

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061195.D
 Acq On : 19 Mar 2019 19:53
 Operator : VA/AP
 Sample : K1935-09RE
 Misc : 3.08g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(14-15)RE

Quant Time: Mar 20 02:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

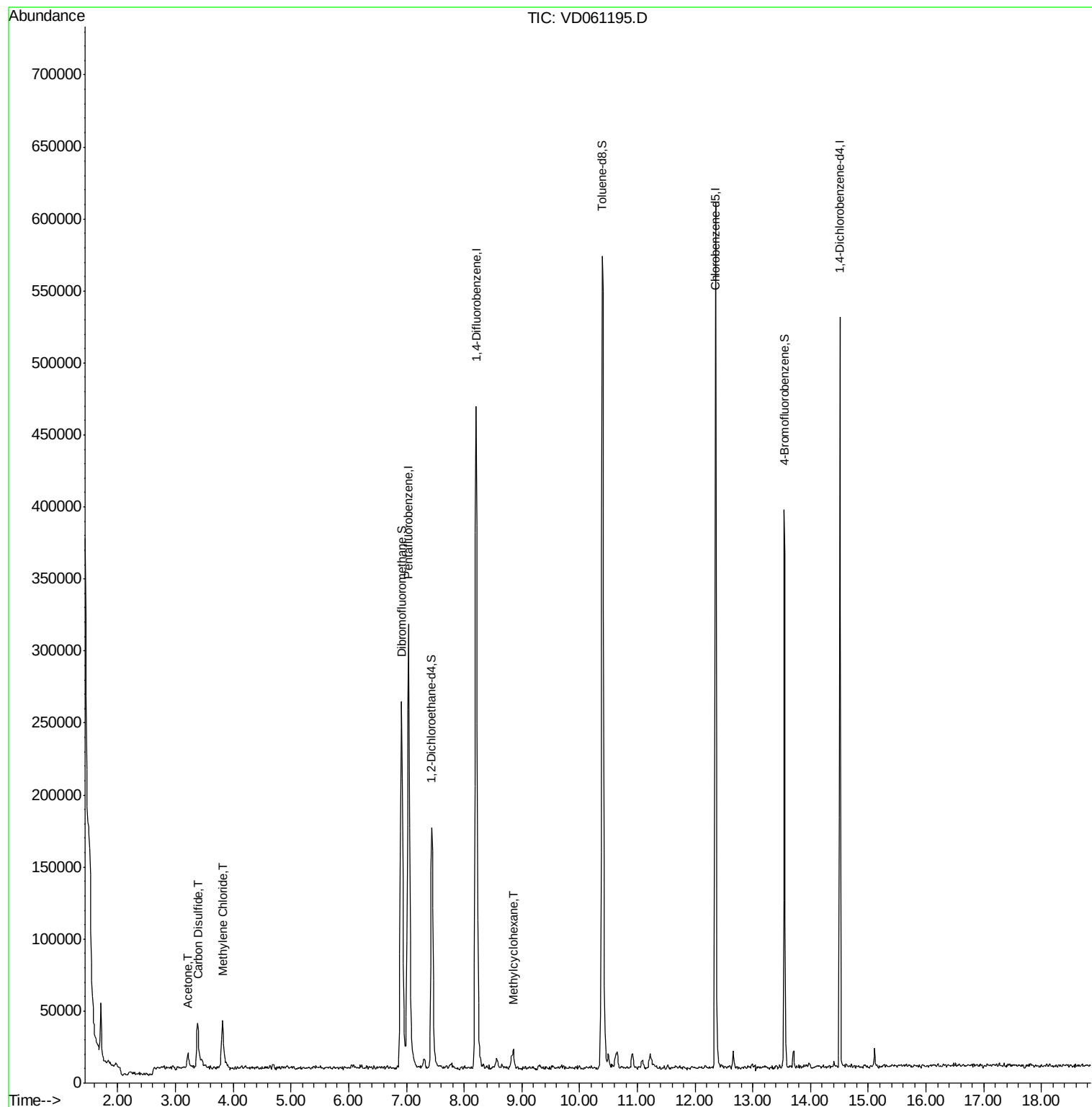
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	326203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	570255	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	396964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	118531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	167162	61.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.12%	
35) Dibromofluoromethane	6.92	113	252128	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
50) Toluene-d8	10.39	98	508898	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	13.54	95	132949	32.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.48%	
Target Compounds						
16) Acetone	3.22	43	17519	22.563	ug/l	93
17) Carbon Disulfide	3.38	76	63259	5.727	ug/l	96
20) Methylene Chloride	3.82	84	25975	2.948	ug/l #	90
39) Methylcyclohexane	8.86	83	7405	1.453	ug/l	95

