

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060599.D
 Acq On : 17 Dec 2018 15:06
 Operator : VA/AP
 Sample : J6397-04
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB11 12-14

Quant Time: Dec 18 11:16:28 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	11353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	19051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	19855	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	9966	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	10040	124.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	249.54%	
35) Dibromofluoromethane	6.32	113	9475	67.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.42%	
50) Toluene-d8	9.47	98	18608	45.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.44	95	6889	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	

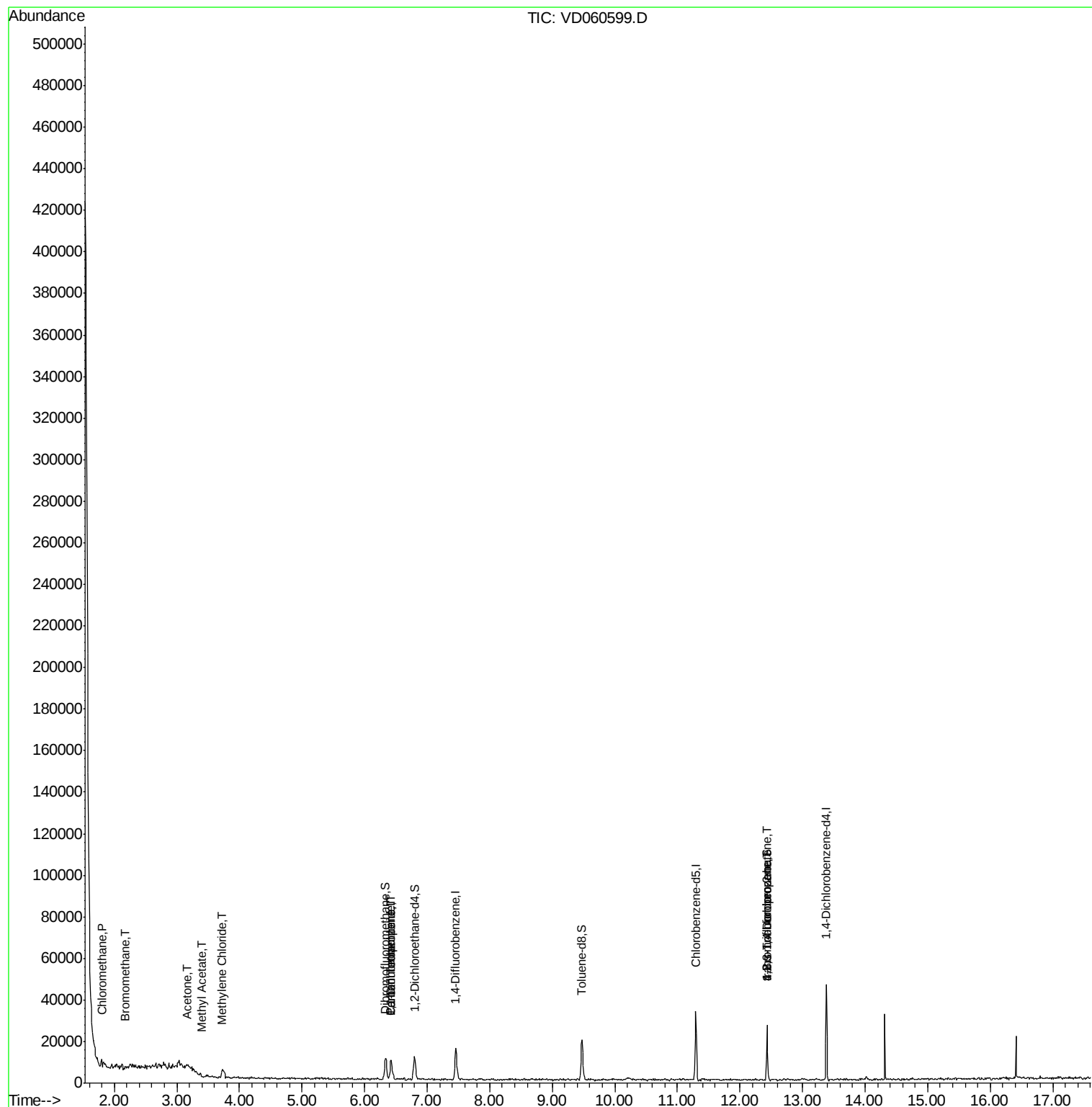
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.80	50	204	1.749	ug/l #	43
5) Bromomethane	2.18	94	1889	81.109	ug/l #	4
16) Acetone	3.16	43	4366	338.486	ug/l #	54
18) Methyl Acetate	3.41	43	192	6.263	ug/l #	64
20) Methylene Chloride	3.73	84	3000	22.907	ug/l #	76
36) 1,1-Dichloropropene	6.41	75	187	1.004	ug/l #	41
38) Carbon Tetrachloride	6.42	117	636	3.804	ug/l #	12
76) 1,2,3-Trichloropropane	12.44	75	3340	29.578	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.44	75	3340	106.051	ug/l #	14

