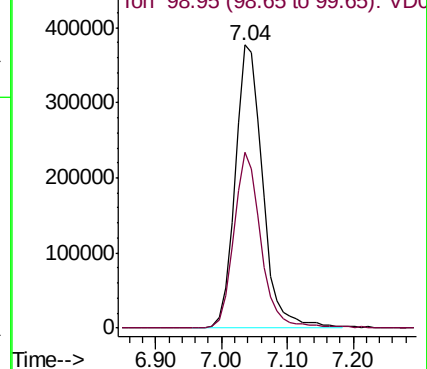
Ion Ratio Lower Upper

168 100

99 62.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 100.366 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063383.D

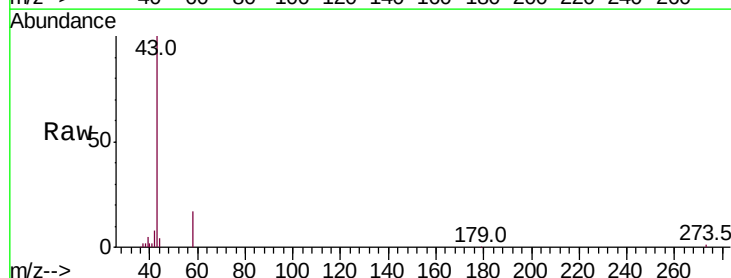
Acq: 5 Aug 2019 16:22

Tgt Ion: 43 Resp: 239952

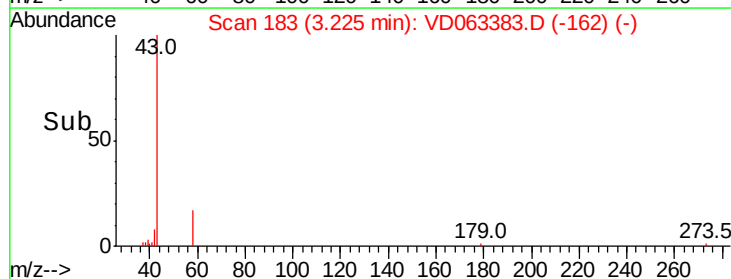
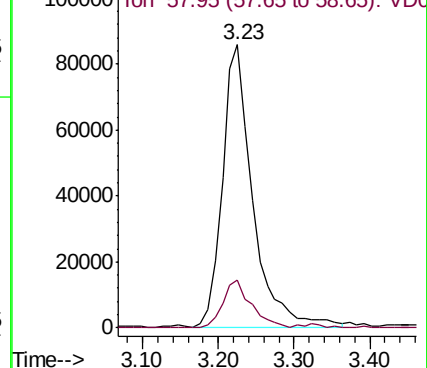
Ion Ratio Lower Upper

