

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062652.D
 Acq On : 10 Jun 2019 14:39
 Operator : VA/AP
 Sample : K3265-01RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-01-1.5-2.0RE

Quant Time: Jun 11 07:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	479798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	679852	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	433935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	118034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	267336	38.61	ug/l	0.00
Spiked Amount			Recovery	=	77.22%	
35) Dibromofluoromethane	6.92	113	252495	35.22	ug/l	0.00
Spiked Amount			Recovery	=	70.44%	
50) Toluene-d8	10.40	98	385254	25.54	ug/l	-0.01
Spiked Amount			Recovery	=	51.08%	
62) 4-Bromofluorobenzene	13.55	95	134610	19.13	ug/l	0.00
Spiked Amount			Recovery	=	38.26%	

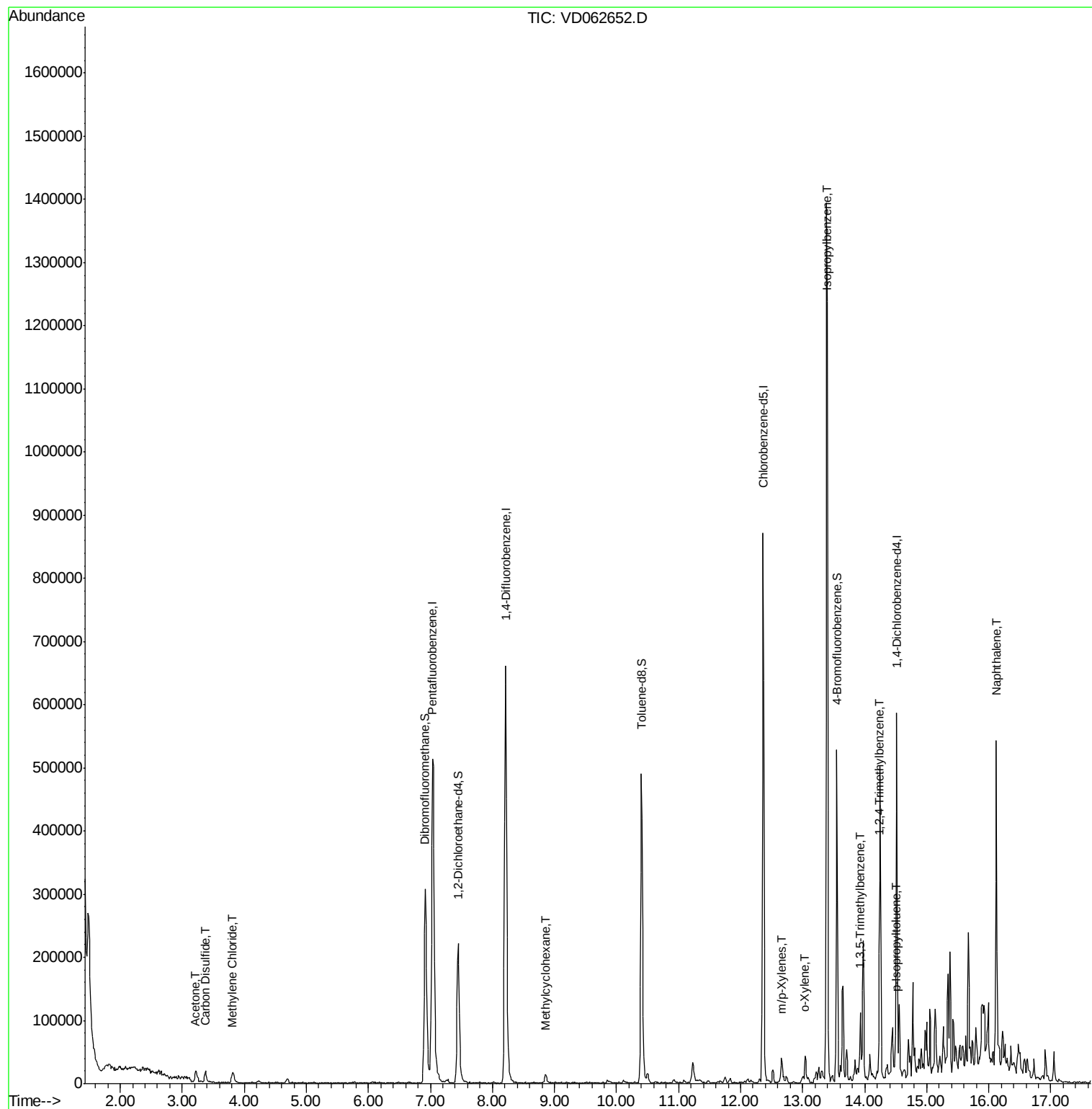
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	33793	26.655	ug/l	97
17) Carbon Disulfide	3.37	76	30145	2.412	ug/l #	95
20) Methylene Chloride	3.81	84	9098	1.471	ug/l #	94
39) Methylcyclohexane	8.85	83	6851	1.090	ug/l #	69
68) m/p-Xylenes	12.66	106	10853	1.814	ug/l	93
69) o-Xylene	13.04	106	8948	1.628	ug/l	70
73) Isopropylbenzene	13.39	105	60690	7.295	ug/l #	71
80) 1,3,5-Trimethylbenzene	13.93	105	39721	5.402	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	90458	12.425	ug/l	99
86) p-Isopropyltoluene	14.49	119	10451	1.262	ug/l	99
95) Naphthalene	16.12	128	281682	64.682	ug/l	100

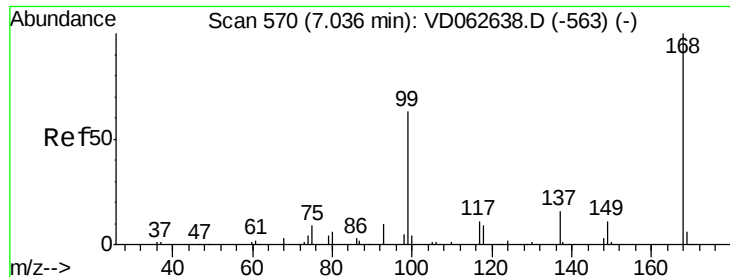
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061019\
Data File : VD062652.D
Acq On : 10 Jun 2019 14:39
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B-01-1.5-2.0RE