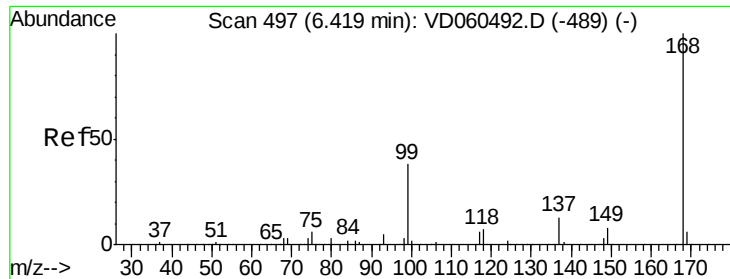
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 498

Delta R.T. 0.00 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

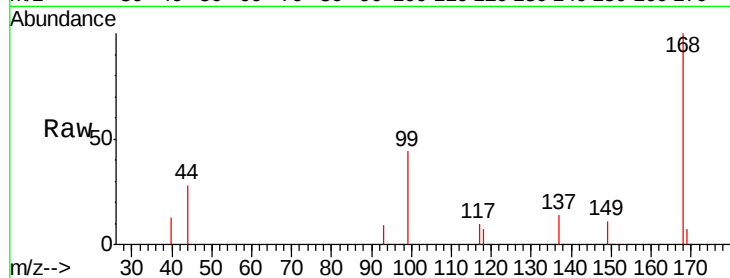
EB11_12-14

Tgt Ion:168 Resp: 11353

Ion Ratio Lower Upper

168 100

99 44.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

4000

3000

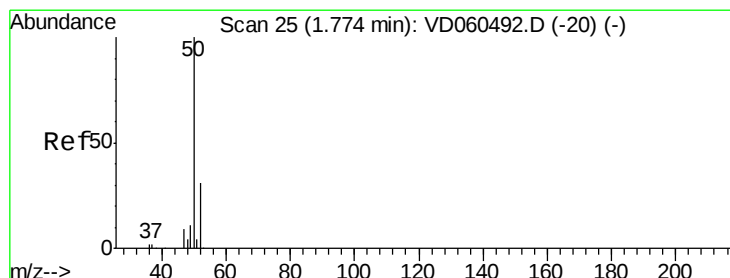
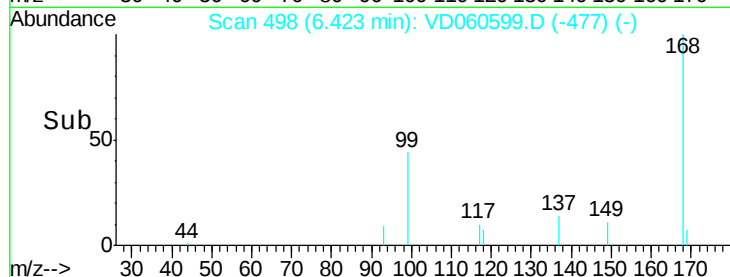
2000

