

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060598.D
 Acq On : 17 Dec 2018 14:37
 Operator : VA/AP
 Sample : J6397-03
 Misc : 5.83g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB11 0-2

Quant Time: Dec 18 11:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	15219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	24952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	22231	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	10927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	10016	92.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.70%	
35) Dibromofluoromethane	6.34	113	9491	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	9.48	98	22508	42.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	12.44	95	8728	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	

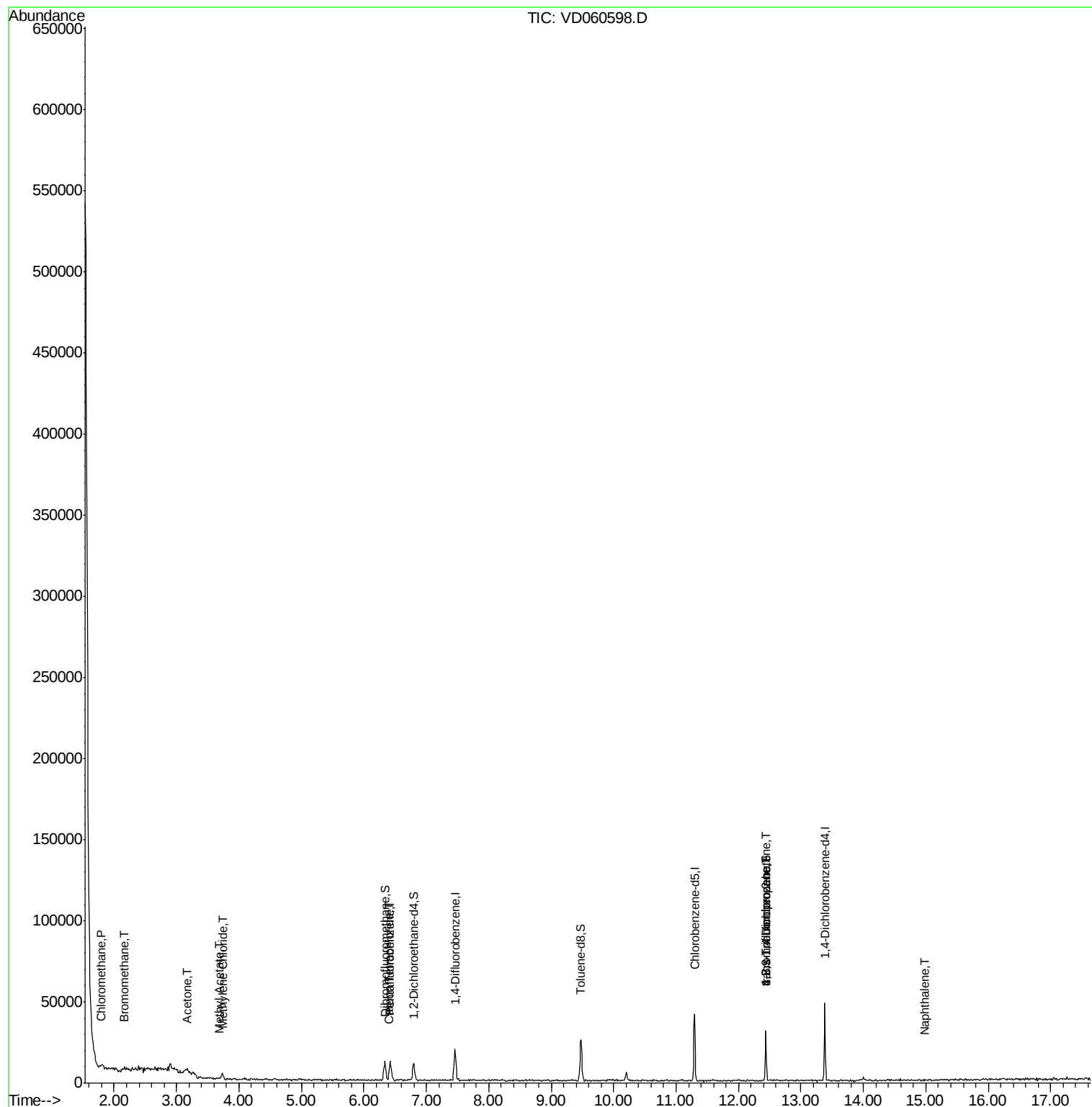
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	416	2.660	ug/l #	43
5) Bromomethane	2.16	94	267	8.552	ug/l #	4
16) Acetone	3.16	43	4384	253.543	ug/l #	54
18) Methyl Acetate	3.68	43	233	5.670	ug/l #	64
20) Methylene Chloride	3.75	84	2340	11.275	ug/l #	38
38) Carbon Tetrachloride	6.40	117	566	2.585	ug/l #	12
76) 1,2,3-Trichloropropane	12.44	75	3715	30.006	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.44	75	3714	107.555	ug/l #	14
95) Naphthalene	14.98	128	327	1.169	ug/l #	70

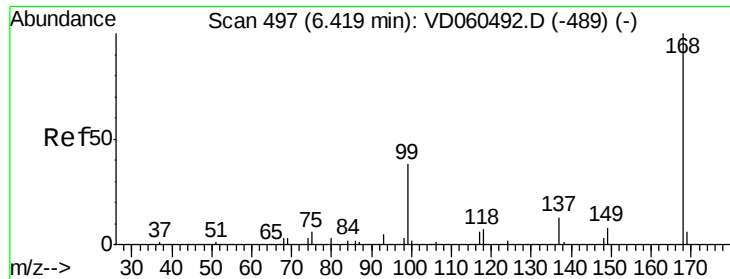
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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ClientSampleId :
EB11_0-2

Quant Time: Dec 18 11:16:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampleId :

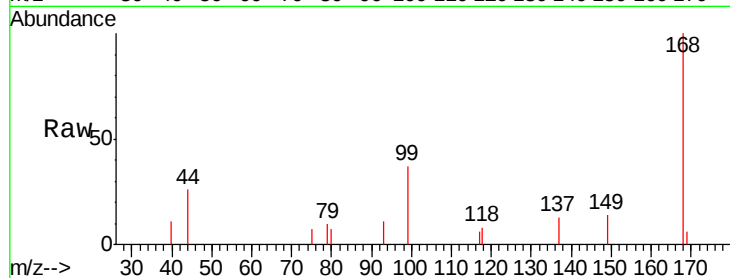
EB11 0-2

Tgt Ion:168 Resp: 15219

Ion Ratio Lower Upper

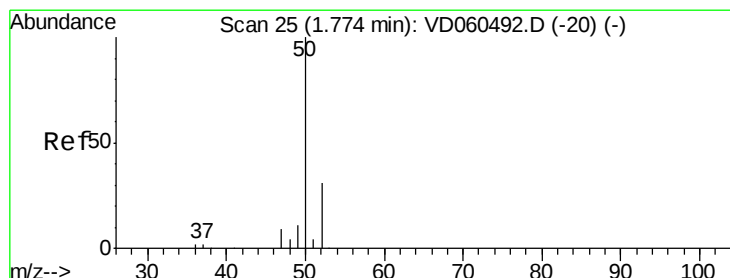
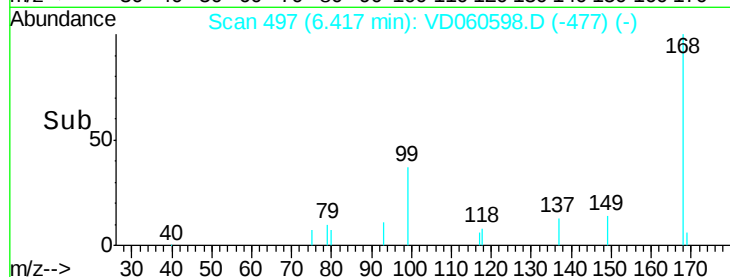
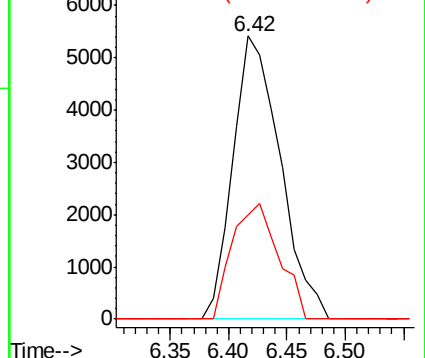
168 100

99 36.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.660 ug/l

RT: 1.78 min Scan# 26

Delta R.T. 0.01 min

Lab File: VD060598.D

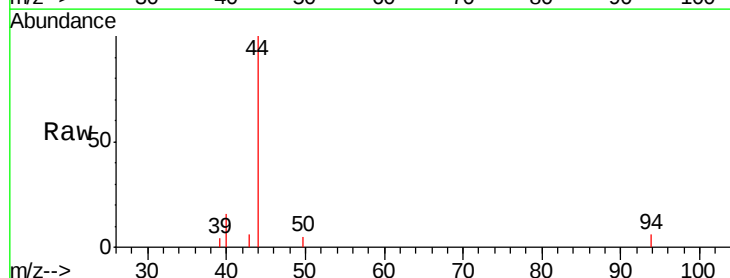
Acq: 17 Dec 2018 14:37

Tgt Ion: 50 Resp: 416

Ion Ratio Lower Upper

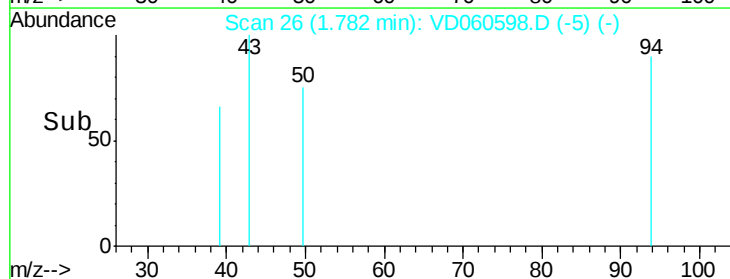
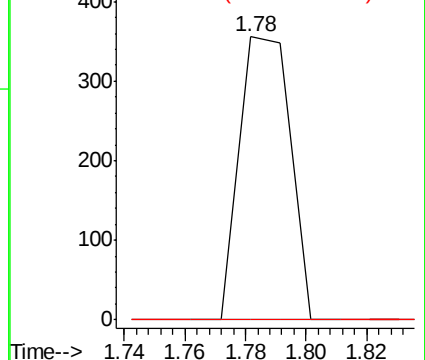
50 100

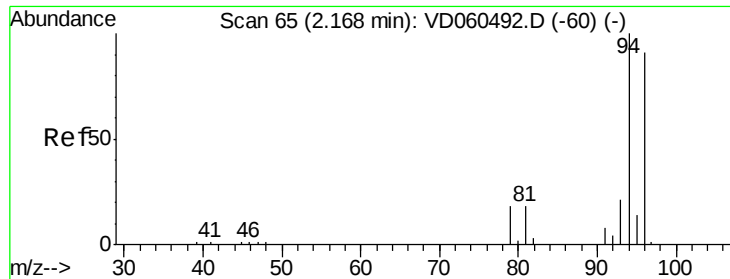
52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