Quant Time: Jun 11 07:53:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

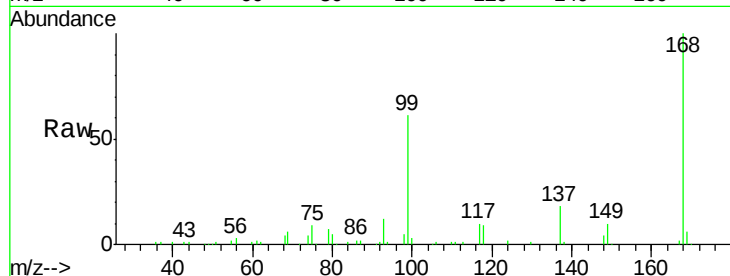
B-01-1.5-2.0RE

Tot Ion:168 Resp: 479798

Ion Ratio Lower Upper

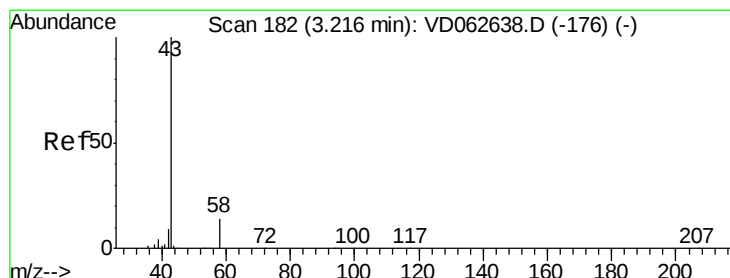
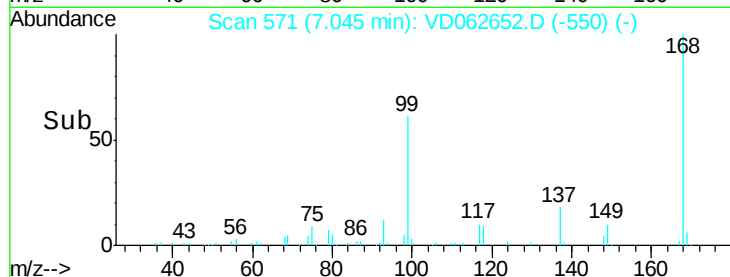
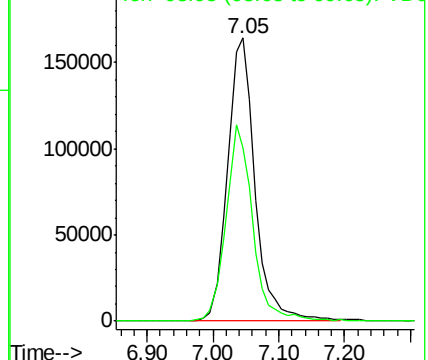
168 100

99 61.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 26.655 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD062652.D

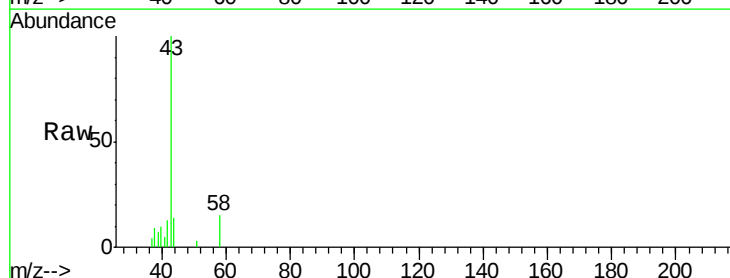
Acq: 10 Jun 2019 14:39

Tgt Ion: 43 Resp: 33793

Ion Ratio Lower Upper

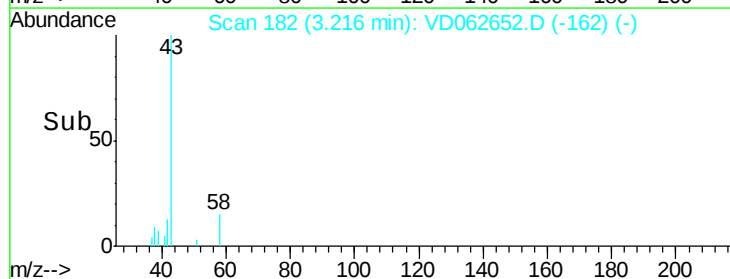
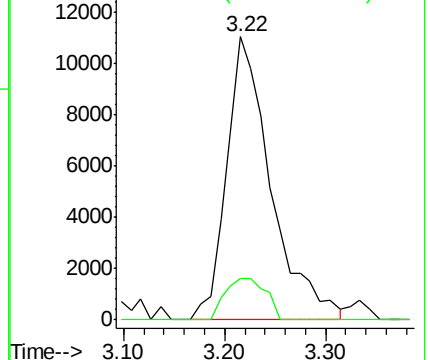
43 100

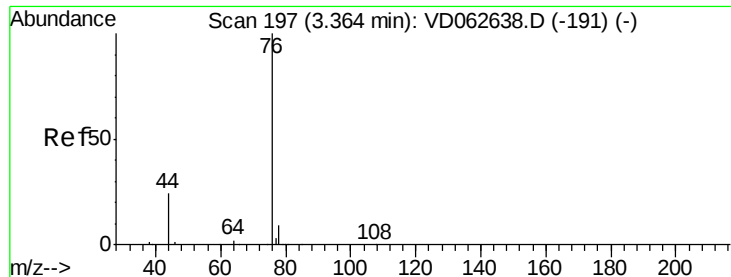
58 14.6 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.412 ug/l

RT: 3.37 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

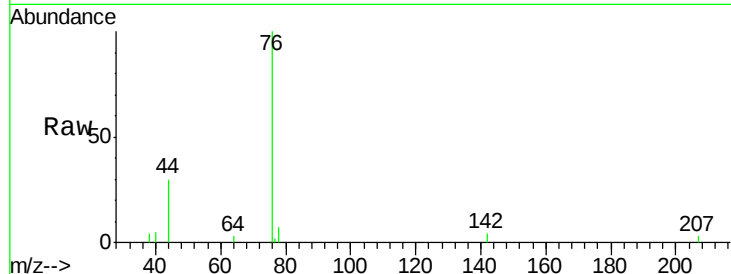
B-01-1.5-2.0RE

Tot Ion: 76 Resp: 30145

Ion Ratio Lower Upper

76 100

78 6.9 7.0 10.4#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

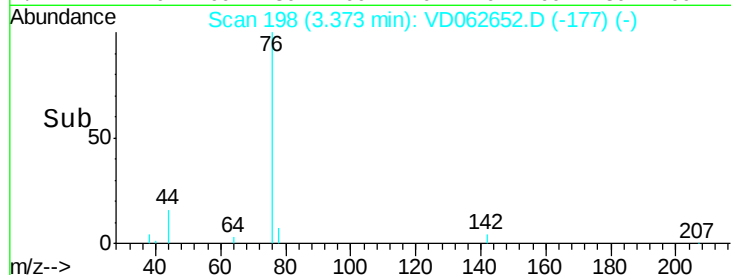
15000

10000

5000

0

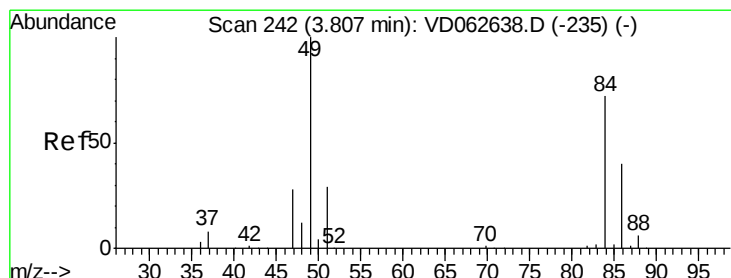
Time-->



3.37

3.40

3.50



#20

Methylene Chloride

Concen: 1.471 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Tgt Ion: 84 Resp: 9098