1000

0

6.35 6.40 6.45 6.50

Time-->



#3

Chloromethane

Concen: 1.749 ug/l

RT: 1.80 min Scan# 28

Delta R.T. 0.02 min

Lab File: VD060599.D

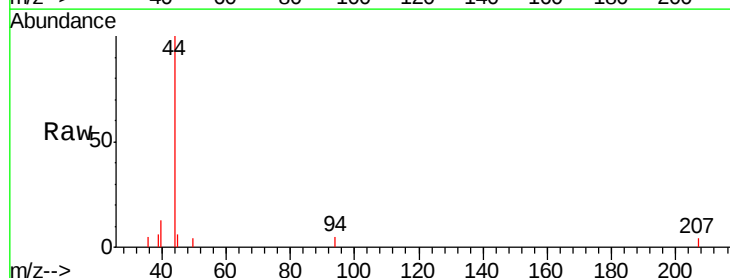
Acq: 17 Dec 2018 15:06

Tgt Ion: 50 Resp: 204

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

400

300

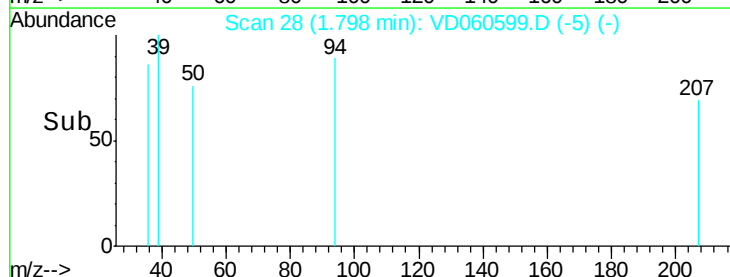
200

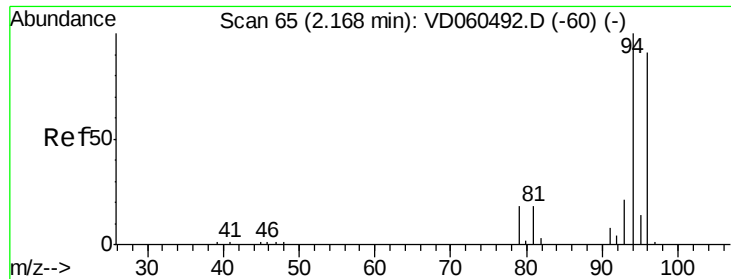
100

0

1.76 1.78 1.80 1.82

Time-->





#5

Bromomethane

Concen: 81.109 ug/l

RT: 2.18 min Scan# 67

Delta R.T. 0.01 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

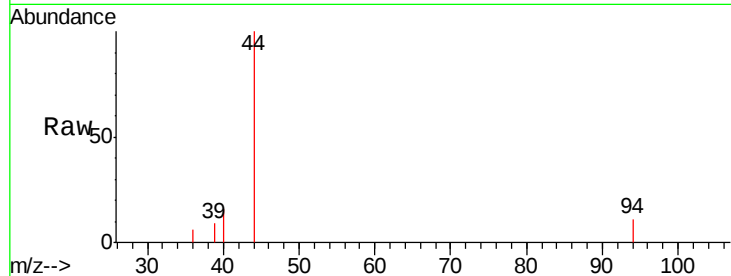
EB11_12-14

Tgt Ion: 94 Resp: 1889

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

2.18

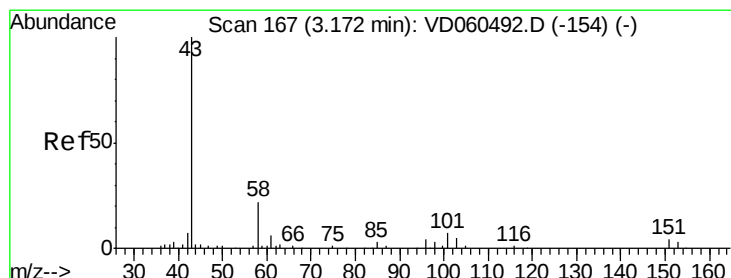
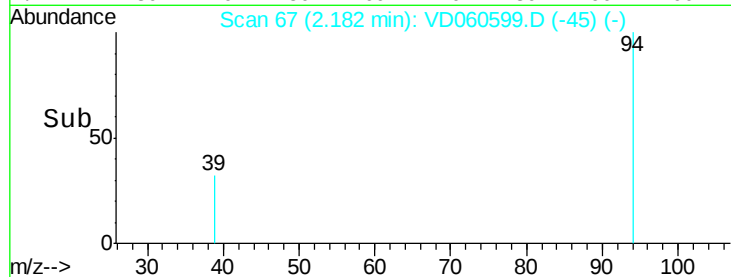
600