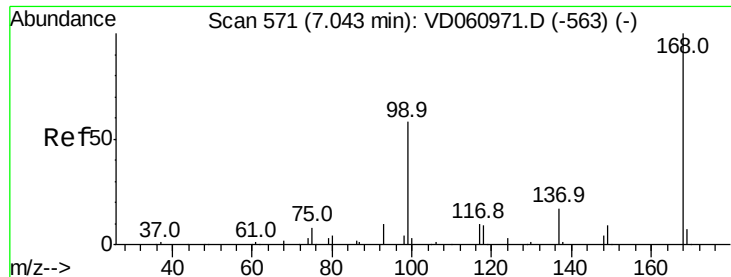
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

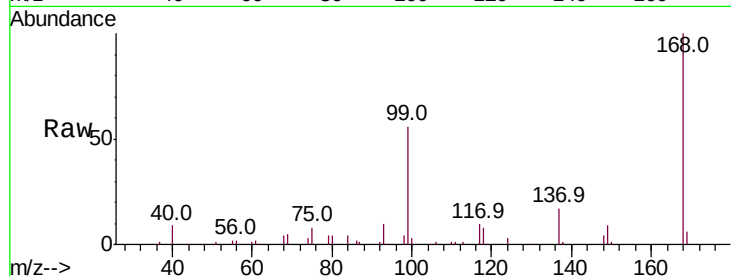
SB-2(14-15)RE

Tot Ion:168 Resp: 326203

Ion Ratio Lower Upper

168 100

99 56.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

120000

100000

80000

60000

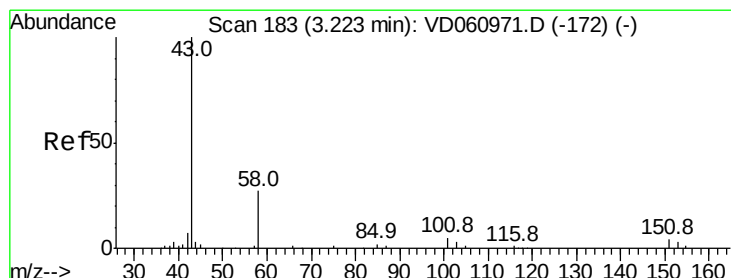
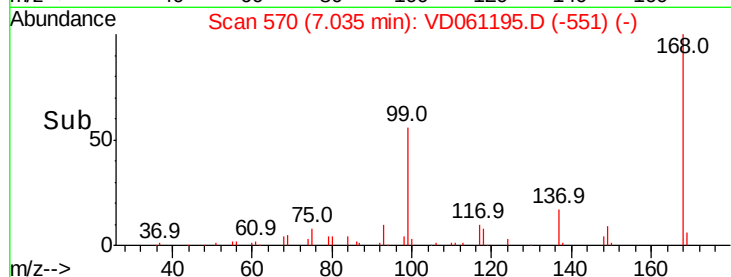
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 22.563 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061195.D