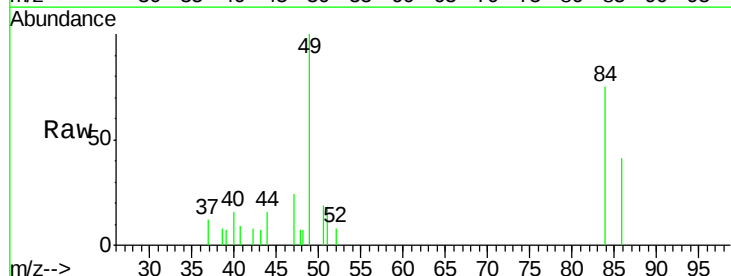
Ion Ratio Lower Upper

84 100

49 133.0 111.2 166.8

51 48.9 31.9 47.9#

86 54.0 44.7 67.1



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

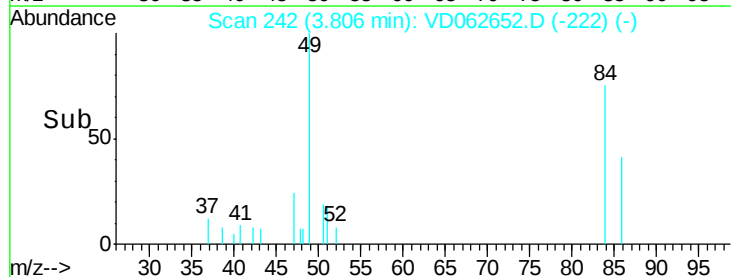
6000

4000

2000

0

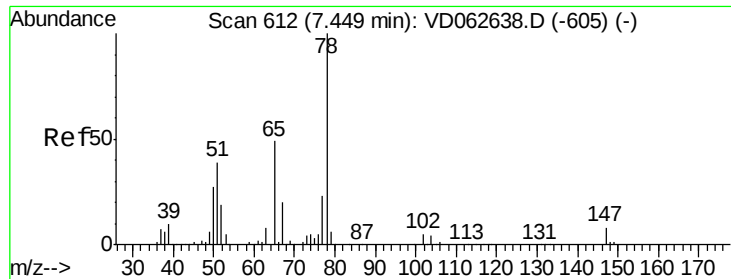
Time-->



3.81

3.85

3.90



#33

1,2-Dichloroethane-d4

Concen: 38.613 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

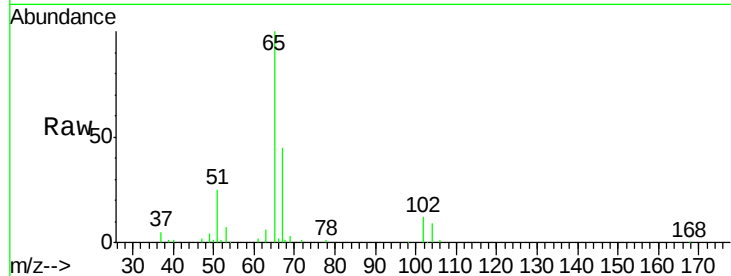
B-01-1.5-2.0RE

Tot Ion: 65 Resp: 267336

Ion Ratio Lower Upper

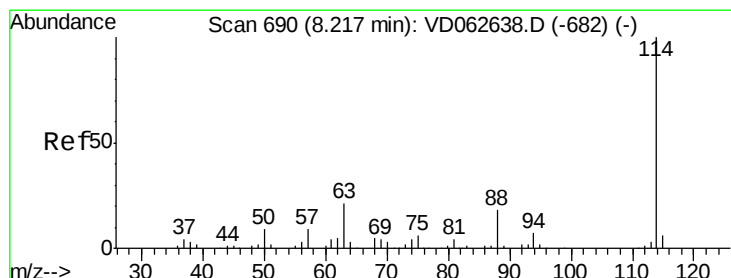
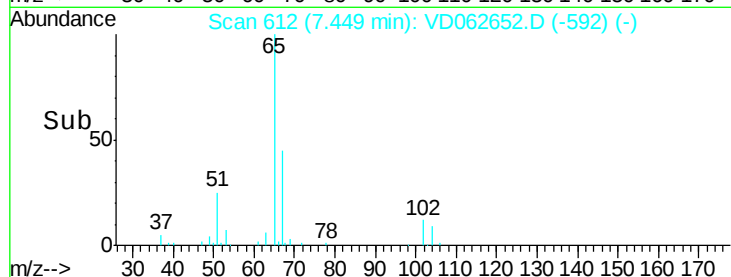
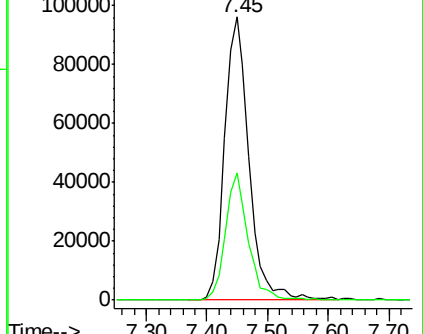
65 100

67 44.9 0.0 81.8



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. -0.00 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

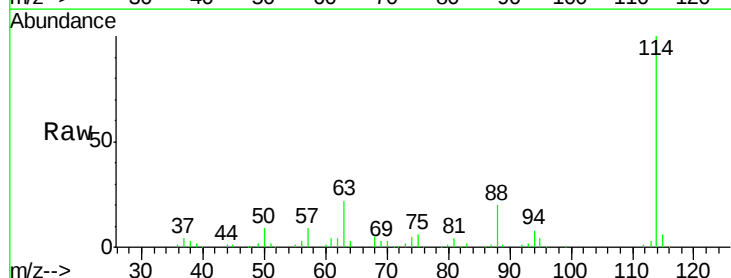
Tgt Ion: 114 Resp: 679852

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

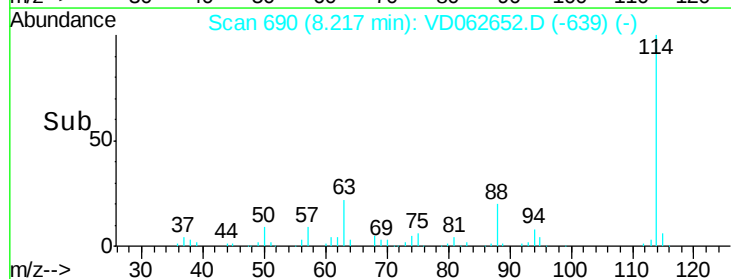
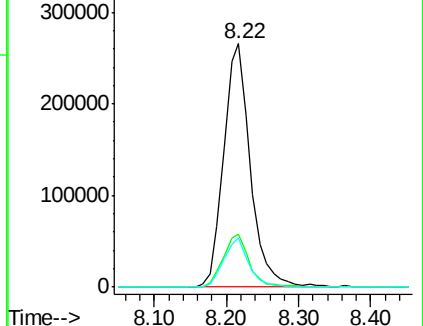
88 20.2 0.0 36.8