400

200

0

Time-->



#16

Acetone

Concen: 338.486 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060599.D

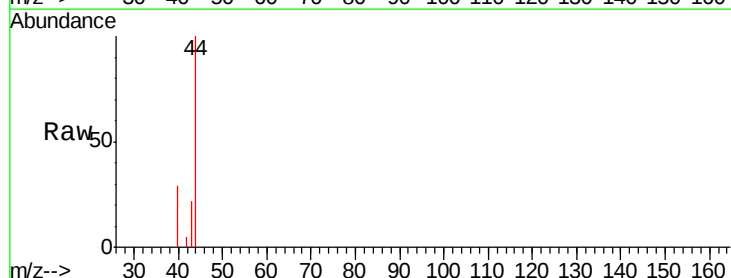
Acq: 17 Dec 2018 15:06

Tgt Ion: 43 Resp: 4366

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

3.16

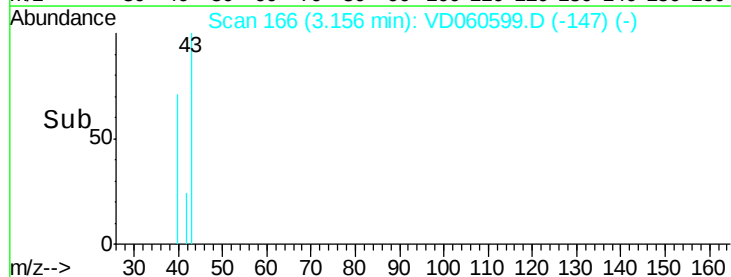
1500

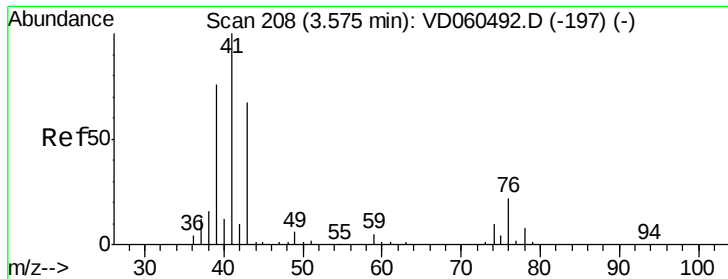
1000

500

0

Time-->

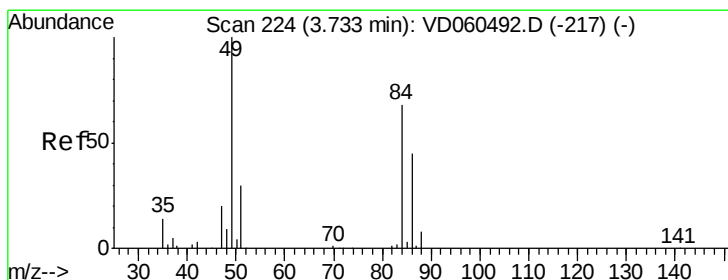
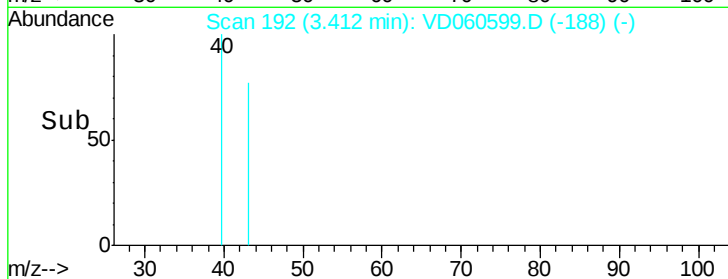
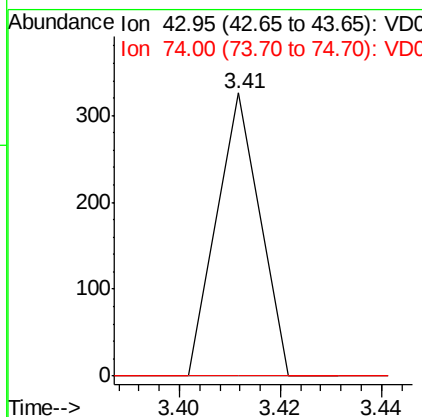
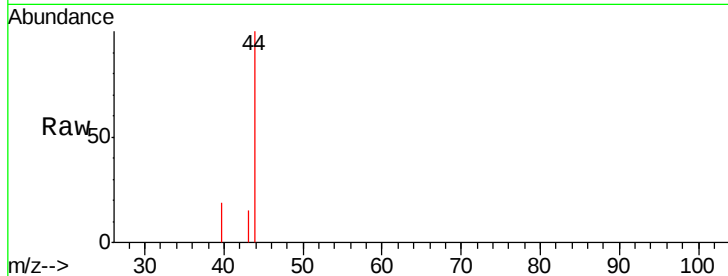




#18
Methyl Acetate
Concen: 6.263 ug/l
RT: 3.41 min Scan# 192
Delta R.T. -0.16 min
Lab File: VD060599.D
Acq: 17 Dec 2018 15:06

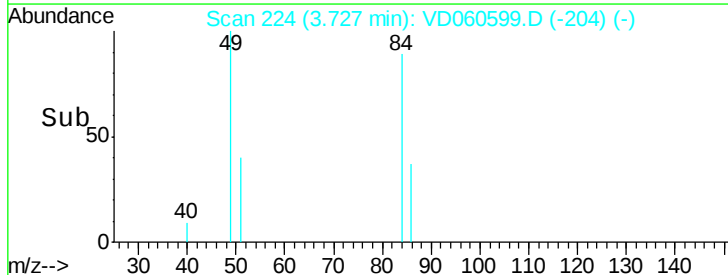
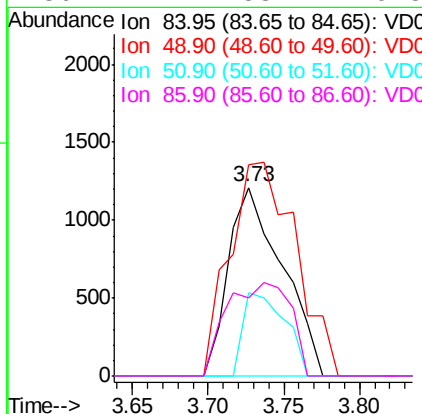
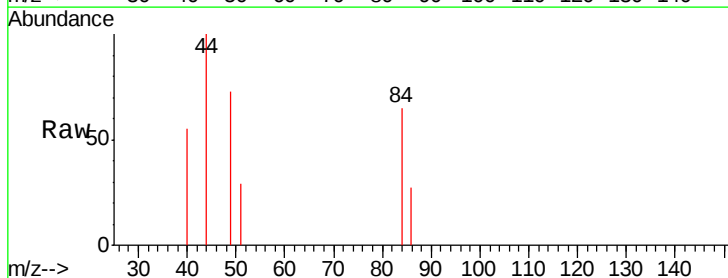
Instrument :
MSVOA_D
ClientSampleId :
EB11_12-14

