

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062977.D
 Acq On : 28 Jun 2019 20:24
 Operator : VA/AP
 Sample : K3555-17
 Misc : 5.37g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-13

Quant Time: Jun 29 01:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

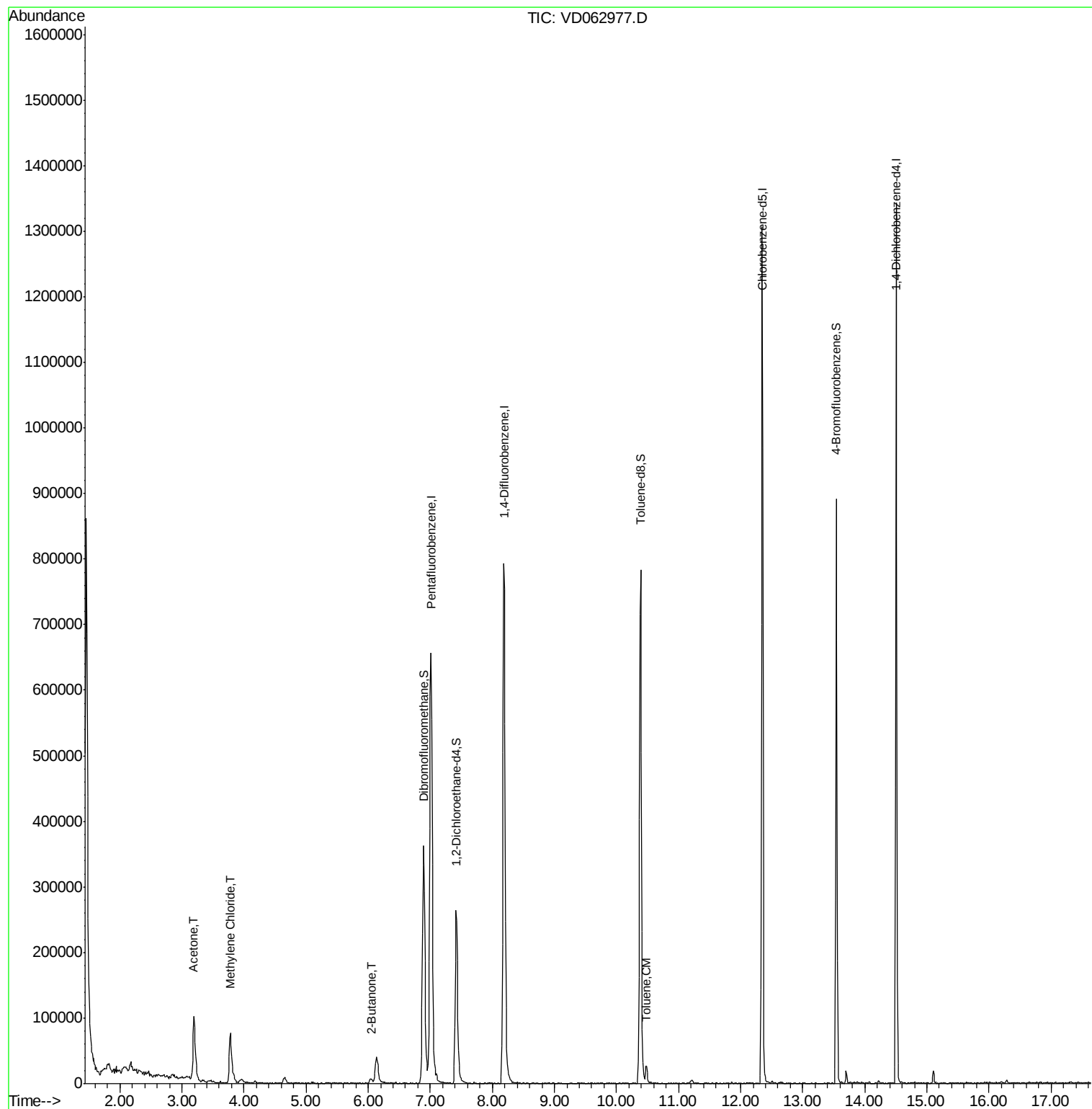
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	618119	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.18	114	818346	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.35	117	670187	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	279365	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	318353	47.38	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	6.89	113	329436	47.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.39	98	623513	41.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.04%	
62) 4-Bromofluorobenzene	13.54	95	236561	34.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.28%	
Target Compounds						
16) Acetone	3.19	43	193817	139.146	ug/l	99
20) Methylene Chloride	3.78	84	44322	8.650	ug/l	87
25) 2-Butanone	6.04	43	16327	12.993	ug/l #	87
52) Toluene	10.48	92	11242	1.075	ug/l	89