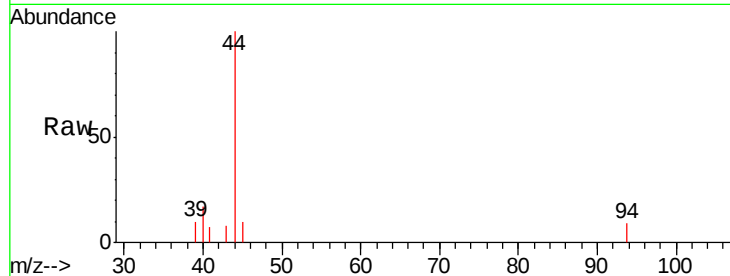




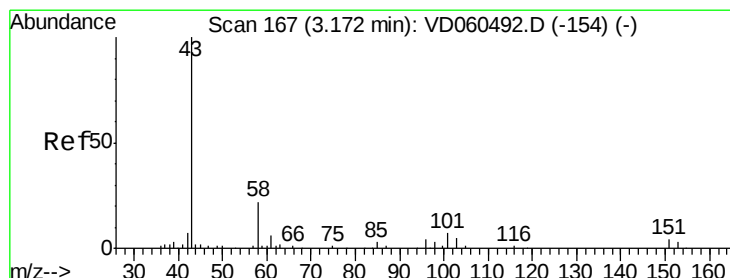
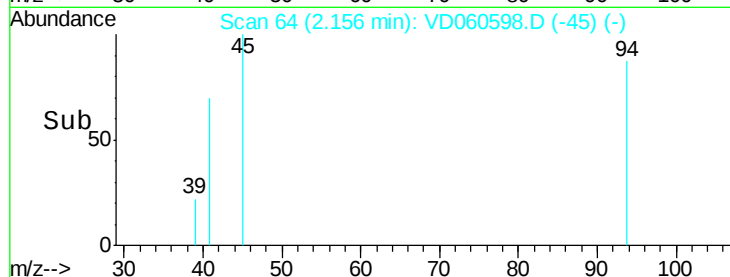
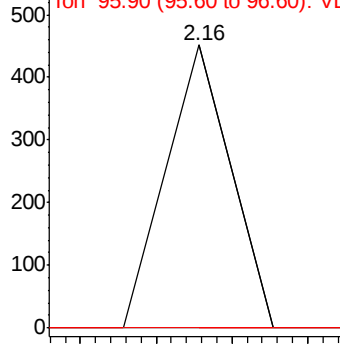
#5
Bromomethane
Concen: 8.552 ug/l
RT: 2.16 min Scan# 64
Delta R.T. -0.01 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Instrument :
MSVOA_D
ClientSampleId :
EB11 0-2

Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 0.0 72.6 108.8#

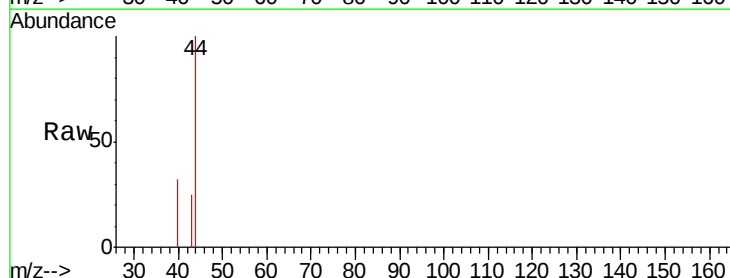


Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC

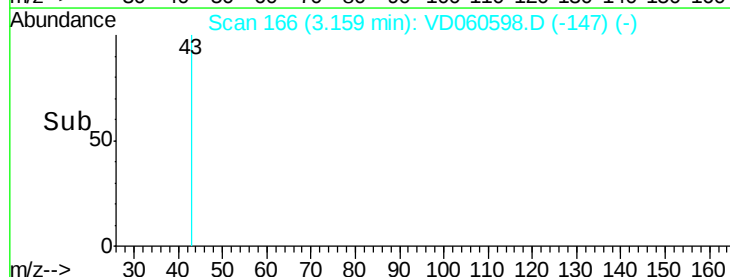
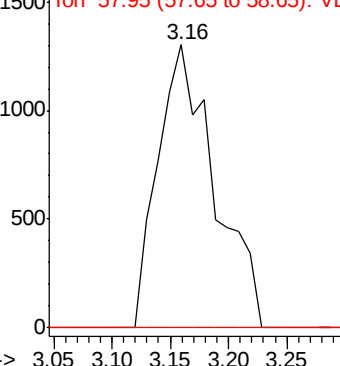


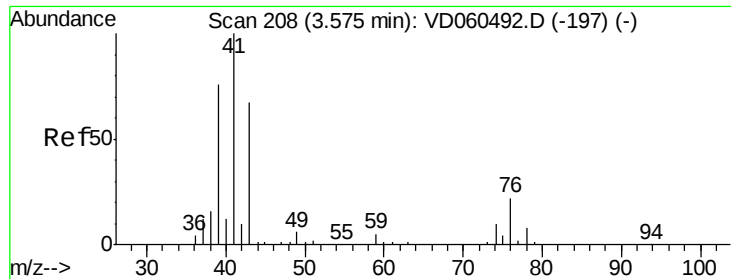
#16
Acetone
Concen: 253.543 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Tgt Ion: 43 Resp: 4384
Ion Ratio Lower Upper
43 100
58 0.0 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

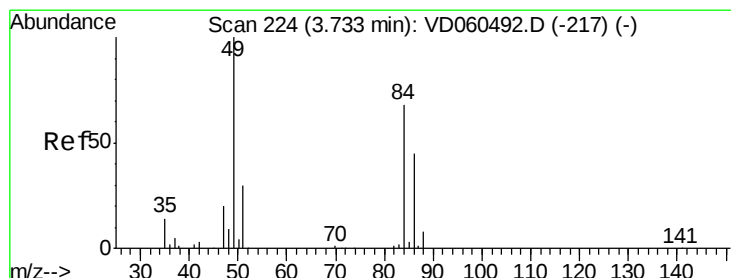
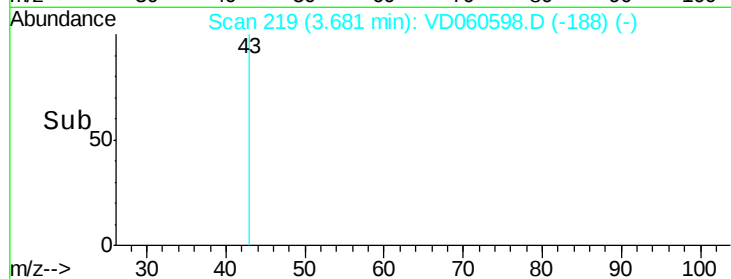
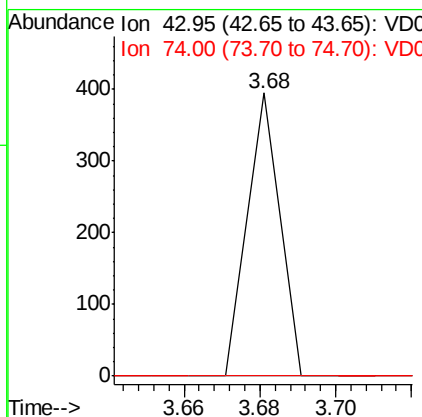
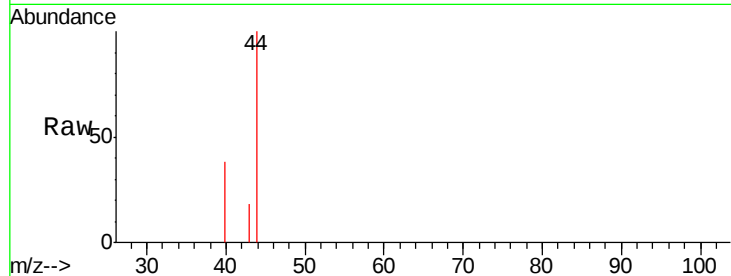