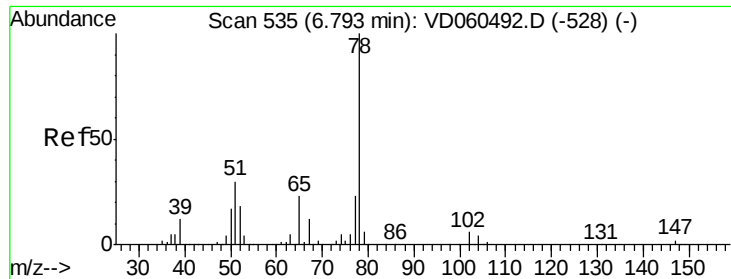
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#



#20
Methylene Chloride
Concen: 22.907 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060599.D
Acq: 17 Dec 2018 15:06

Tgt Ion: 84 Resp: 3000
Ion Ratio Lower Upper
84 100
49 111.9 117.2 175.8#
51 44.3 35.3 52.9
86 41.4 53.2 79.8#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.00 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

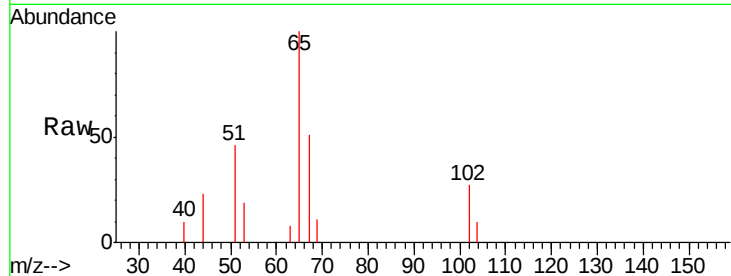
EB11 12-14

Tgt Ion: 65 Resp: 10040

Ion Ratio Lower Upper

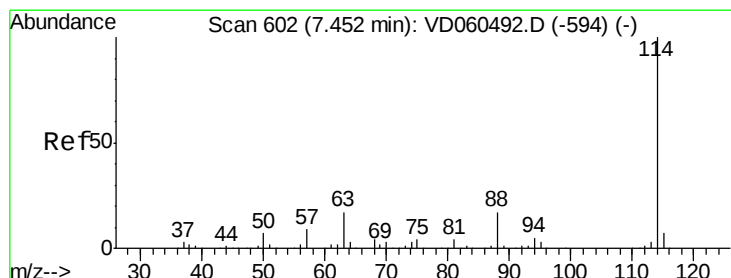
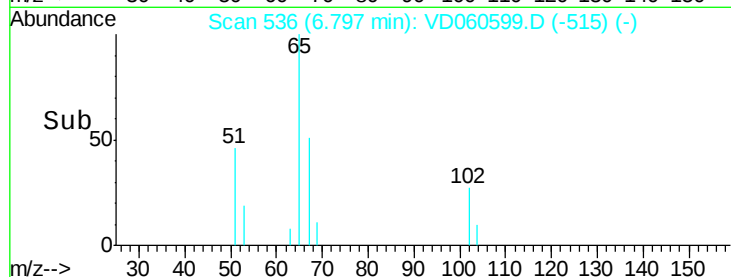
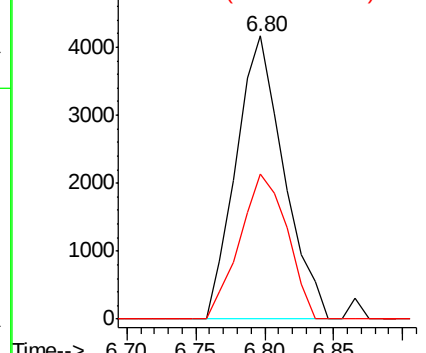
65 100

67 51.4 0.0 106.8



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: 7.46 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

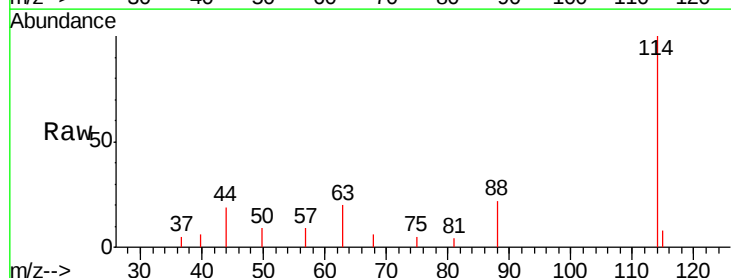
Tgt Ion: 114 Resp: 19051

Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.2

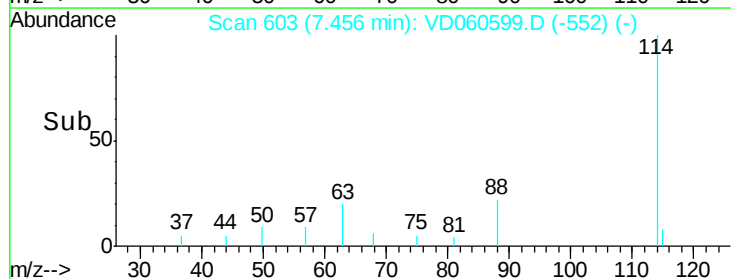
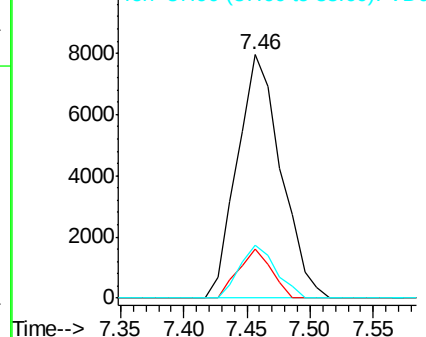
88 21.6 0.0 35.0