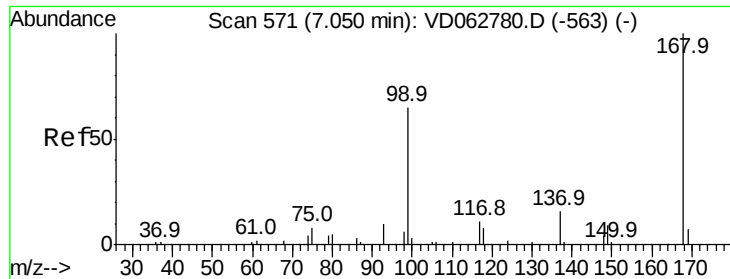
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
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Quant Time: Jun 29 01:15:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

Instrument :

MSVOA_D

ClientSampleId :

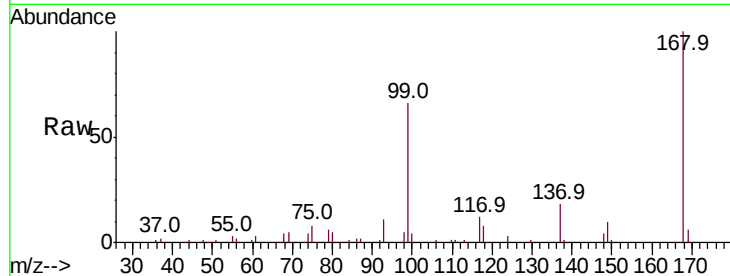
SAMPLE-13

Tot Ion:168 Resp: 618119

Ion Ratio Lower Upper

168 100

99 66.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

250000

200000

150000

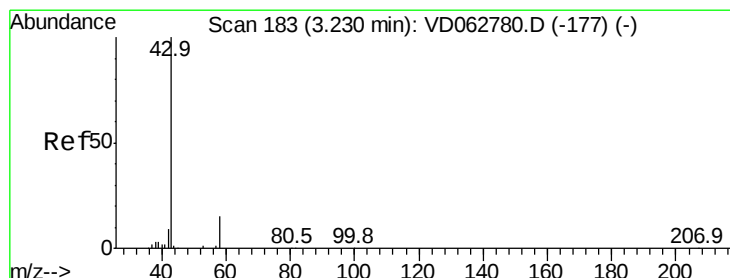
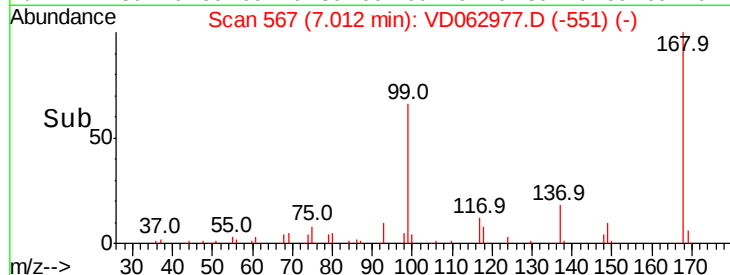
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 139.146 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD062977.D