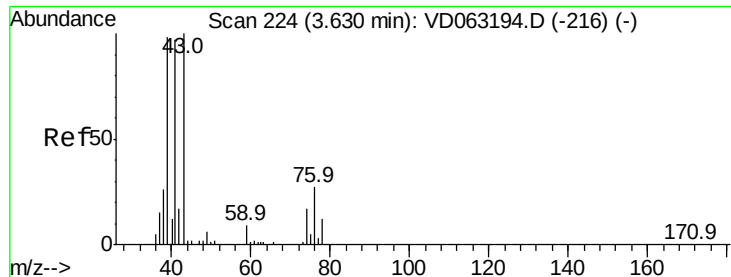
43 100

58 16.7 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

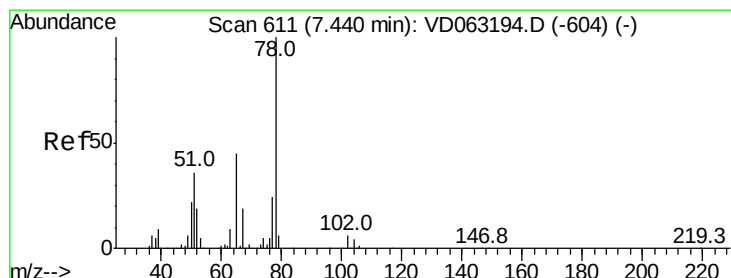
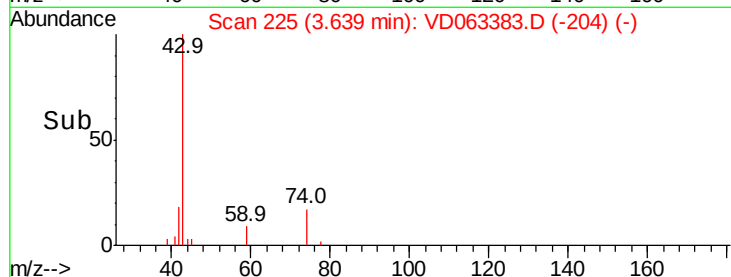
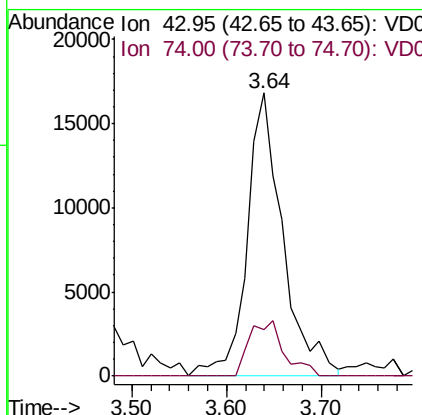
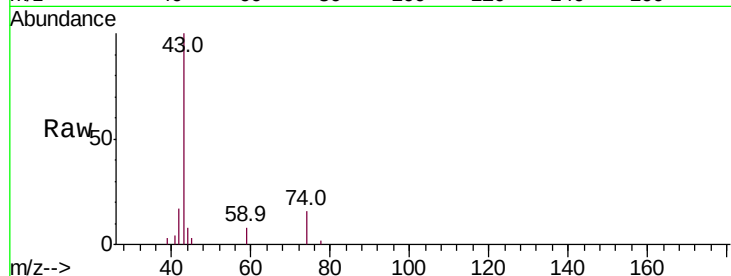




#18
Methyl Acetate
Concen: 9.642 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD063383.D
Acq: 5 Aug 2019 16:22

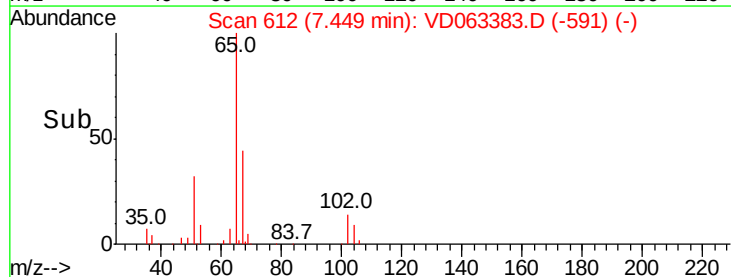
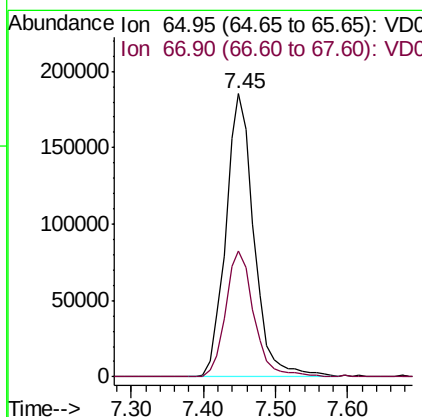
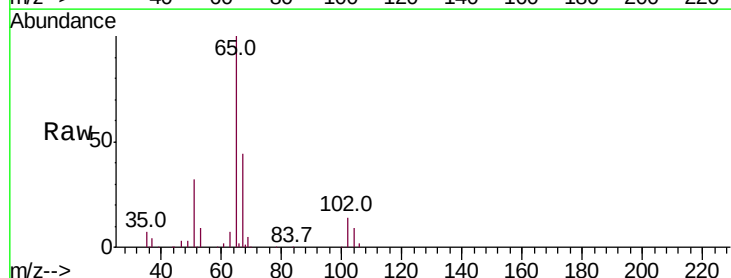
Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

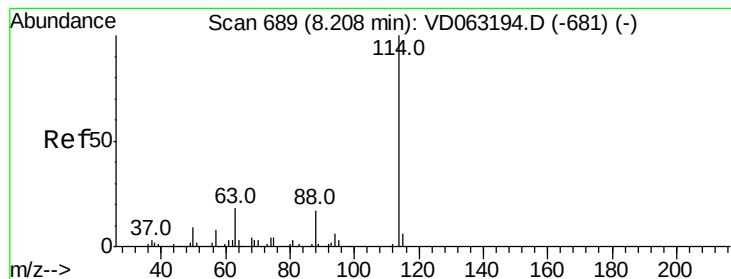
Tot Ion: 43 Resp: 44277
Ion Ratio Lower Upper
43 100
74 16.2 13.8 20.8