#18
Methyl Acetate
Concen: 5.670 ug/l
RT: 3.68 min Scan# 219
Delta R.T. 0.11 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

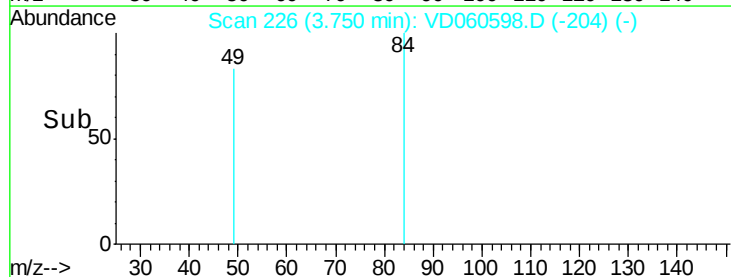
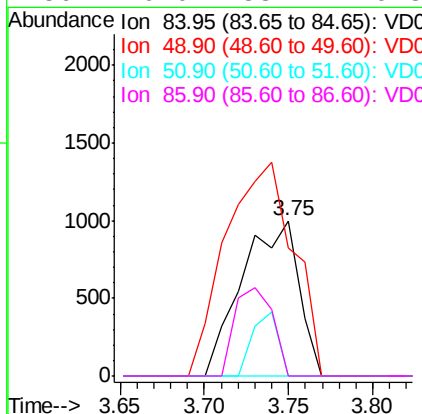
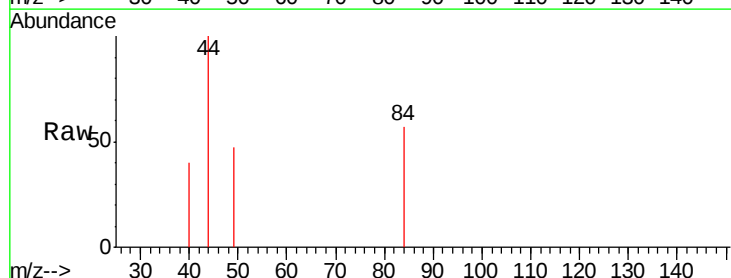
Instrument :
MSVOA_D
ClientSampleId :
EB11 0-2

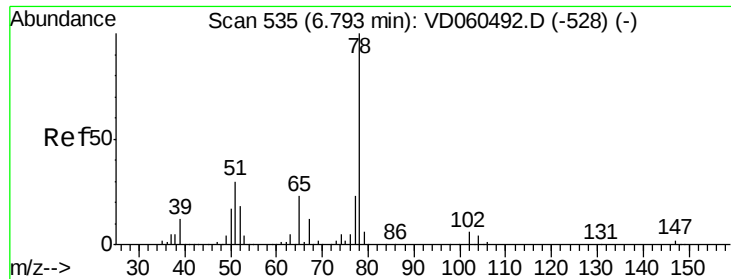
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#



#20
Methylene Chloride
Concen: 11.275 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Tgt Ion: 84 Resp: 2340
Ion Ratio Lower Upper
84 100
49 83.0 117.2 175.8#
51 0.0 35.3 52.9#
86 0.0 53.2 79.8#

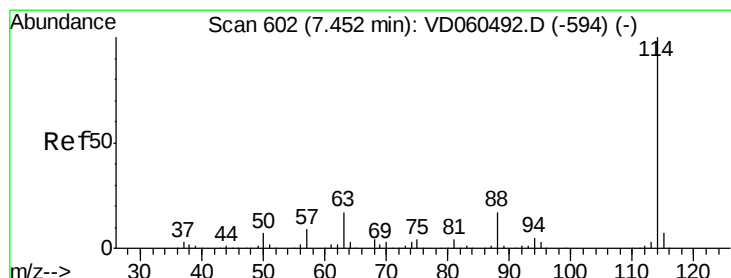
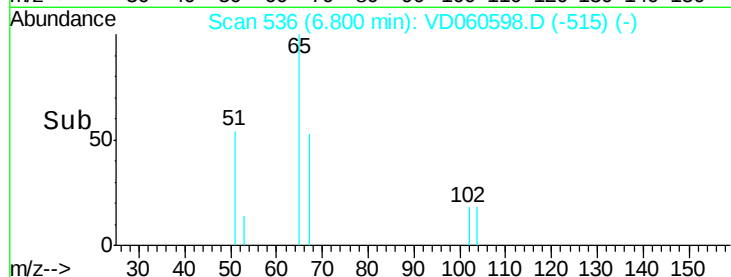
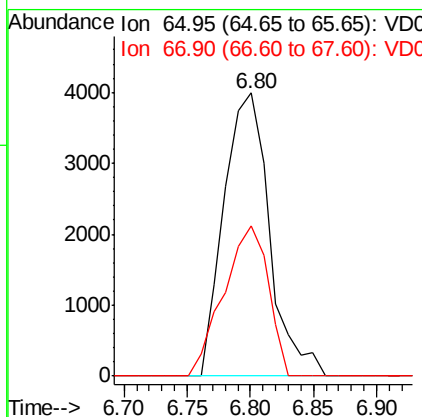
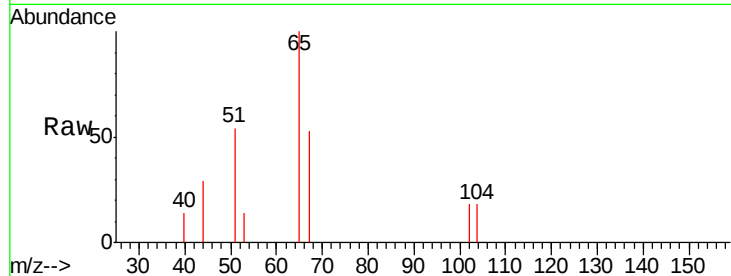




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.80 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VD060598.D
 Acq: 17 Dec 2018 14:37