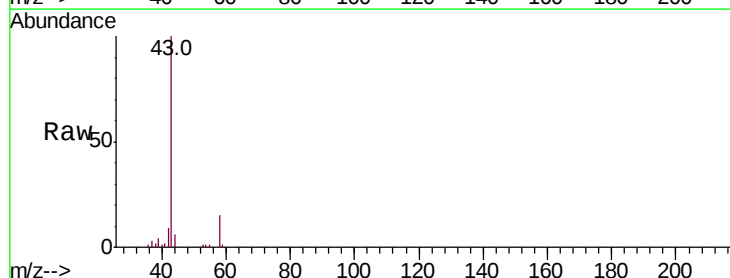
Acq: 28 Jun 2019 20:24

Tgt Ion: 43 Resp: 193817

Ion Ratio Lower Upper

43 100

58 14.5 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

80000

60000

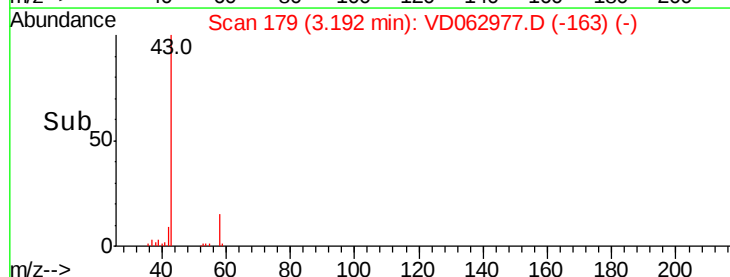
40000

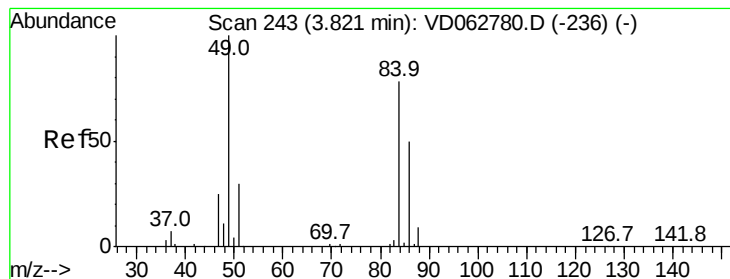
20000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methvlene Chloride

Concen: 8.650 ug/l

RT: 3.78 min Scan# 239

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-13

Tot Ion: 84 Resp: 44322

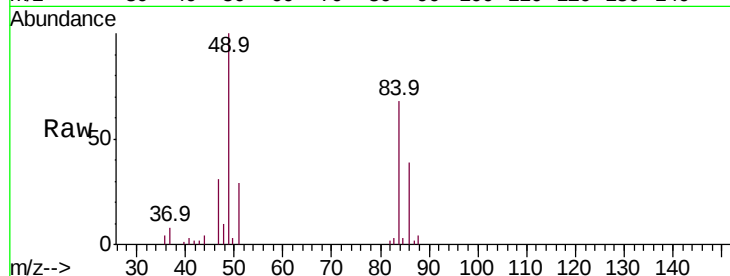
Ion Ratio Lower Upper

84 100

49 147.7 102.9 154.3

51 42.5 31.2 46.8

86 57.3 51.4 77.2

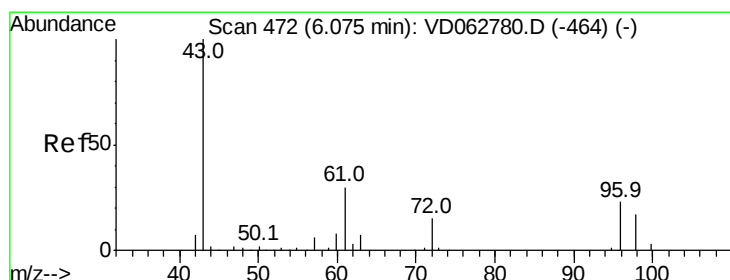
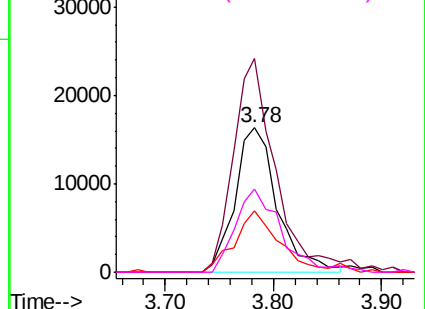
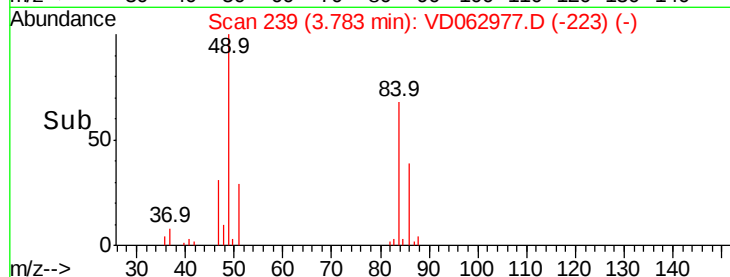