#33
1,2-Dichloroethane-d4
Concen: 40.926 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063383.D
Acq: 5 Aug 2019 16:22

Tgt Ion: 65 Resp: 502175
Ion Ratio Lower Upper
65 100
67 44.5 0.0 85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063383.D

Acq: 5 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

SU-02-080219-B

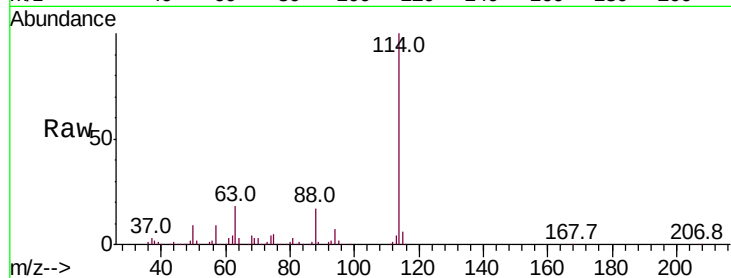
Tot Ion:114 Resp: 1560074

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

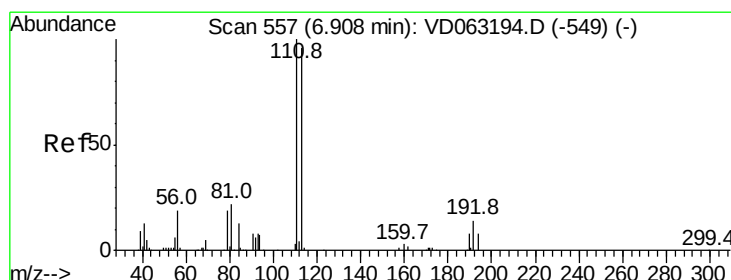
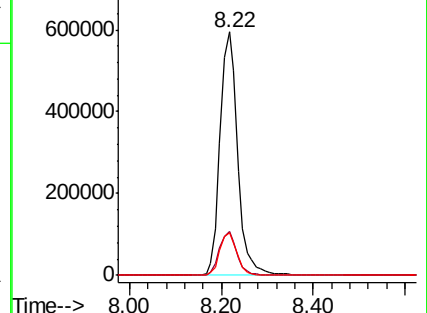
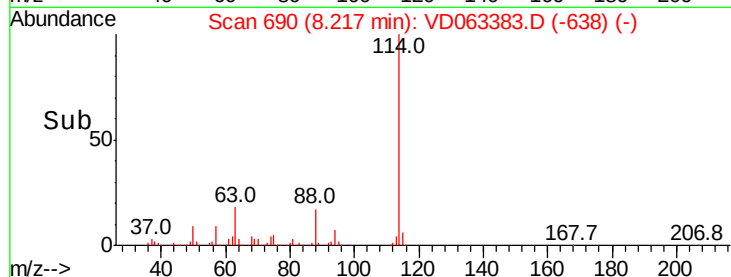
88 17.5 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.484 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063383.D

Acq: 5 Aug 2019 16:22

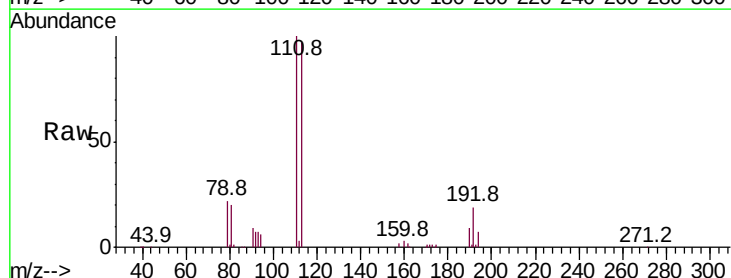
Tgt Ion:113 Resp: 619148

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

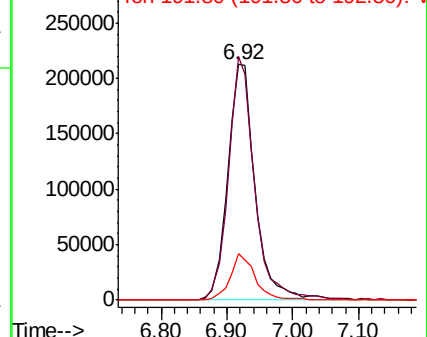
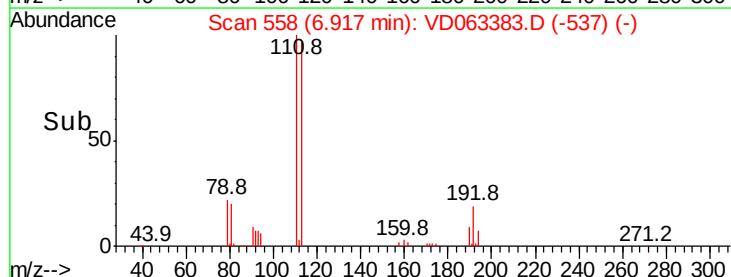
192 19.7 11.8 17.8#