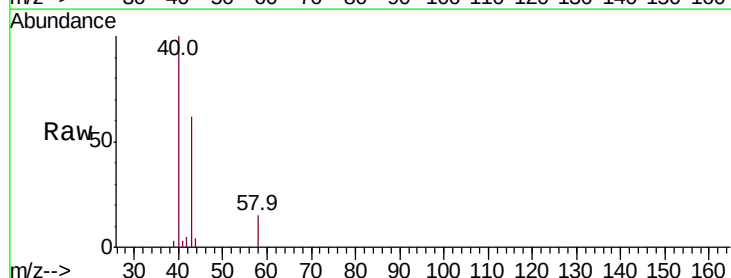
Acq: 19 Mar 2019 19:53

Tgt Ion: 43 Resp: 17519

Ion Ratio Lower Upper

43 100

58 23.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

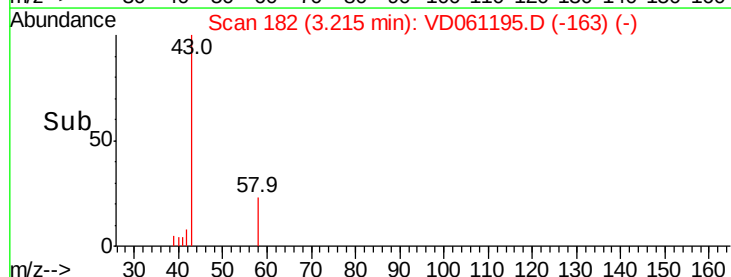
4000

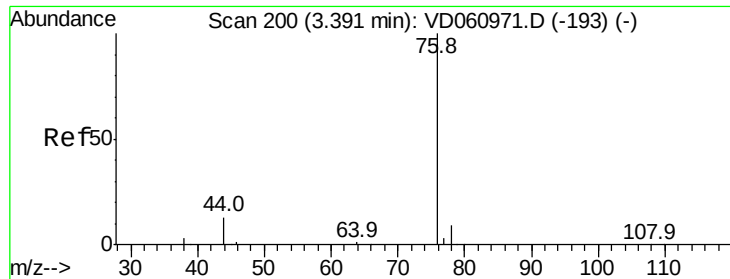
2000

0

Time-->

3.10 3.20 3.30





#17

Carbon Disulfide

Concen: 5.727 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

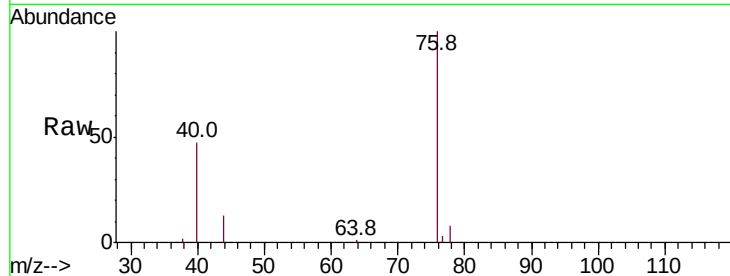
SB-2(14-15)RE

Tot Ion: 76 Resp: 63259

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

25000

20000

15000

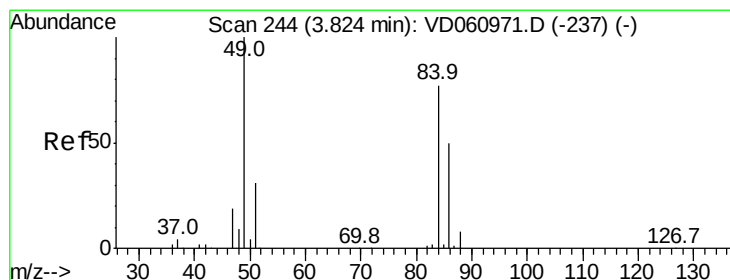
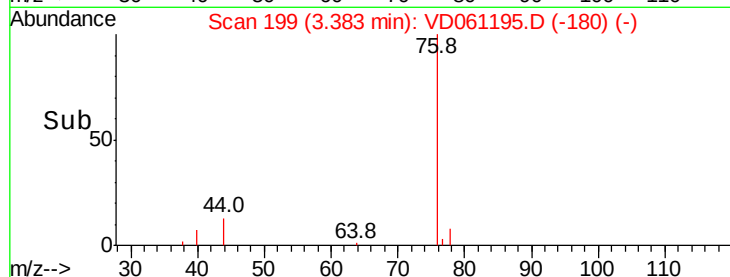
10000