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#25

2-Butanone

Concen: 12.993 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.04 min

Lab File: VD062977.D

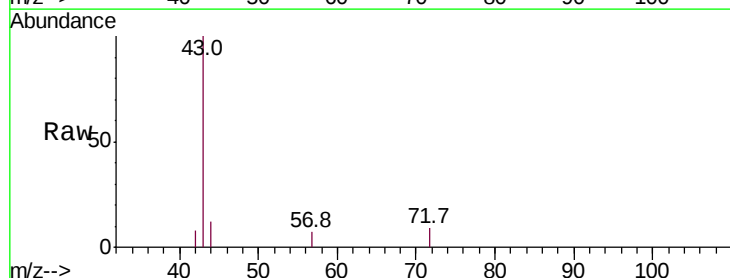
Acq: 28 Jun 2019 20:24

Tgt Ion: 43 Resp: 16327

Ion Ratio Lower Upper

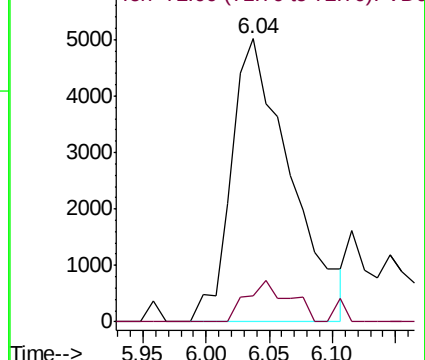
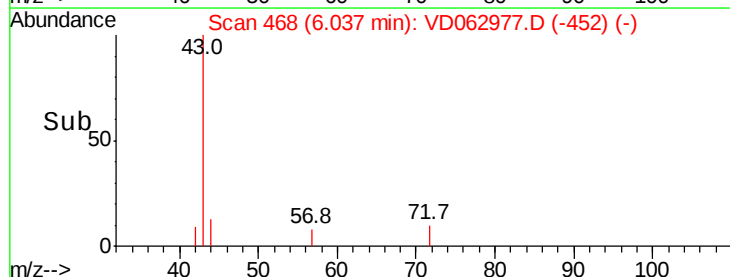
43 100

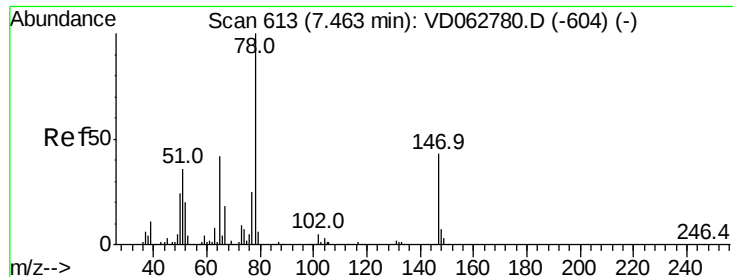
72 9.4 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 47.382 ug/l

RT: 7.43 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

Instrument :

MSVOA_D

ClientSampleId :