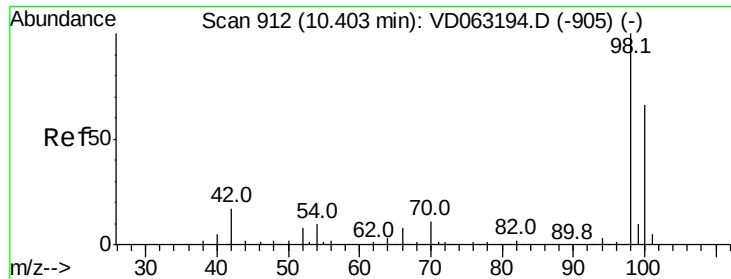


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 43.043 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063383.D

Acq: 5 Aug 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

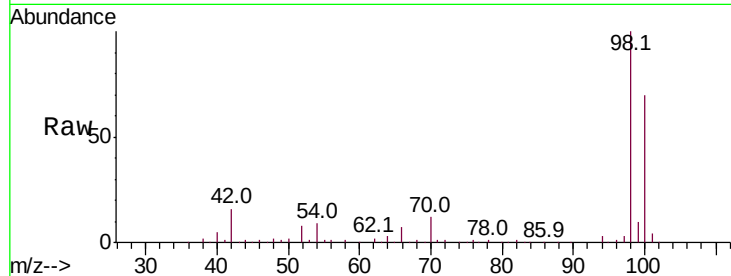
SU-02-080219-B

Tot Ion: 98 Resp: 1283088

Ion Ratio Lower Upper

98 100

100 70.0 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

600000

500000

400000

300000

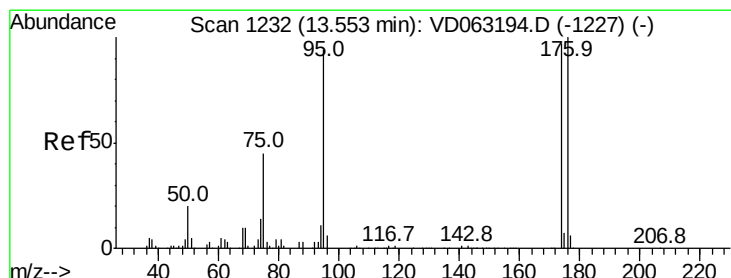
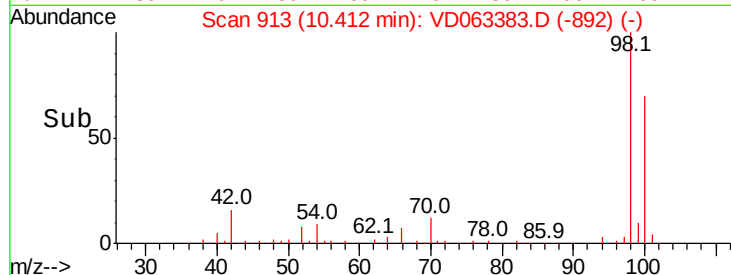
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 39.700 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063383.D