5000

0

3.30 3.40 3.50 3.60

Time-->



#20

Methylene Chloride

Concen: 2.948 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

Tgt Ion: 84 Resp: 25975

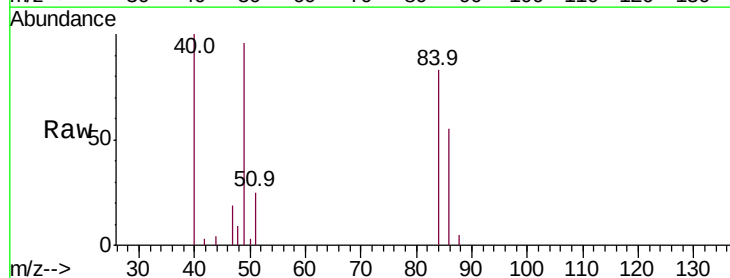
Ion Ratio Lower Upper

84 100

49 116.3 104.2 156.2

51 30.7 32.3 48.5#

86 66.4 52.3 78.5



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

15000

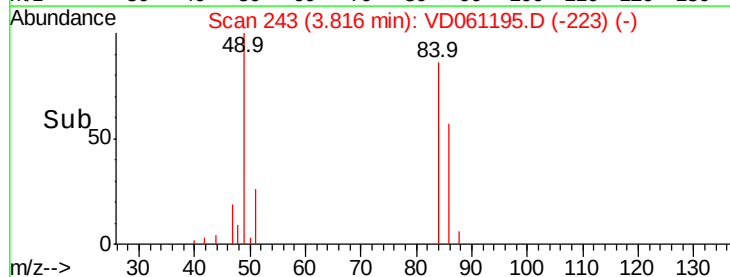
10000

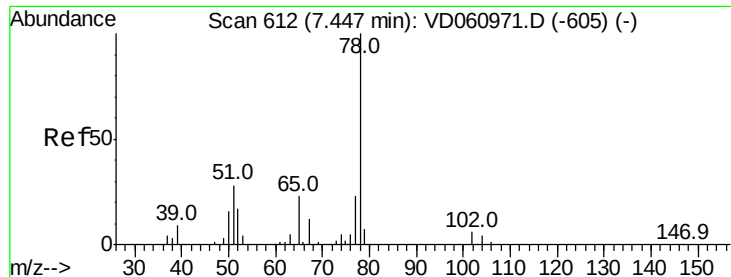
5000

0

3.70 3.80 3.90

Time-->

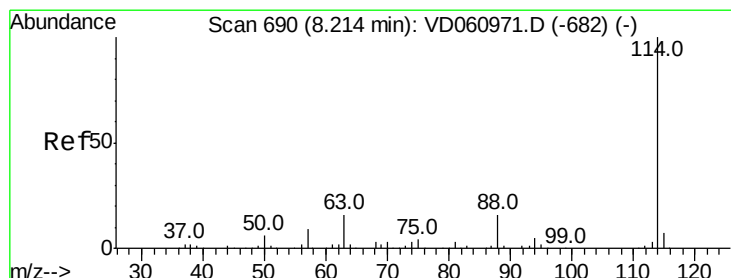
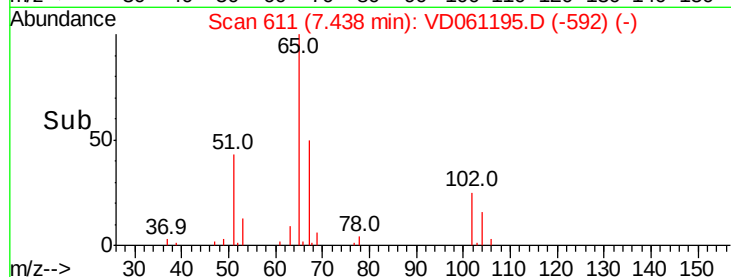
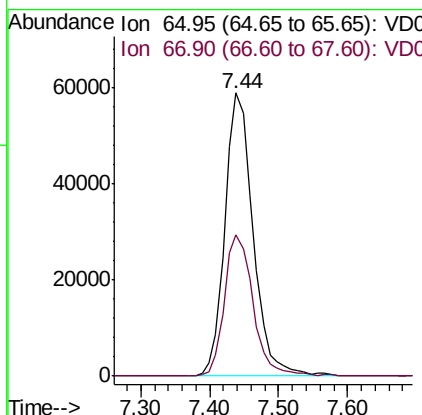
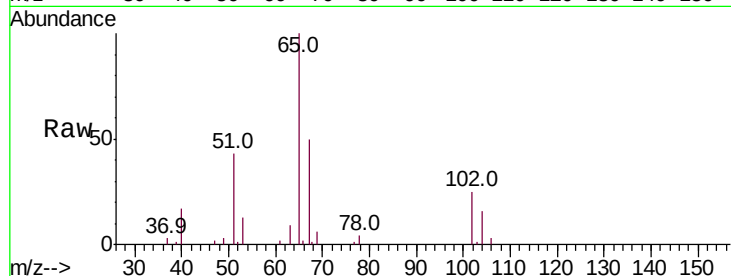