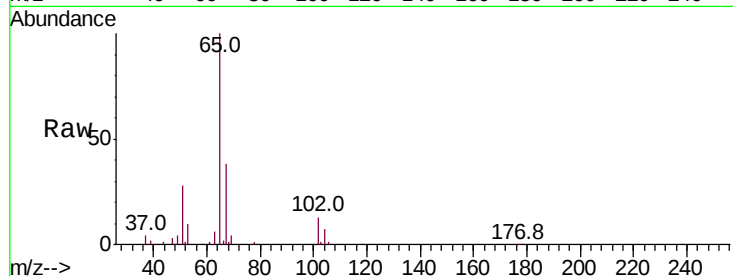
SAMPLE-13

Tot Ion: 65 Resp: 318353

Ion Ratio Lower Upper

65 100

67 37.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

120000

100000

80000

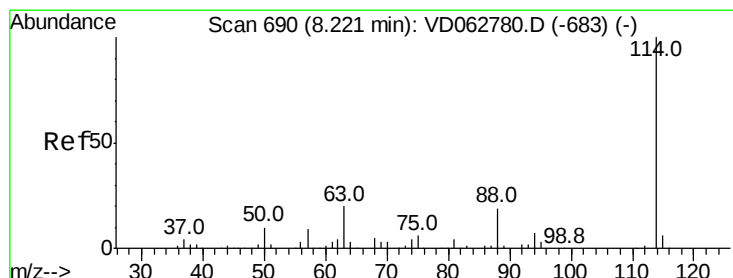
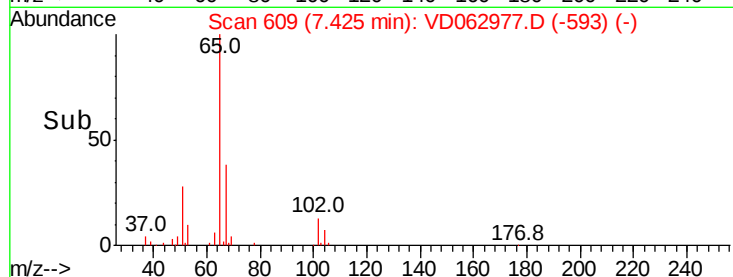
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.18 min Scan# 686

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

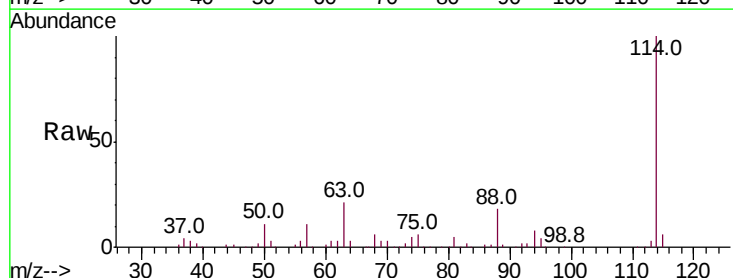
Tgt Ion: 114 Resp: 818346

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 18.3 0.0 38.8



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

8.18

400000

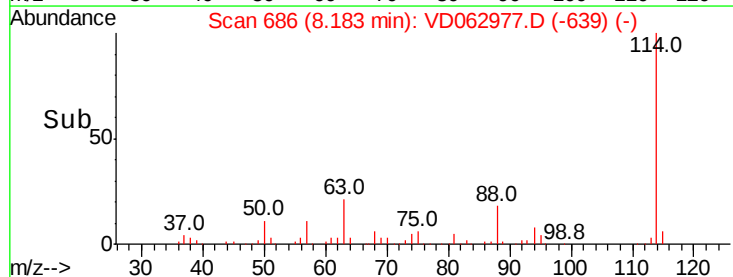
300000

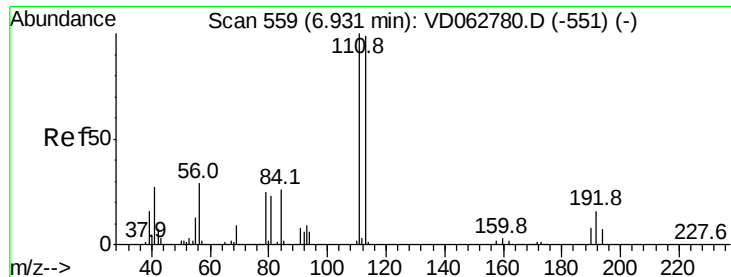
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.743 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-13