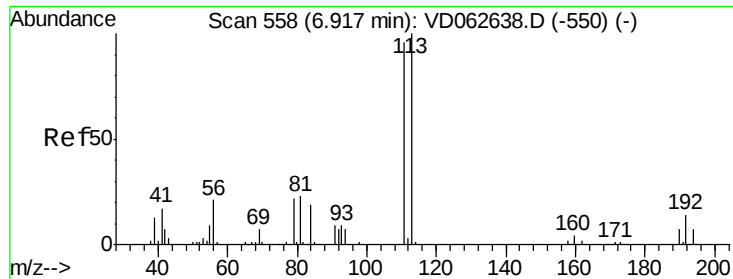


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

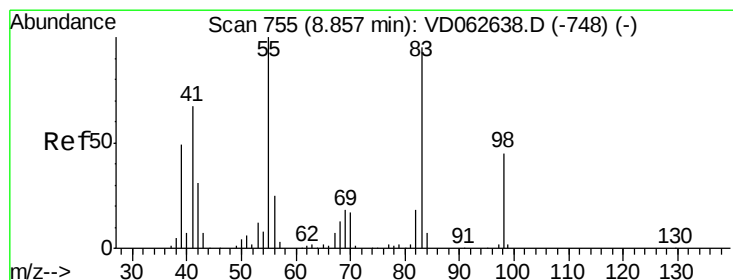
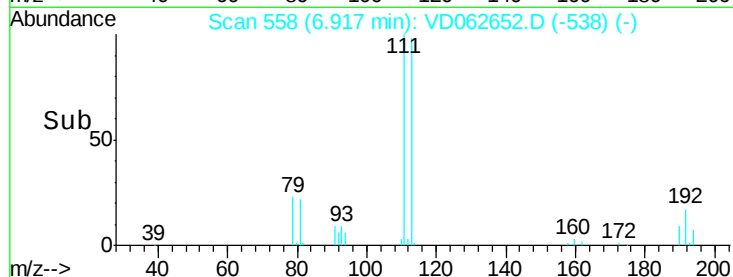
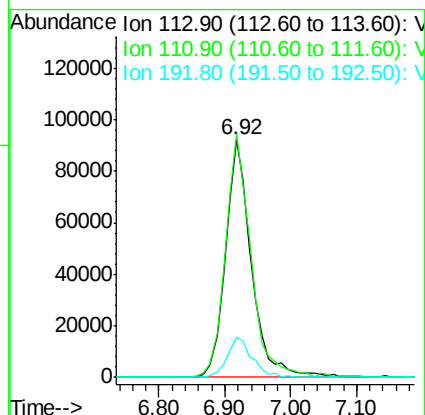
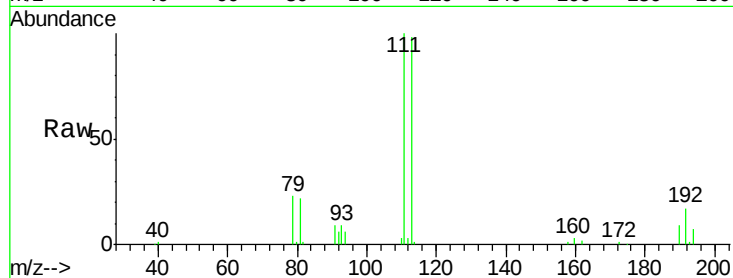




#35
 Dibromofluoromethane
 Concen: 35.216 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD062652.D
 Acq: 10 Jun 2019 14:39

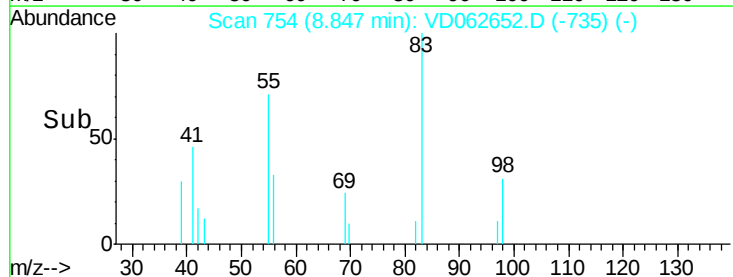
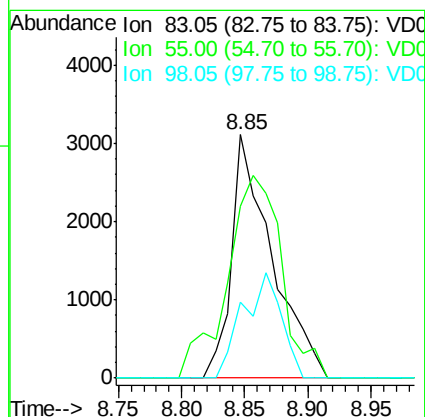
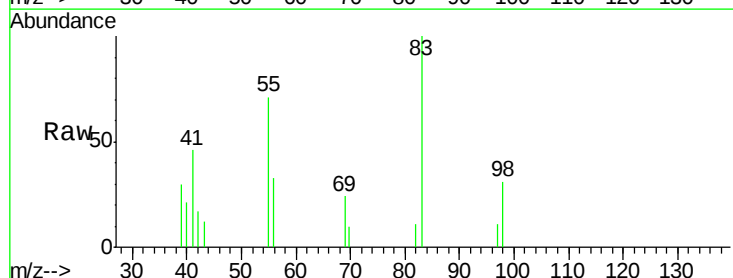
Instrument :
 MSVOA_D
 ClientSampleId :
 B-01-1.5-2.0RE

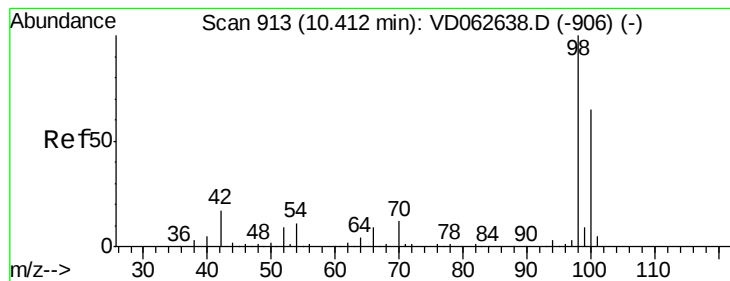
Tot Ion:113 Resp: 252495
 Ion Ratio Lower Upper
 113 100
 111 102.4 76.4 114.6
 192 16.9 11.4 17.0