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061195.D
 Acq: 19 Mar 2019 19:53

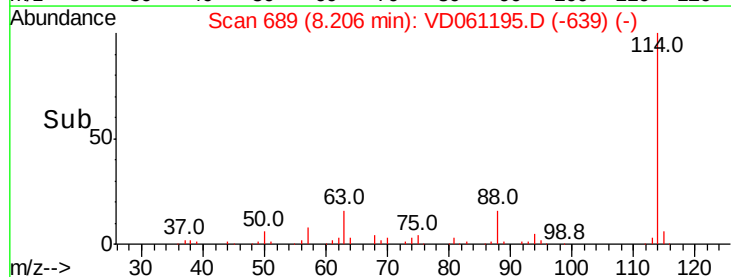
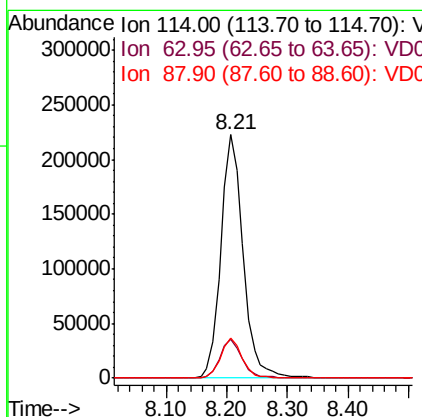
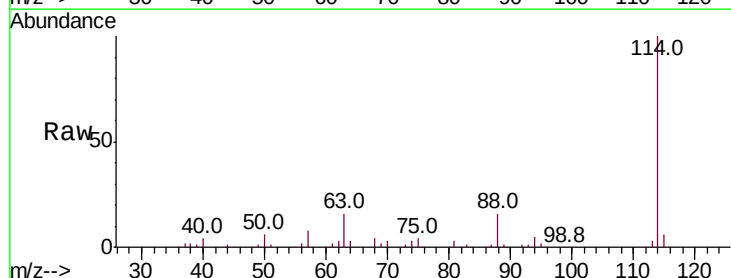
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(14-15)RE

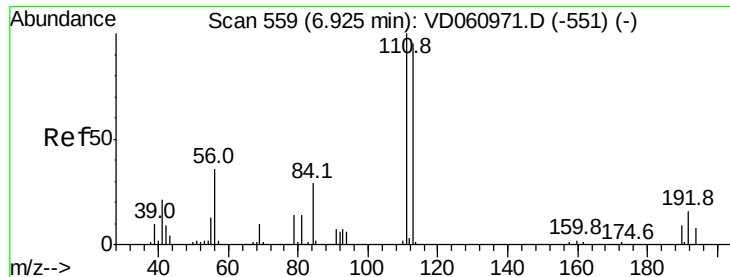
Tot Ion: 65 Resp: 167162
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061195.D
 Acq: 19 Mar 2019 19:53

Tgt Ion: 114 Resp: 570255
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

Instrument :

MSVOA_D

ClientSampleId :