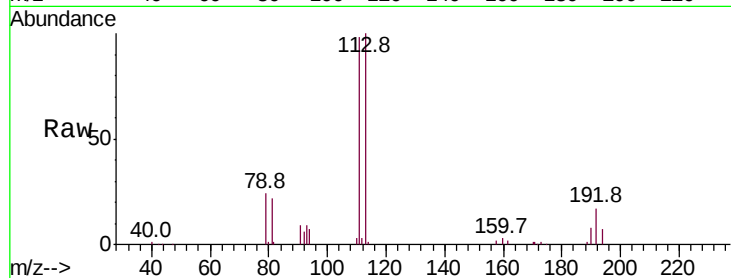
Tot Ion:113 Resp: 329436

Ion Ratio Lower Upper

113 100

111 98.2 81.2 121.8

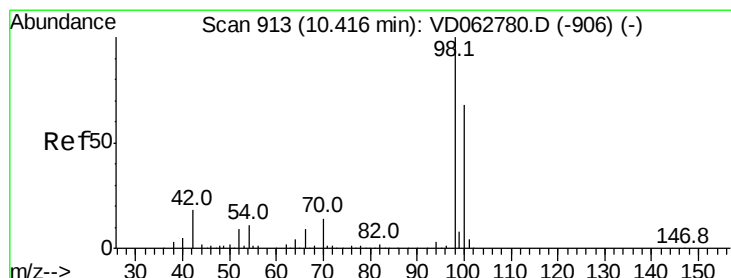
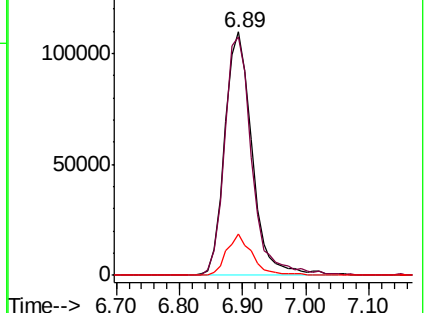
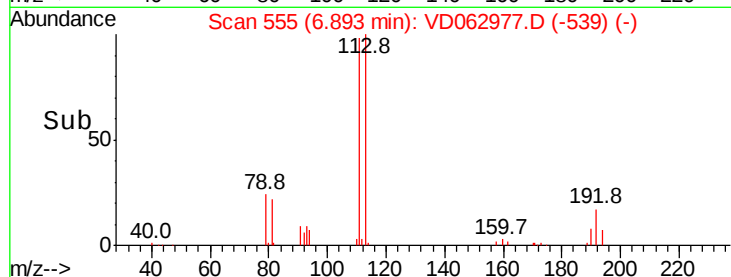
192 17.1 12.9 19.3



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: 41.517 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062977.D

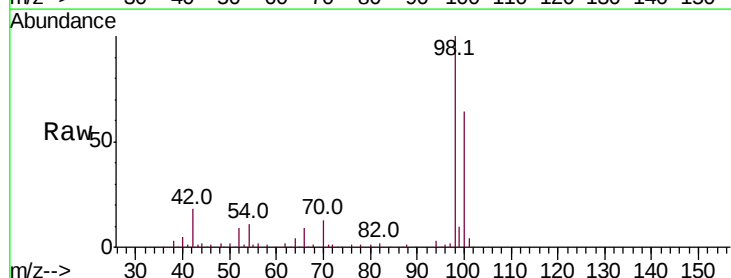
Acq: 28 Jun 2019 20:24

Tgt Ion: 98 Resp: 623513

Ion Ratio Lower Upper

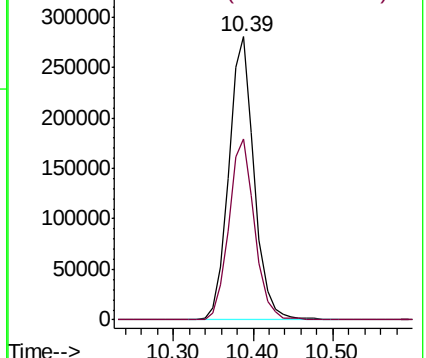
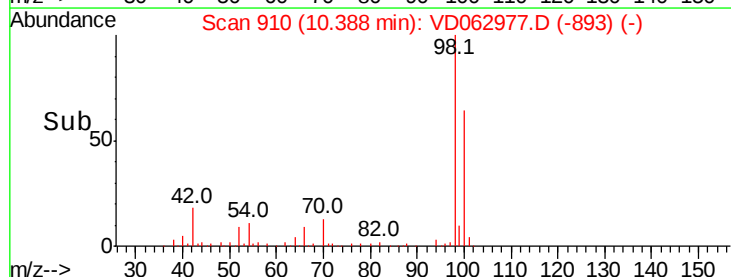
98 100

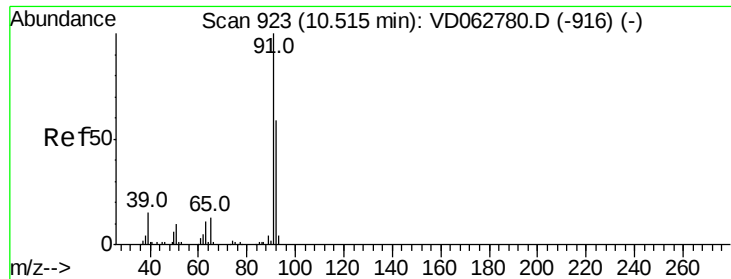
100 63.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.075 ug/l

RT: 10.48 min Scan# 919

Delta R.T. -0.04 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

Instrument :

MSVOA_D

ClientSampleId :