#39
 Methylcyclohexane
 Concen: 1.090 ug/l
 RT: 8.85 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VD062652.D
 Acq: 10 Jun 2019 14:39

Tgt Ion: 83 Resp: 6851
 Ion Ratio Lower Upper
 83 100
 55 70.6 84.6 127.0#
 98 31.2 38.2 57.4#





#50

Toluene-d8

Concen: 25.542 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

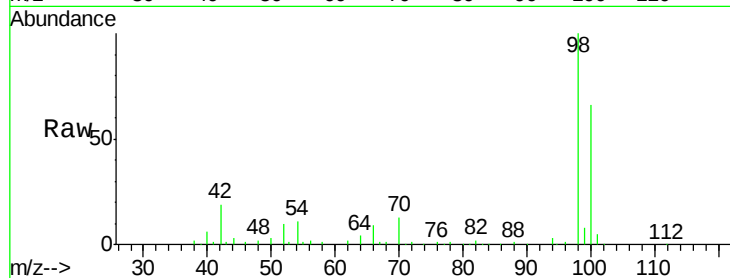
B-01-1.5-2.0RE

Tot Ion: 98 Resp: 385254

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

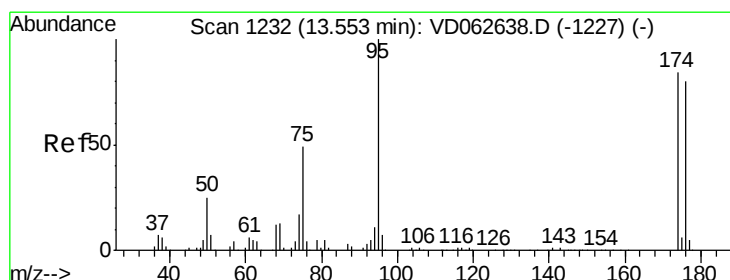
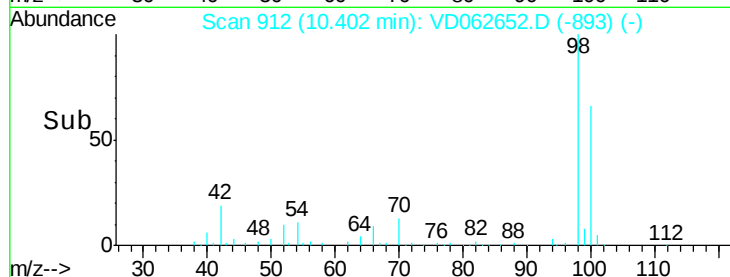
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 19.130 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

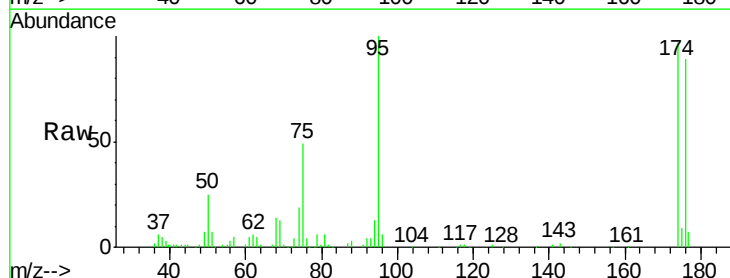
Tgt Ion: 95 Resp: 134610

Ion Ratio Lower Upper

95 100

174 96.7 0.0 167.0

176 88.7 0.0 159.2



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

120000

100000

80000

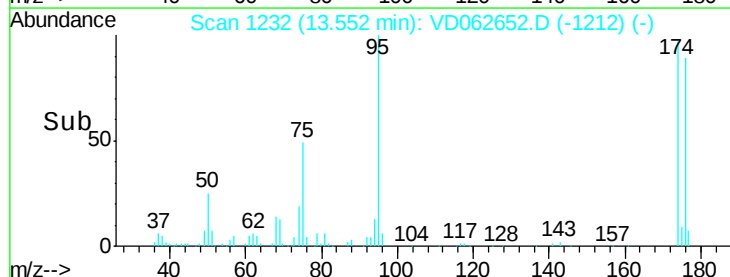
60000

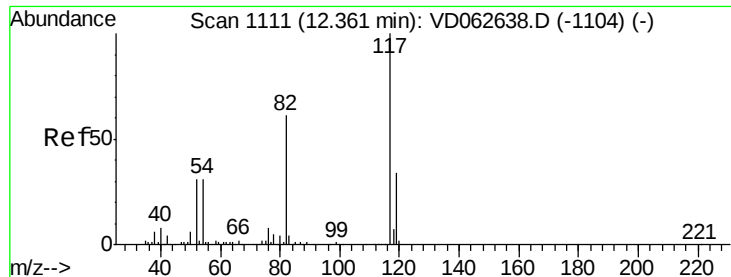
40000

20000

0

Time-->

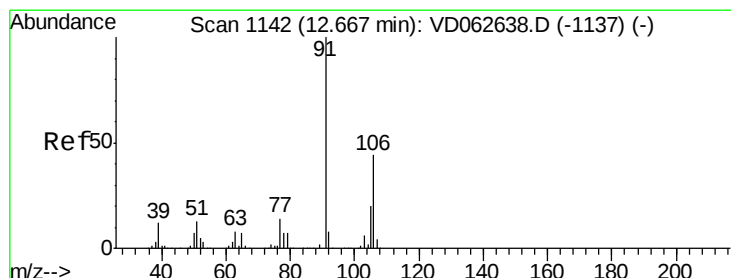
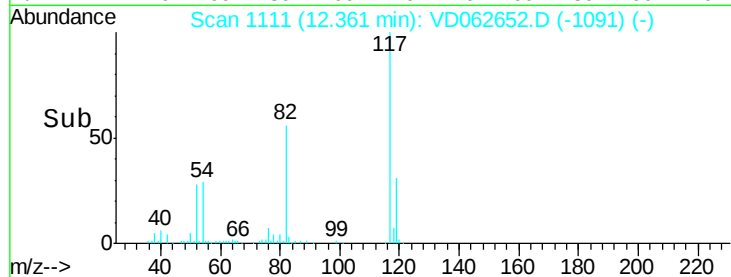
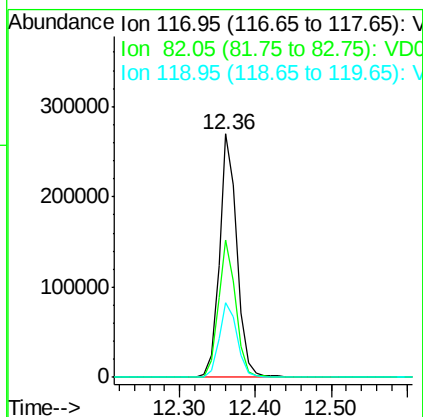
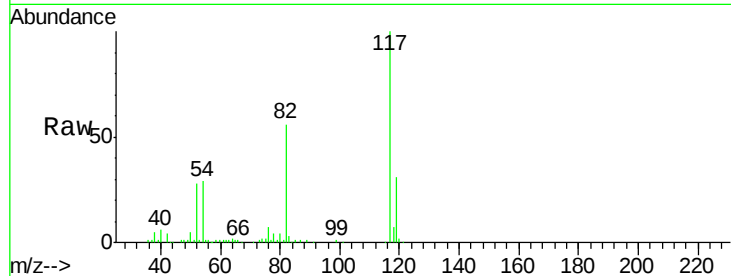