SB-2(14-15)RE

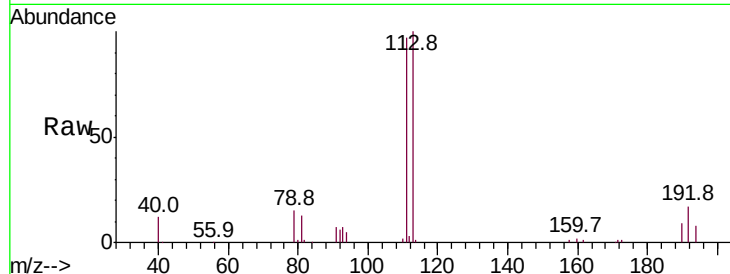
Tot Ion:113 Resp: 252128

Ion Ratio Lower Upper

113 100

111 97.2 84.2 126.4

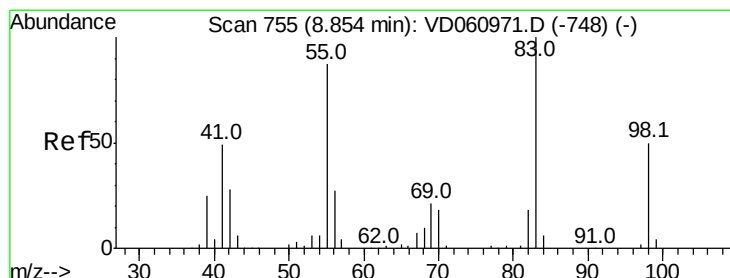
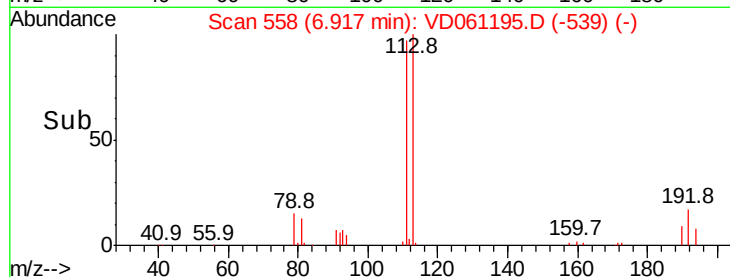
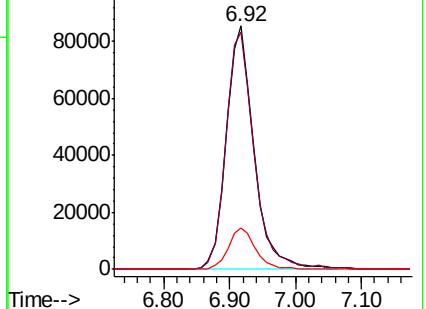
192 16.8 13.1 19.7



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



#39

Methylcyclohexane

Concen: 1.453 ug/l

RT: 8.86 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

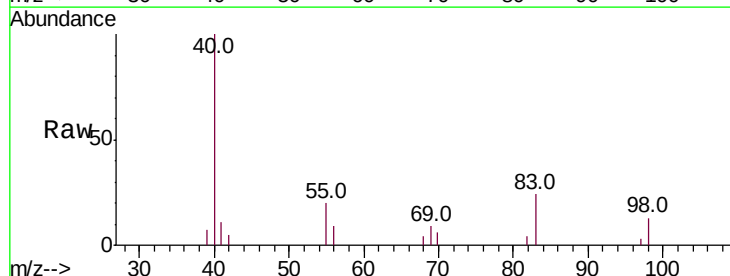
Tgt Ion: 83 Resp: 7405

Ion Ratio Lower Upper

83 100

55 82.0 69.6 104.4

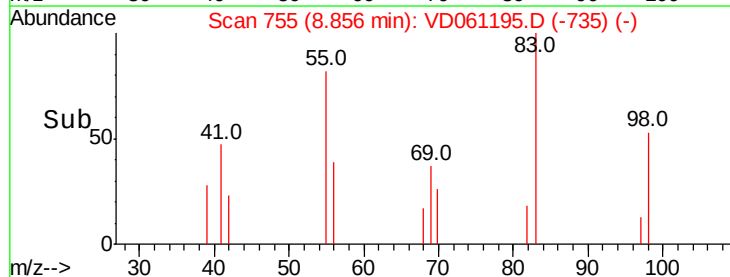
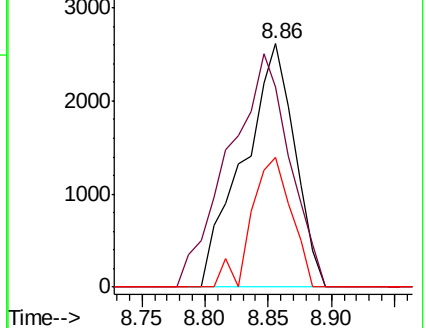
98 53.5 40.0 60.0