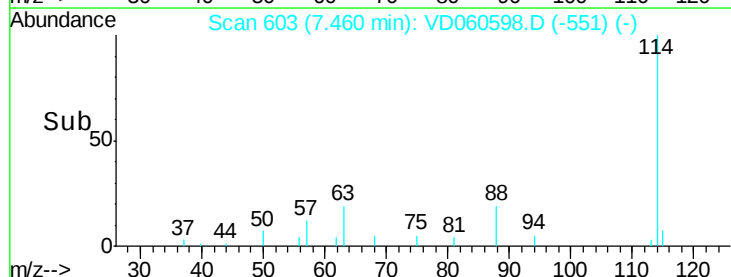
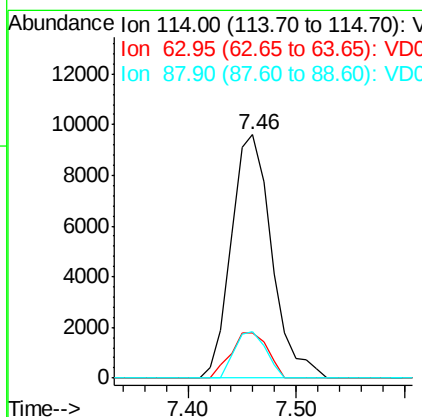
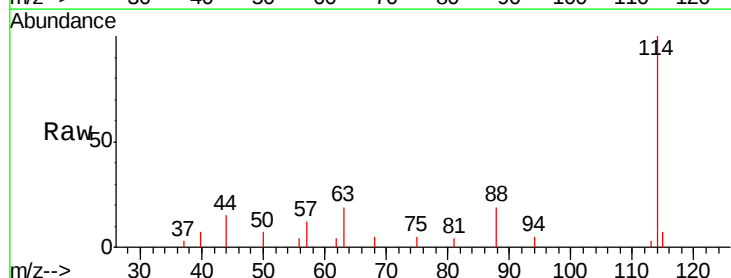
Instrument :
 MSVOA_D
 ClientSampleId :
 EB11_0-2

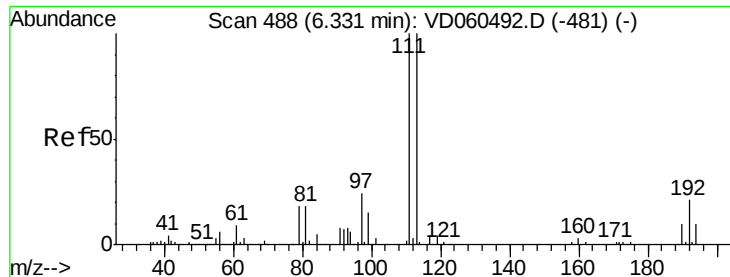
Tgt Ion: 65 Resp: 10016
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: VD060598.D
 Acq: 17 Dec 2018 14:37

Tgt Ion: 114 Resp: 24952
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.2
 88 19.0 0.0 35.0

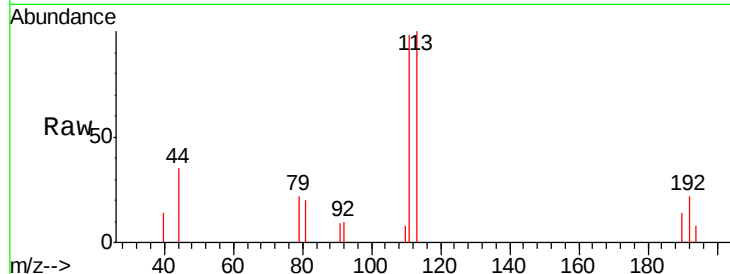




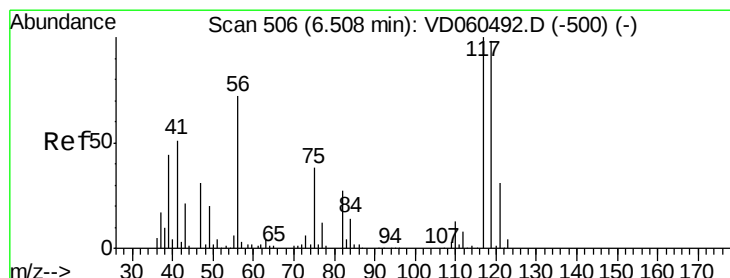
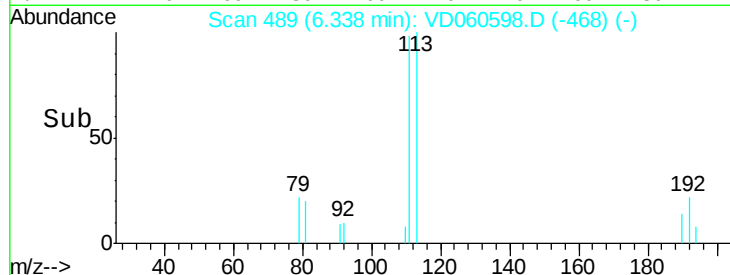
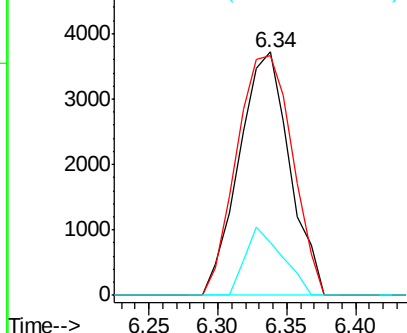
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. 0.01 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Instrument :
MSVOA_D
ClientSampleId :
EB11_0-2

Tgt Ion:113 Resp: 9491
Ion Ratio Lower Upper
113 100
111 98.3 80.2 120.4
192 22.0 16.6 24.8