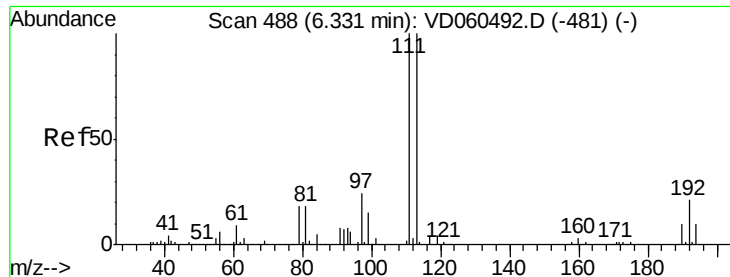


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

EB11_12-14

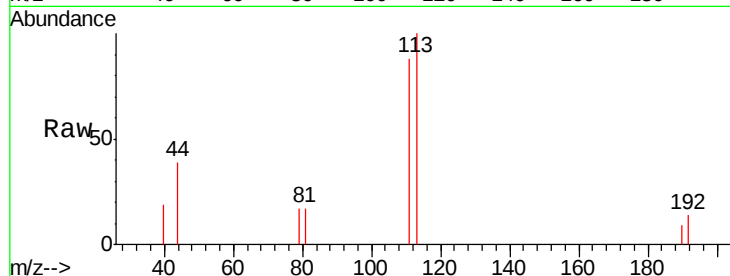
Tgt Ion: 113 Resp: 9475

Ion Ratio Lower Upper

113 100

111 87.9 80.2 120.4

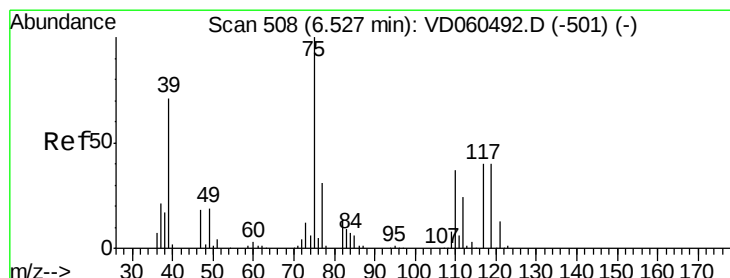
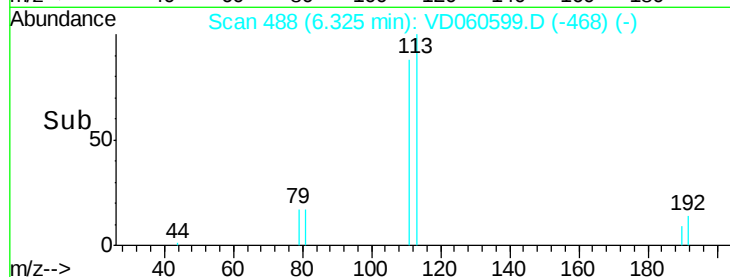
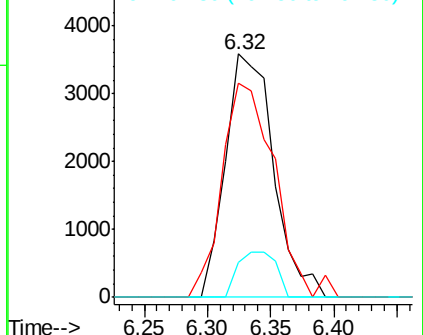
192 14.2 16.6 24.8#



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



#36

1,1-Dichloropropene

Concen: 1.004 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.11 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

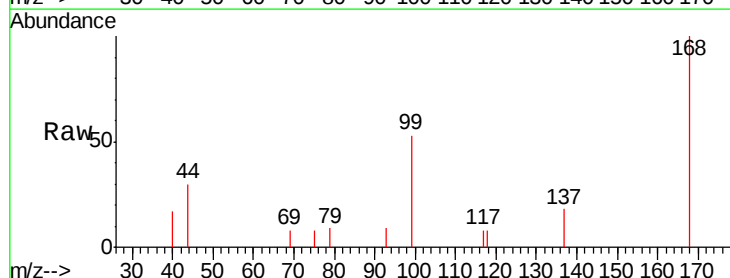
Tgt Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