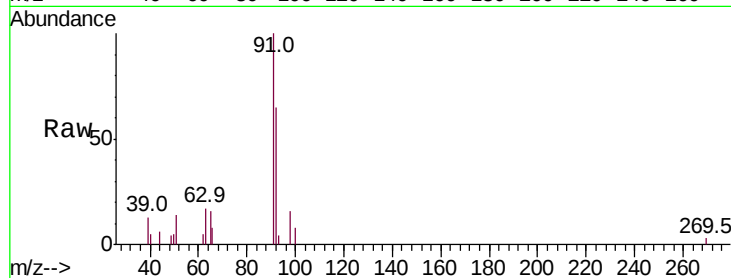
SAMPLE-13

Tot Ion: 92 Resp: 11242

Ion Ratio Lower Upper

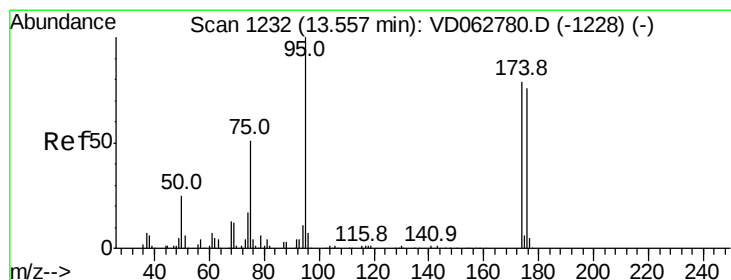
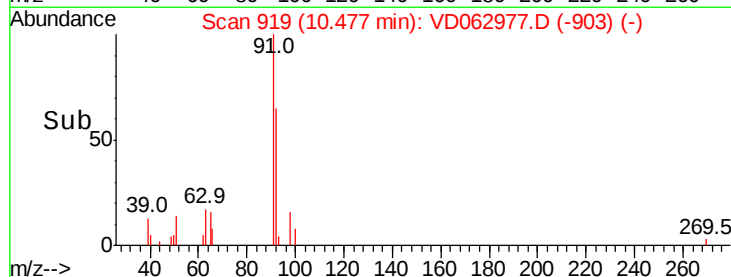
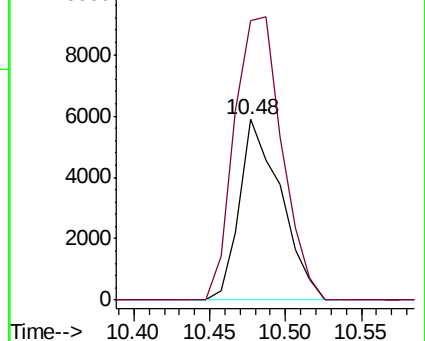
92 100

91 154.7 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 34.641 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. -0.02 min

Lab File: VD062977.D

Acq: 28 Jun 2019 20:24

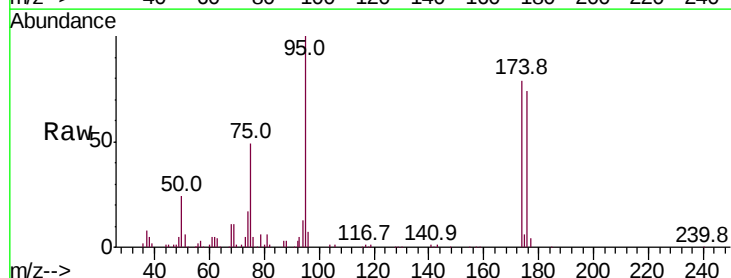
Tgt Ion: 95 Resp: 236561

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.0

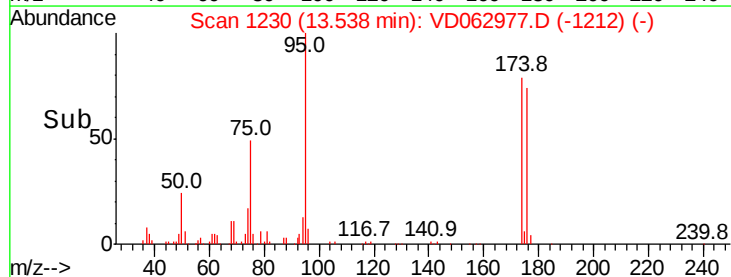
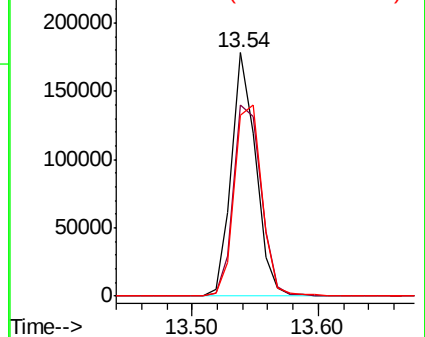
176 74.1 0.0 151.6