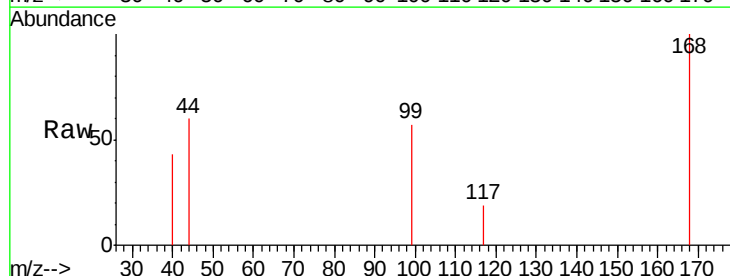


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

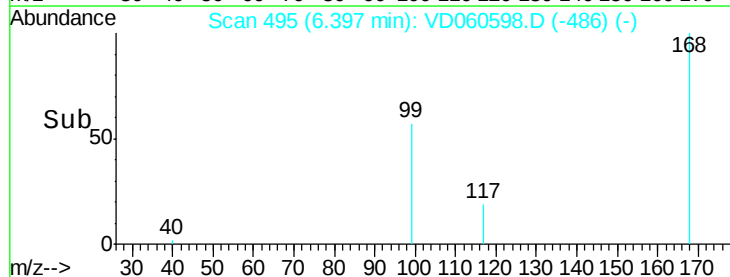
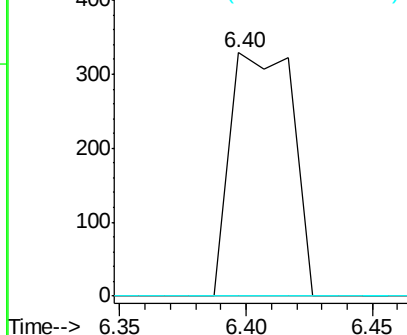


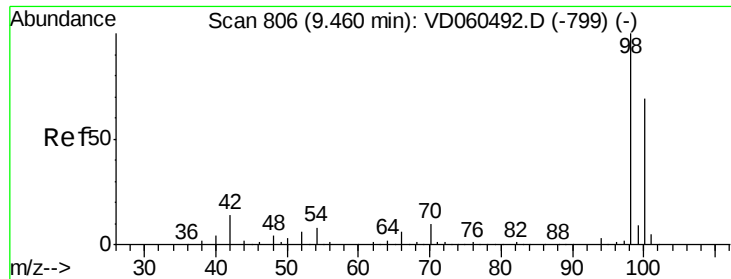
#38
Carbon Tetrachloride
Concen: 2.585 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.11 min
Lab File: VD060598.D
Acq: 17 Dec 2018 14:37

Tgt Ion:117 Resp: 566
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 24.4 36.6#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.48 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampled :

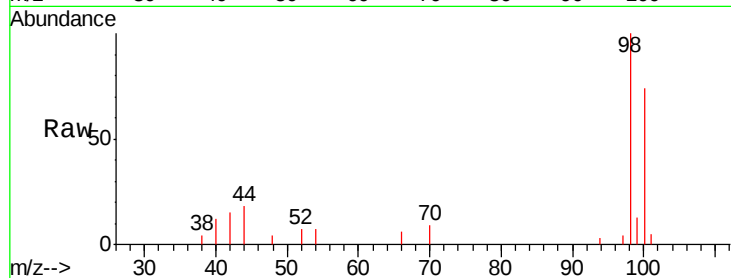
EB11 0-2

Tgt Ion: 98 Resp: 22508

Ion Ratio Lower Upper

98 100

100 73.7 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

9.48

10000

8000

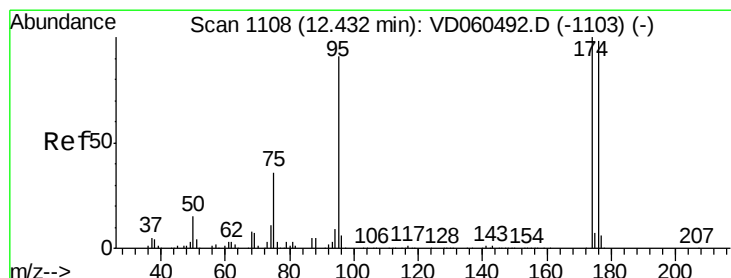
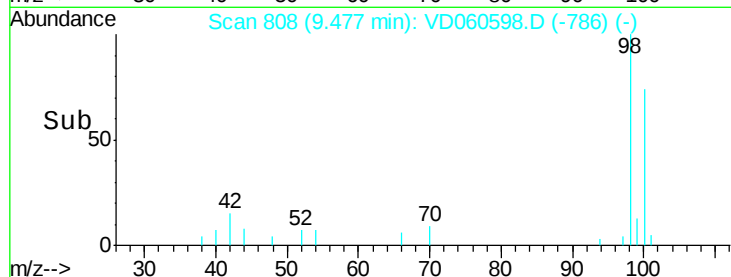
6000

4000

2000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

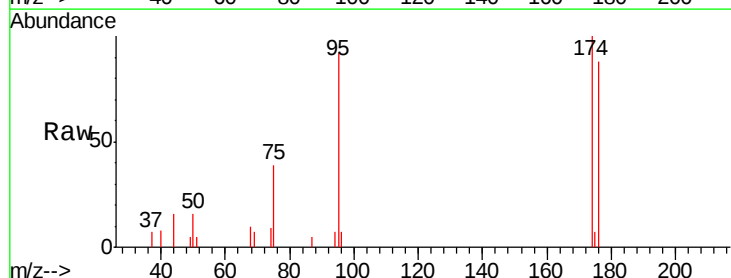
Tgt Ion: 95 Resp: 8728

Ion Ratio Lower Upper

95 100

174 108.6 0.0 219.4

176 96.1 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)

Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)

Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

12.44

10000

8000

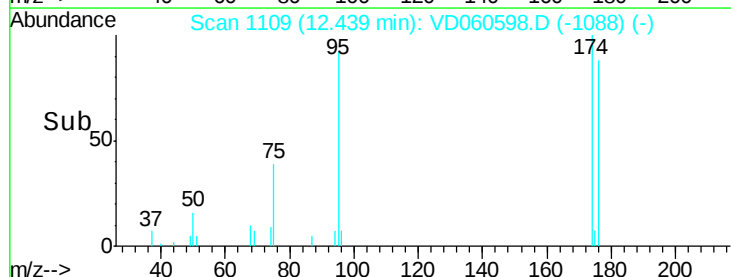
6000

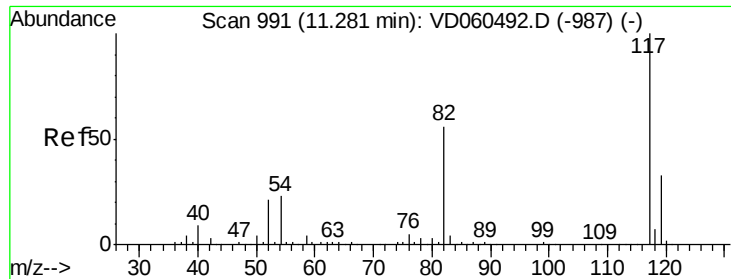
4000

2000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.30 min Scan# 993

Delta R.T. 0.02 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampleId :

EB11_0-2

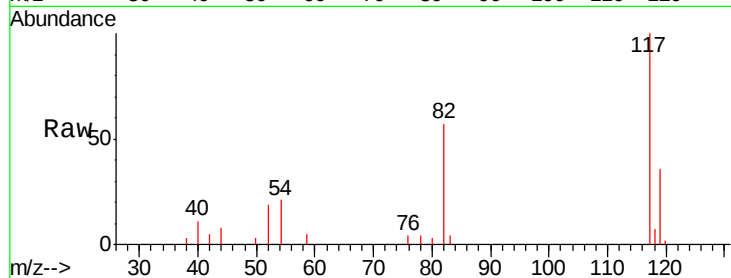
Tgt Ion:117 Resp: 22231

Ion Ratio Lower Upper

117 100

82 57.4 45.2 67.8

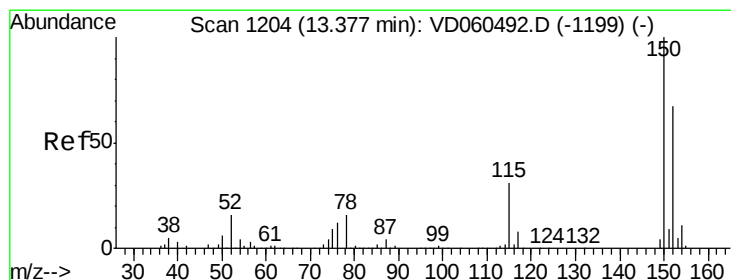
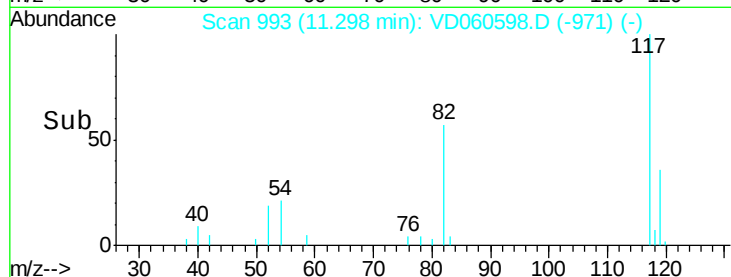
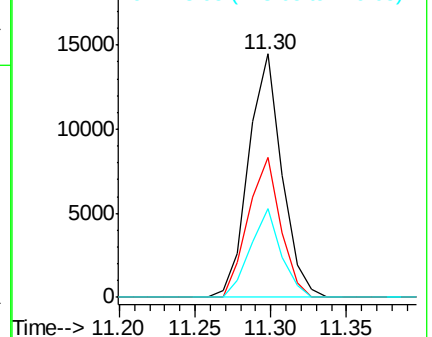
119 36.4 26.1 39.1



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

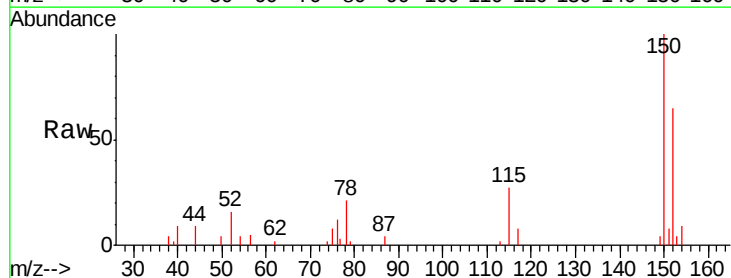
Tgt Ion:152 Resp: 10927

Ion Ratio Lower Upper

152 100

115 41.9 24.6 74.0

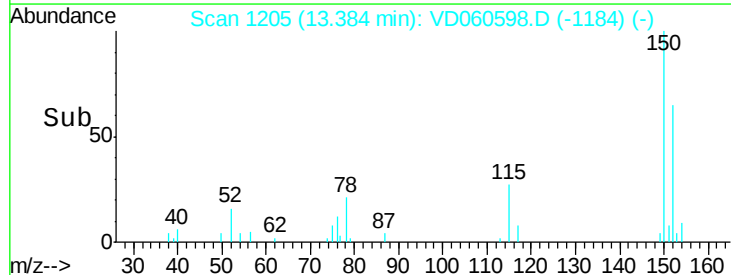
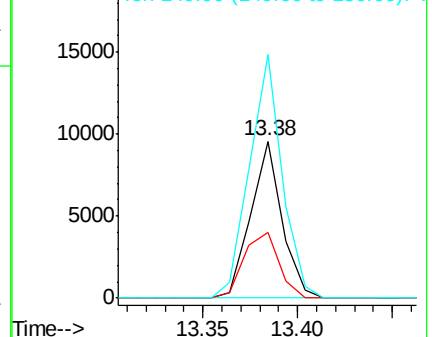
150 155.0 0.0 309.0

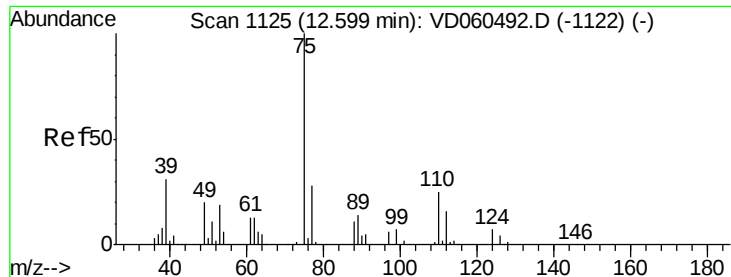


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.006 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.16 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampleId :

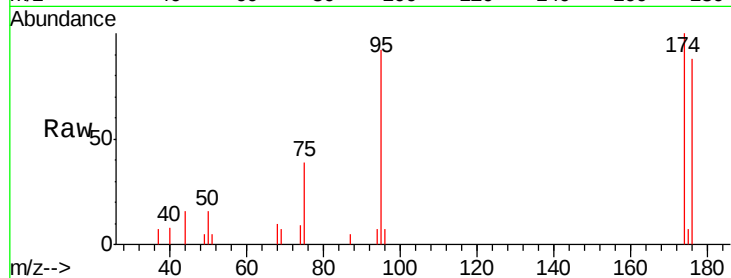
EB11 0-2

Tgt Ion: 75 Resp: 3715

Ion Ratio Lower Upper

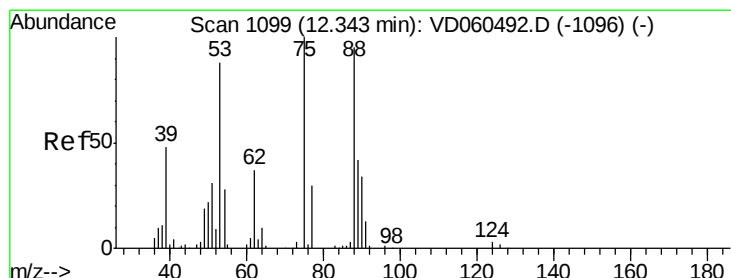
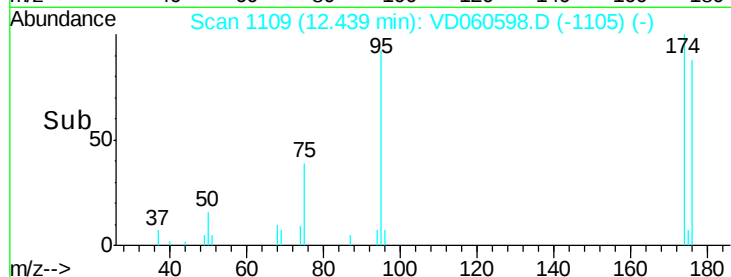
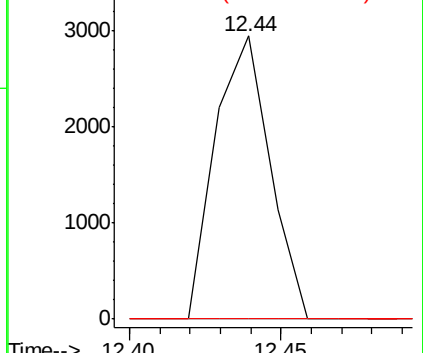
75 100

77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 107.555 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.10 min

Lab File: VD060598.D

Acq: 17 Dec 2018 14:37

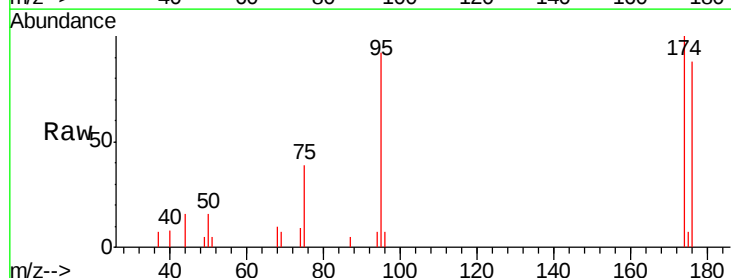
Tgt Ion: 75 Resp: 3714

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

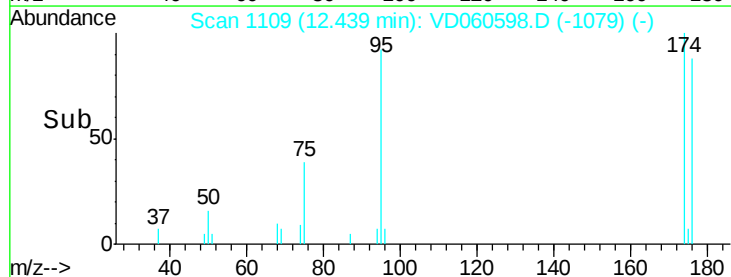
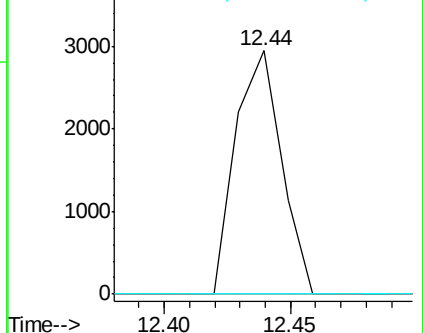
89 0.0 33.6 50.4#

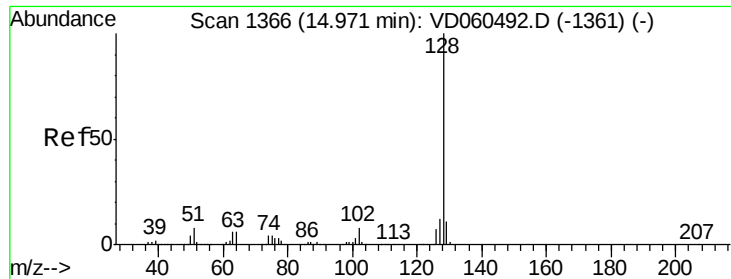


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 1.169 ug/l

RT: 14.98 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VD060598.D

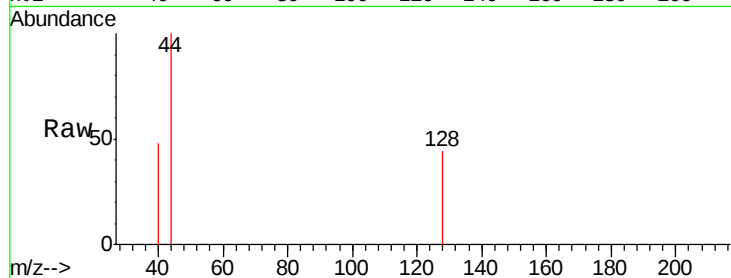
Acq: 17 Dec 2018 14:37

Instrument :

MSVOA_D

ClientSampleId :

EB11 0-2



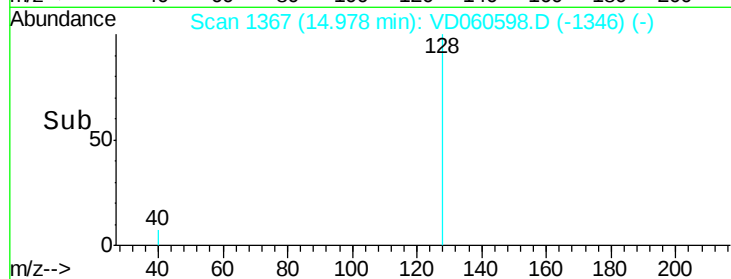
Tgt Ion:128 Resp: 327

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.6 13.0#



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