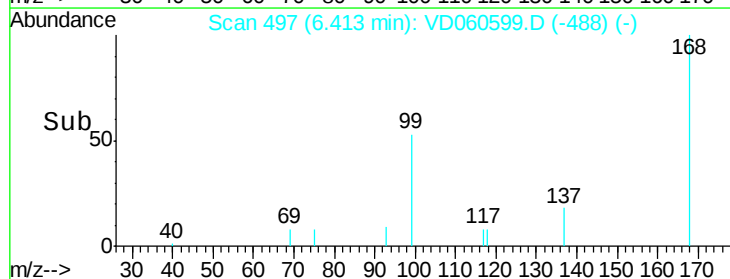
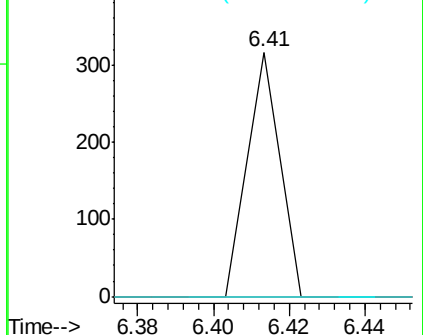
77 0.0 24.6 37.0#

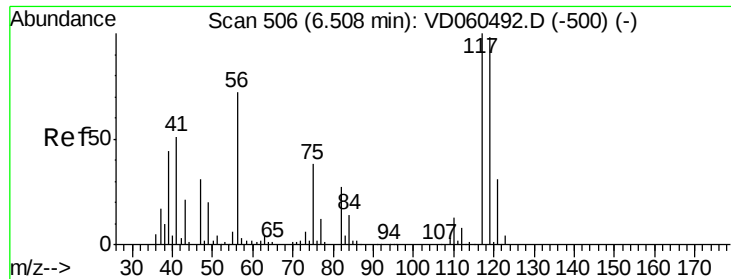


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

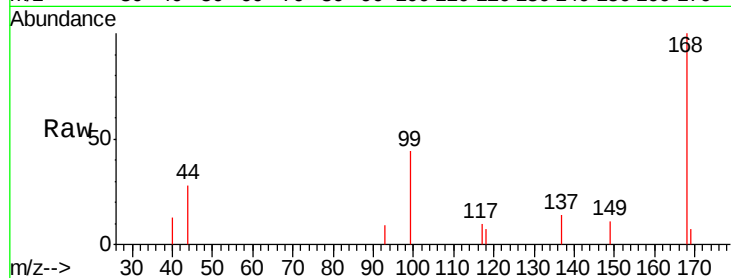




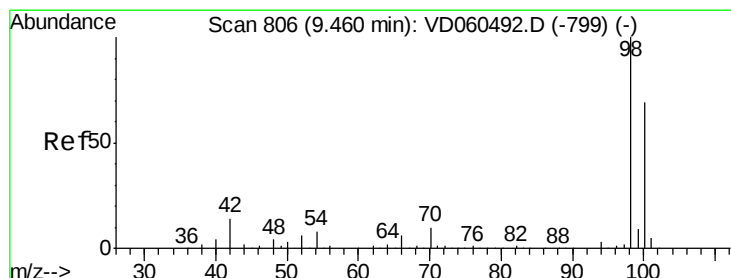
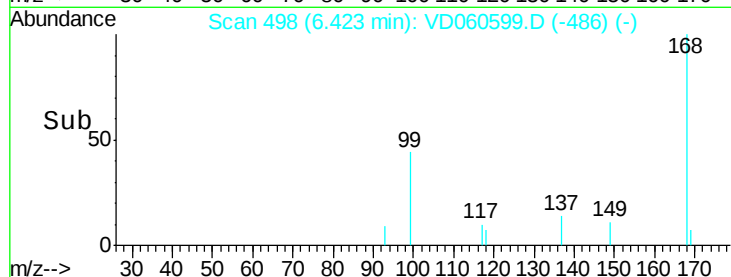
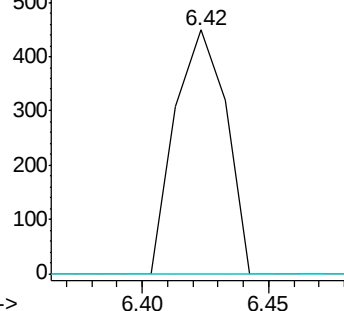
#38
Carbon Tetrachloride
Concen: 3.804 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.08 min
Lab File: VD060599.D
Acq: 17 Dec 2018 15:06

Instrument :
MSVOA_D
ClientSampleId :
EB11_12-14

Tgt Ion:117 Resp: 636
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 24.4 36.6#