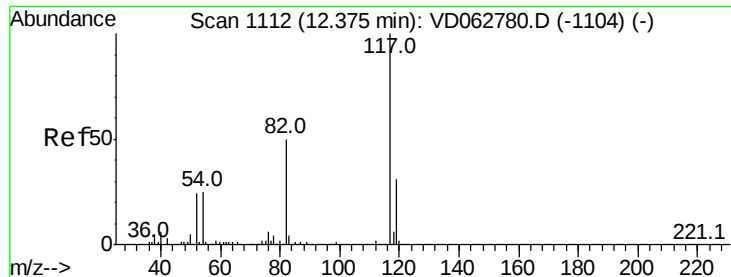


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

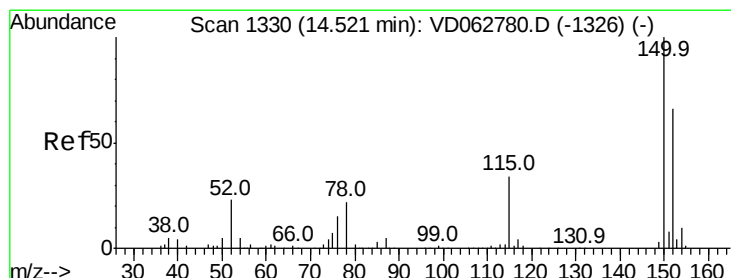
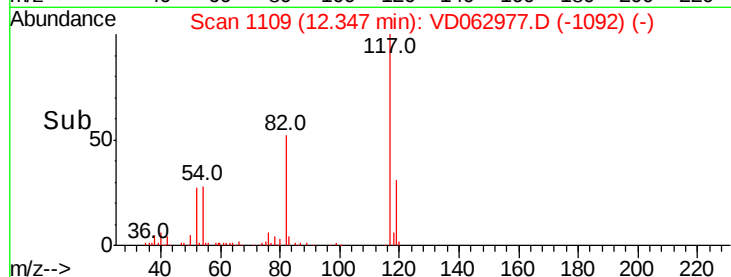
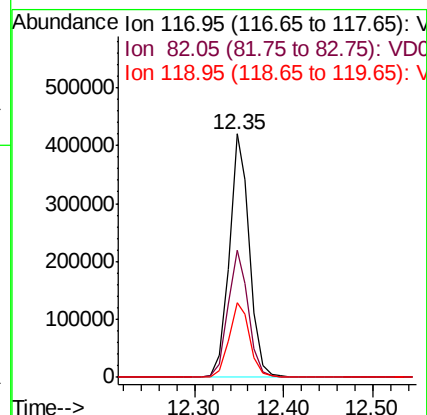
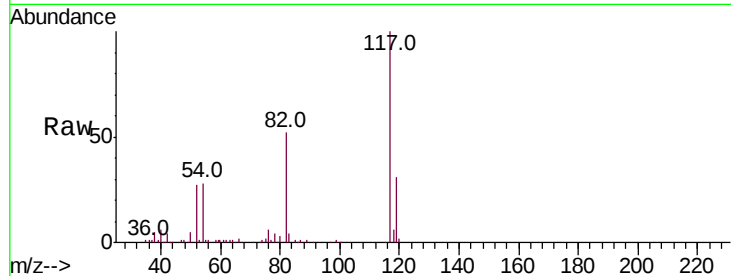




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062977.D
Acq: 28 Jun 2019 20:24

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-13

Tot Ion:117 Resp: 670187
Ion Ratio Lower Upper
117 100
82 52.4 40.4 60.6
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062977.D
Acq: 28 Jun 2019 20:24

Tgt Ion:152 Resp: 279365
Ion Ratio Lower Upper
152 100
115 58.4 29.2 87.6
150 146.8 0.0 305.8