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062652.D
Acq: 10 Jun 2019 14:39

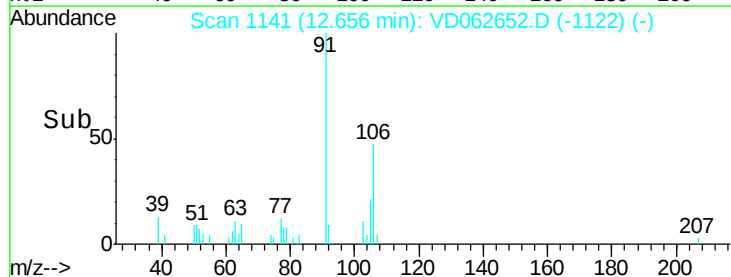
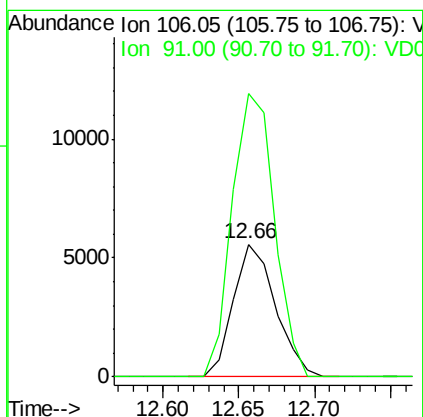
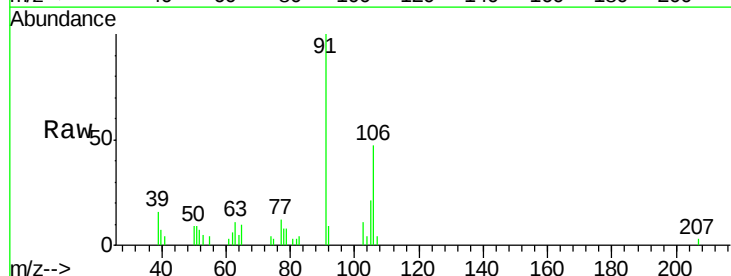
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B-01-1.5-2.0RE

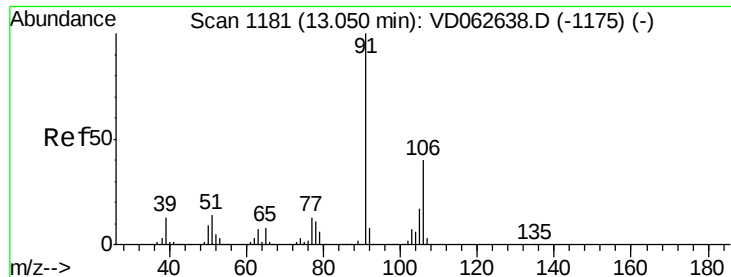
Tot Ion:117 Resp: 433935
Ion Ratio Lower Upper
117 100
82 56.2 48.7 73.1
119 30.7 27.0 40.6



#68
m/p-Xylenes
Concen: 1.814 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VD062652.D
Acq: 10 Jun 2019 14:39

Tgt Ion:106 Resp: 10853
Ion Ratio Lower Upper
106 100
91 213.3 180.2 270.4

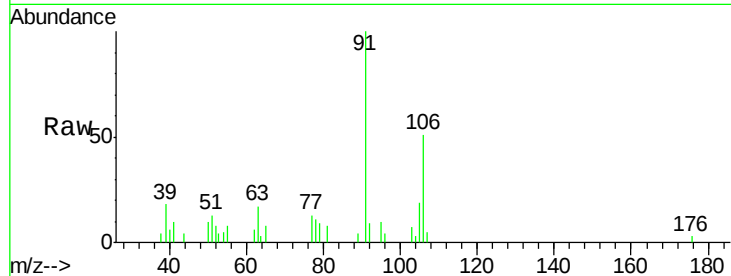




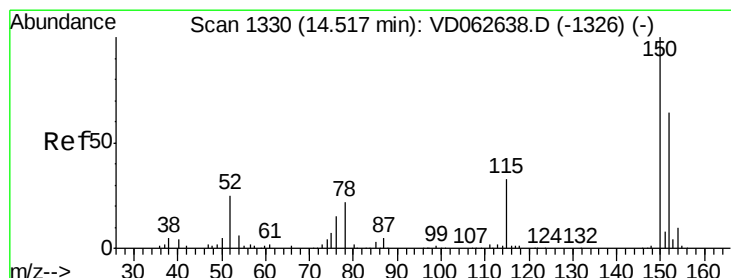
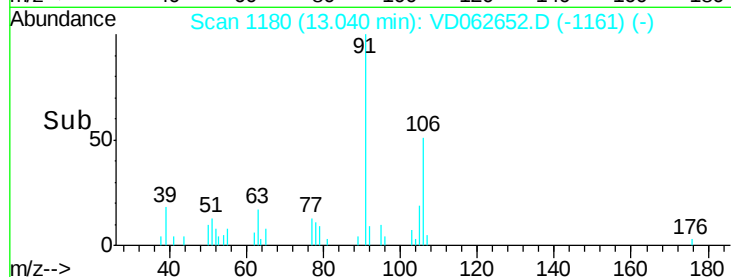
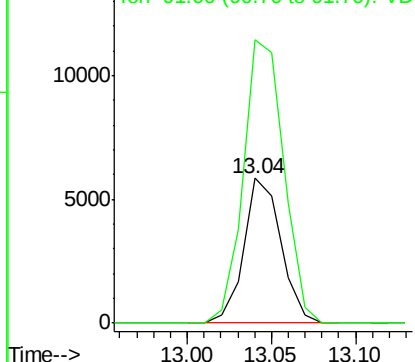
#69
o-Xylene
Concen: 1.628 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD062652.D
Acq: 10 Jun 2019 14:39