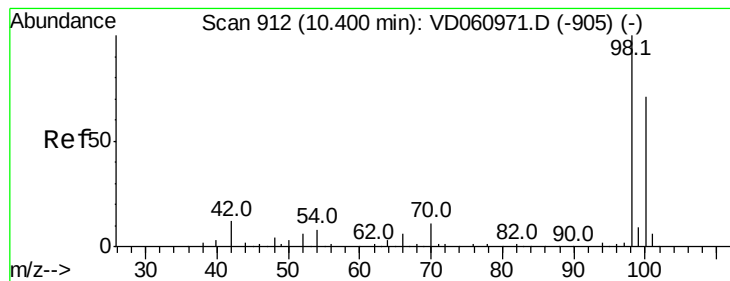


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

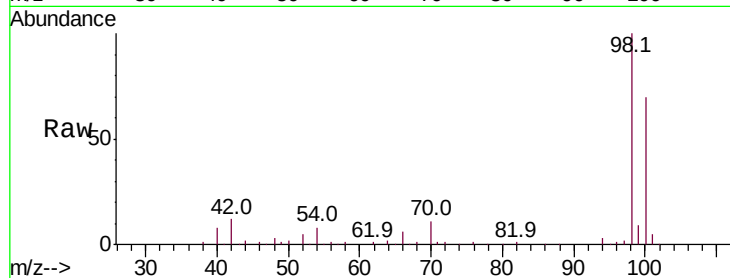
Instrument :
MSVOA_D
ClientSampleId :
SB-2(14-15)RE

Tot Ion: 98 Resp: 508898

Ion Ratio Lower Upper

98 100

100 69.6 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.39

250000

200000

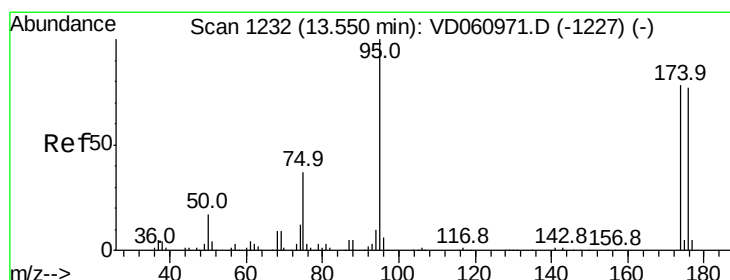
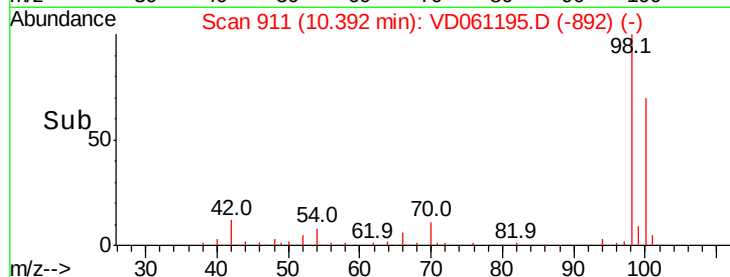
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061195.D