Acq: 5 Aug 2019 16:22

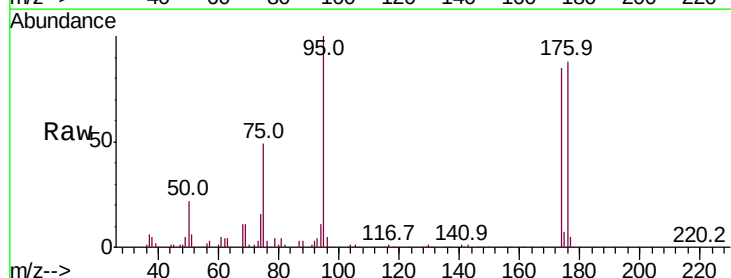
Tgt Ion: 95 Resp: 539291

Ion Ratio Lower Upper

95 100

174 84.7 0.0 205.4

176 88.4 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

500000

400000

300000

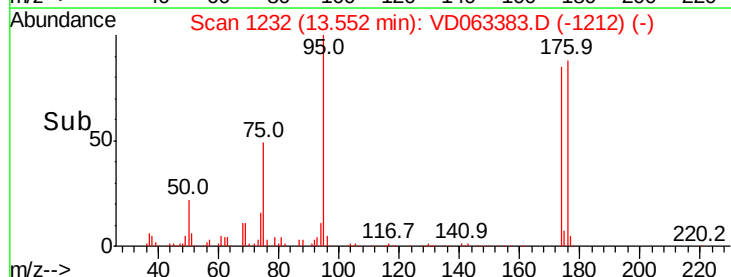
200000

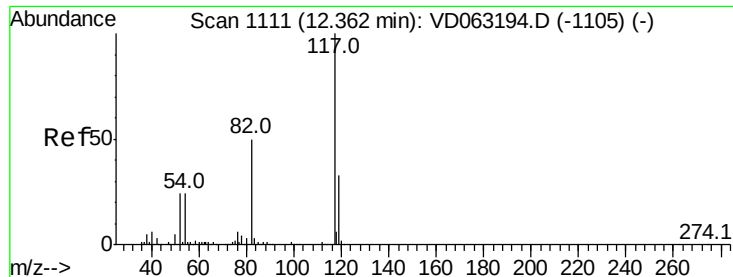
100000

0

13.50 13.55 13.60

Time-->

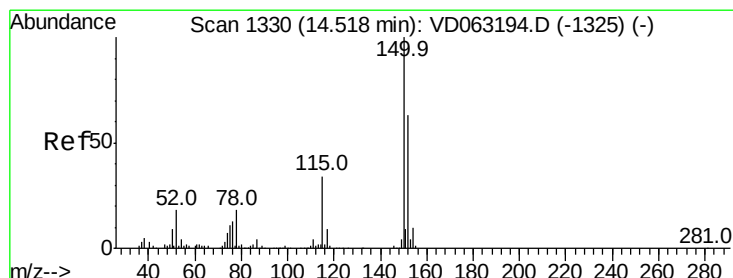
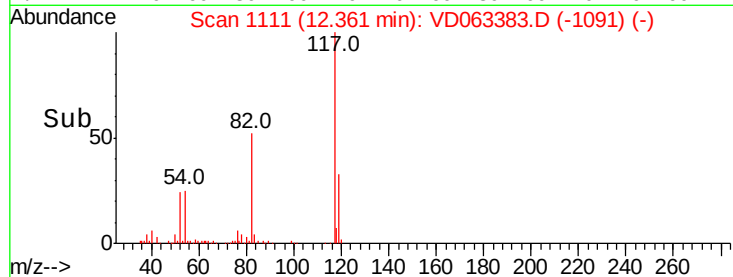
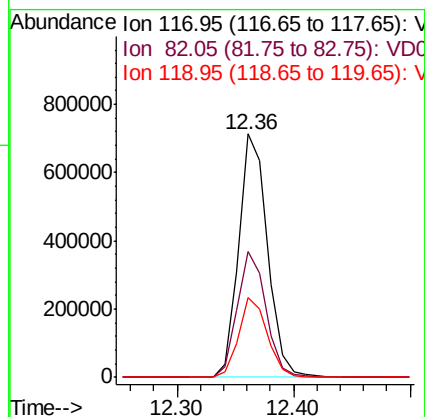
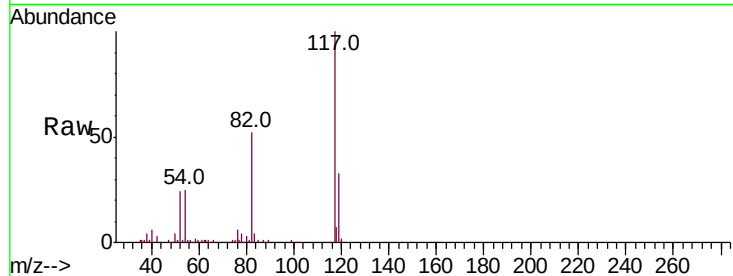




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063383.D
Acq: 5 Aug 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :
SU-02-080219-B

Tot Ion:117 Resp: 1220022
Ion Ratio Lower Upper
117 100
82 51.7 40.1 60.1
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063383.D
Acq: 5 Aug 2019 16:22

Tgt Ion:152 Resp: 634035
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.4
150 158.5 0.0 320.6