Instrument :
MSVOA_D
ClientSampleId :
B-01-1.5-2.0RE

Tot Ion:106 Resp: 8948
Ion Ratio Lower Upper
106 100
91 195.3 124.1 372.1

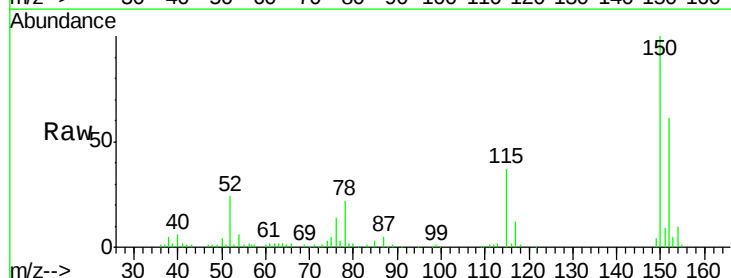


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

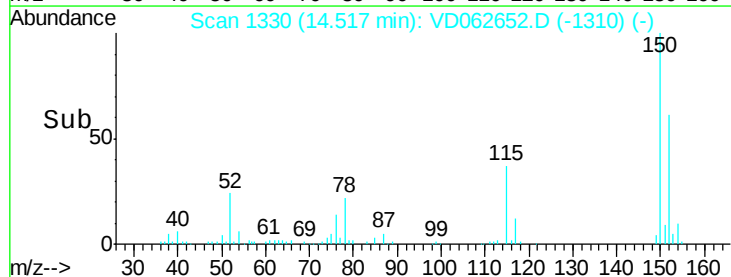
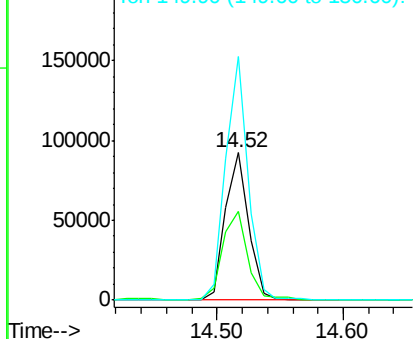


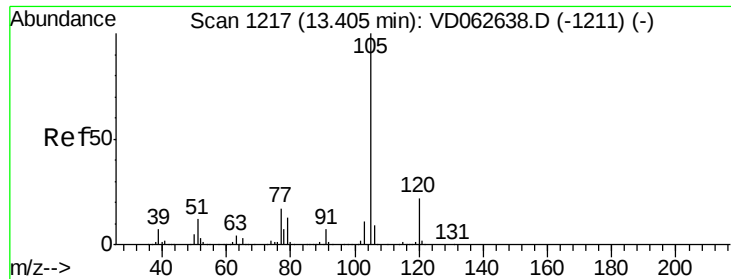
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062652.D
Acq: 10 Jun 2019 14:39

Tgt Ion:152 Resp: 118034
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 165.0 0.0 314.0



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





#73

Isopropylbenzene

Concen: 7.295 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

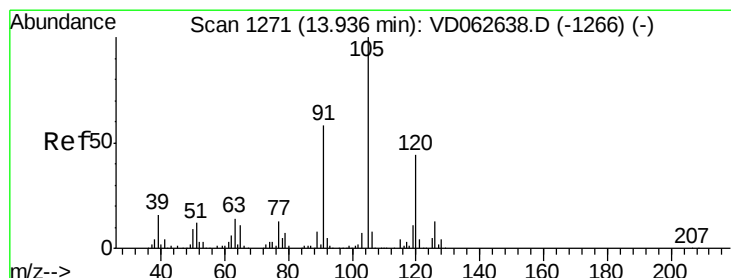
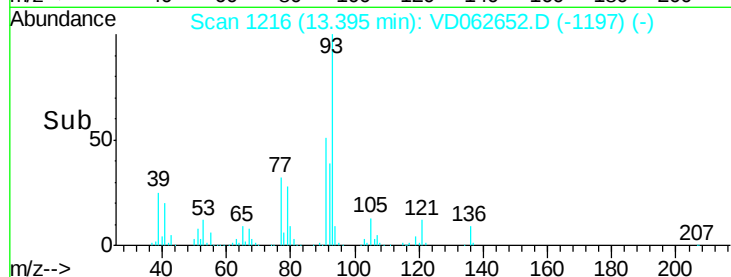
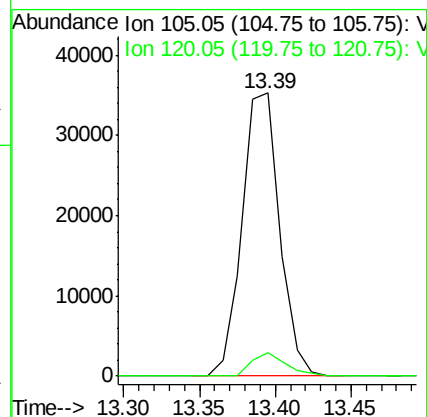
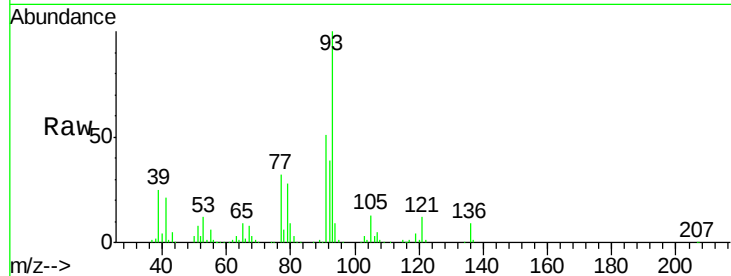
B-01-1.5-2.0RE

Tot Ion:105 Resp: 60690

Ion Ratio Lower Upper

105 100

120 8.2 10.9 32.7#



#80

1,3,5-Trimethylbenzene

Concen: 5.402 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD062652.D

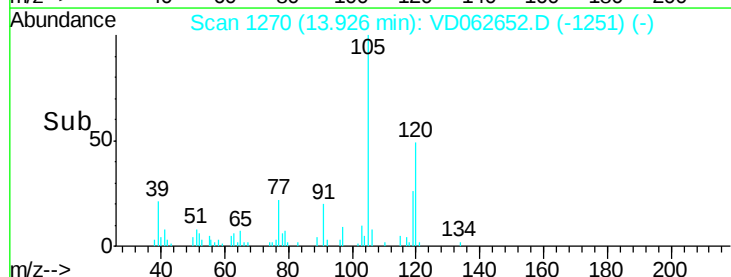
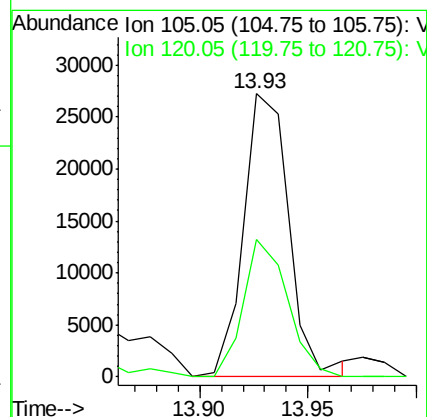
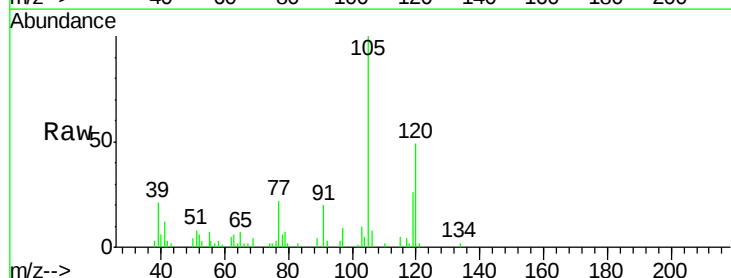
Acq: 10 Jun 2019 14:39