Acq: 19 Mar 2019 19:53

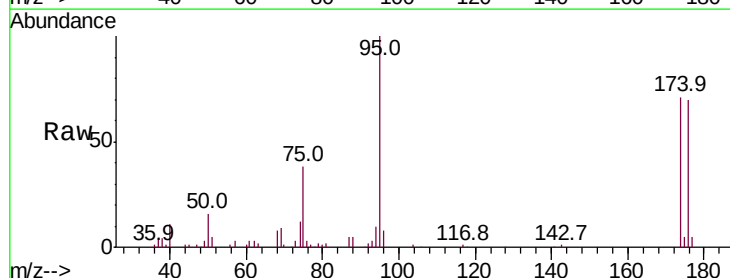
Tgt Ion: 95 Resp: 132949

Ion Ratio Lower Upper

95 100

174 70.8 0.0 155.6

176 70.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.54

120000

100000

80000

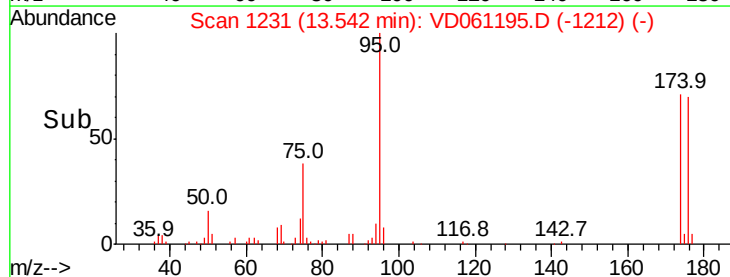
60000

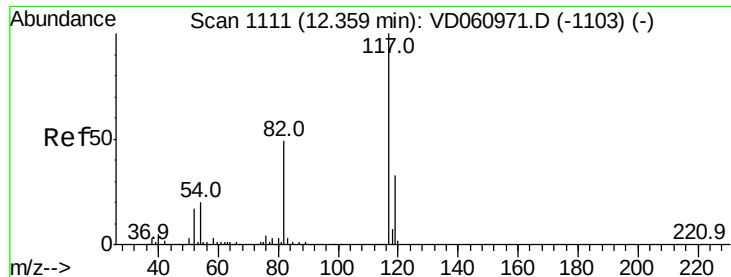
40000

20000

0

Time-->

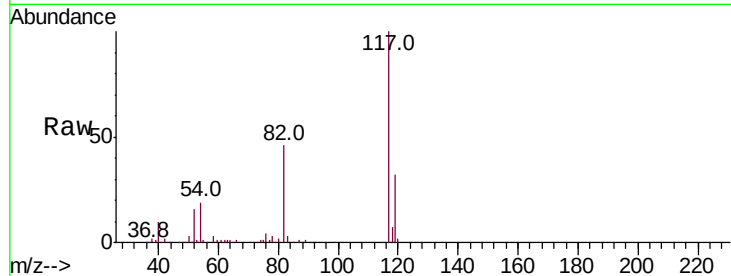




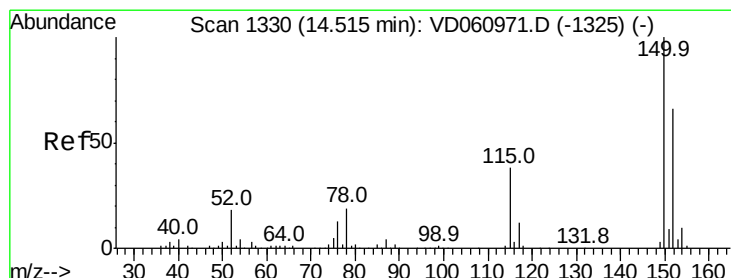
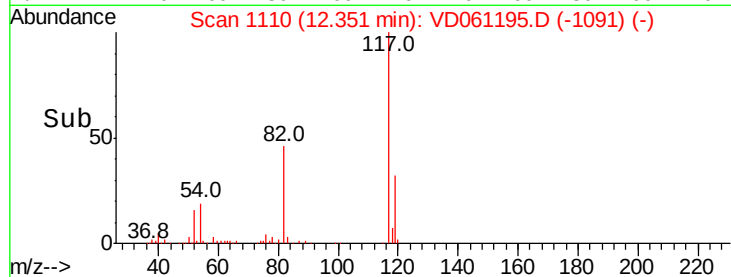
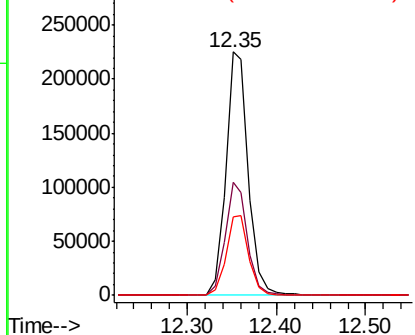
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061195.D
Acq: 19 Mar 2019 19:53

Instrument :
MSVOA_D
ClientSampleId :
SB-2(14-15)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.4	38.9	58.3
119	32.5	26.6	39.8

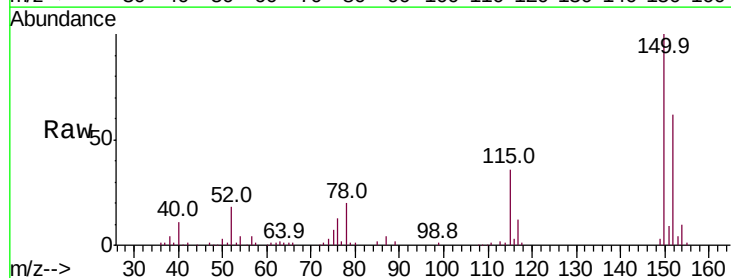


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061195.D
Acq: 19 Mar 2019 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.6	85.9
150	161.1	0.0	310.6



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