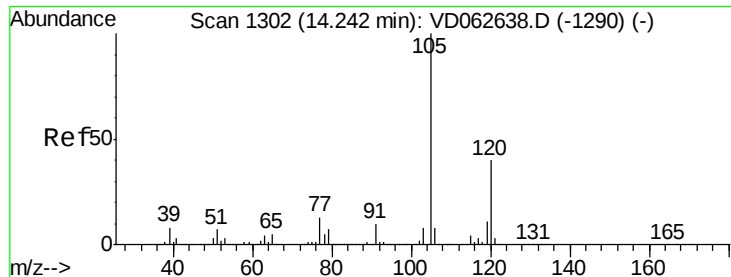
Tgt Ion:105 Resp: 39721

Ion Ratio Lower Upper

105 100

120 48.6 22.1 66.5





#84

1,2,4-Trimethylbenzene

Concen: 12.425 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

Instrument :

MSVOA_D

ClientSampleId :

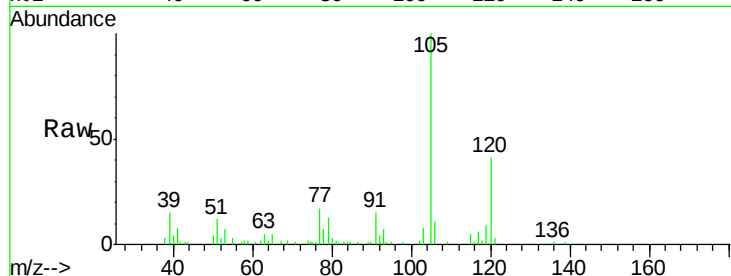
B-01-1.5-2.0RE

Tot Ion:105 Resp: 90458

Ion Ratio Lower Upper

105 100

120 41.4 20.3 60.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.23

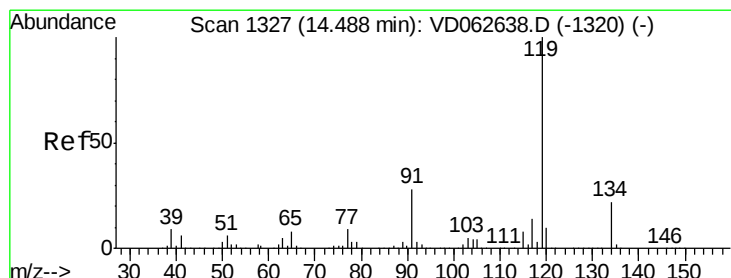
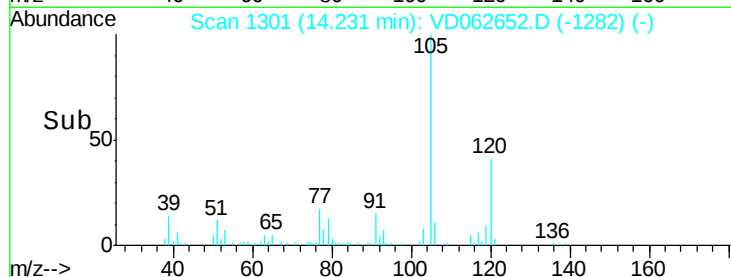
60000

40000

20000

0

Time--> 14.15 14.20 14.25 14.30



#86

p-Isopropyltoluene

Concen: 1.262 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD062652.D

Acq: 10 Jun 2019 14:39

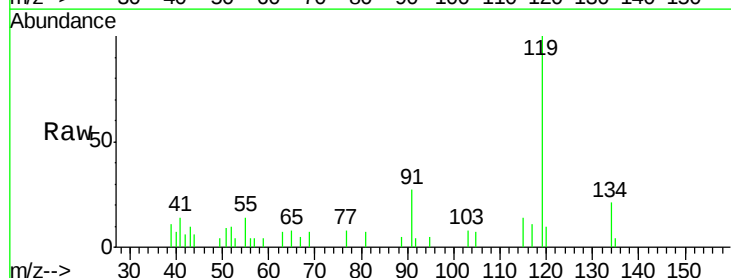
Tgt Ion:119 Resp: 10451

Ion Ratio Lower Upper

119 100

134 21.3 10.9 32.6

91 27.1 13.9 41.6



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.49

12000

10000

8000

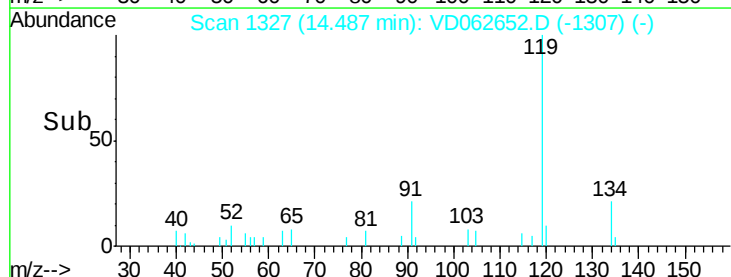
6000

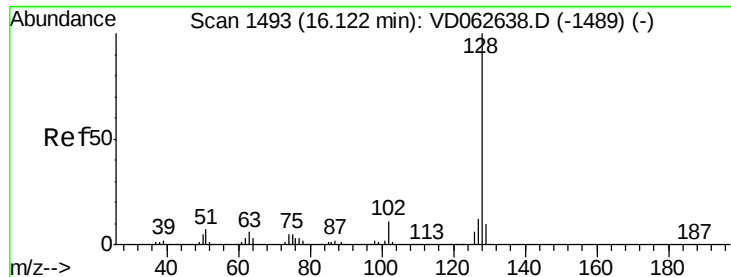
4000

2000

0

Time--> 14.45 14.50

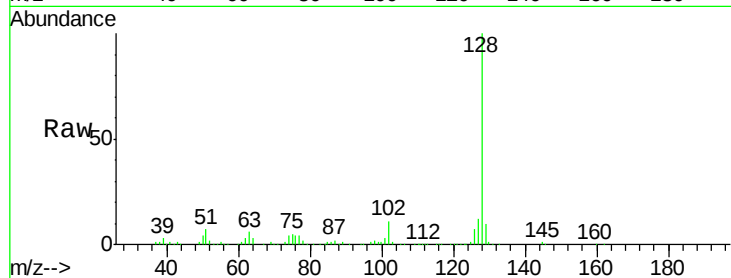




#95
Naphthalene
Concen: 64.682 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062652.D
Acq: 10 Jun 2019 14:39

Instrument :
MSVOA_D
ClientSampleId :
B-01-1.5-2.0RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.1	8.1	12.1



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