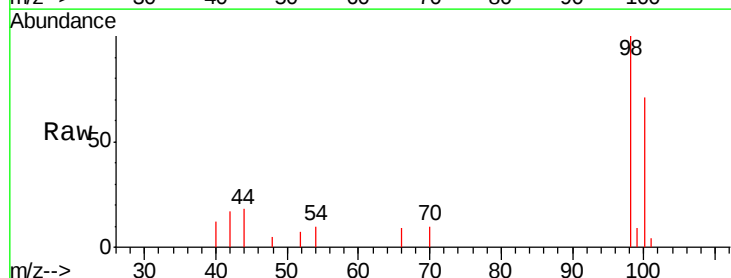


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

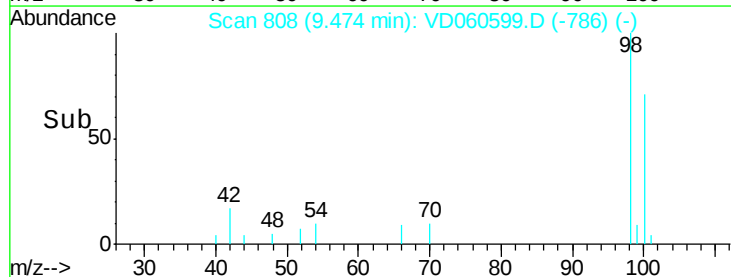
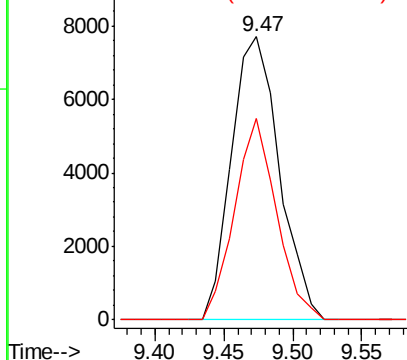


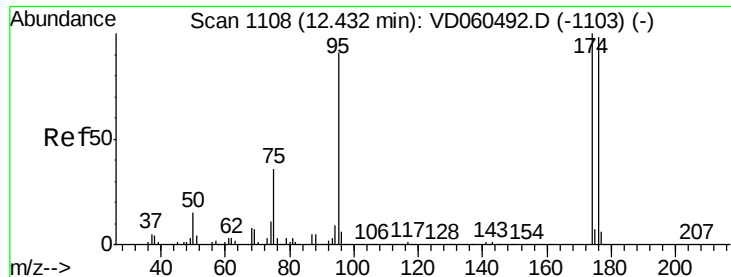
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060599.D
Acq: 17 Dec 2018 15:06

Tgt Ion: 98 Resp: 18608
Ion Ratio Lower Upper
98 100
100 71.0 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

EB11 12-14

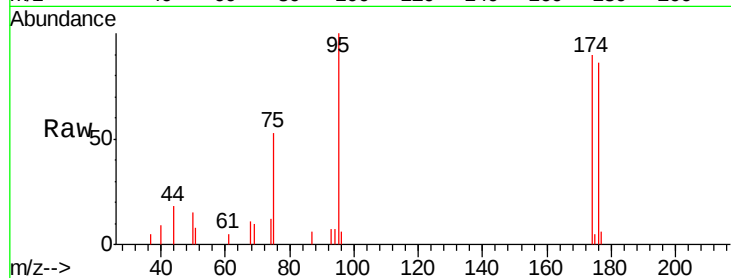
Tgt Ion: 95 Resp: 6889

Ion Ratio Lower Upper

95 100

174 89.7 0.0 219.4

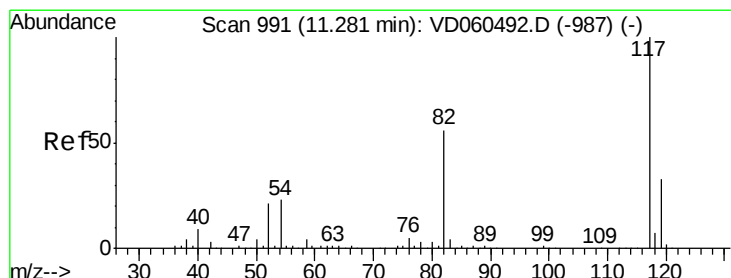
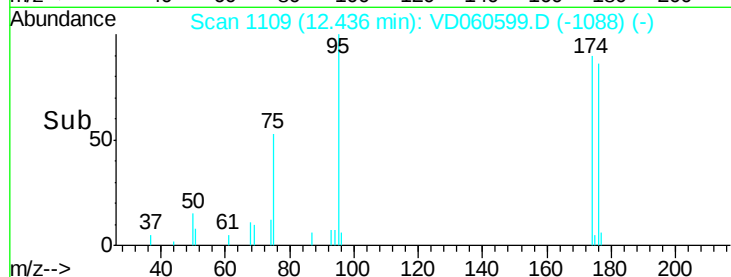
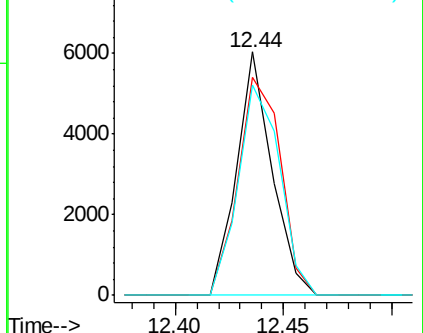
176 86.4 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.29 min Scan# 993

Delta R.T. 0.01 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

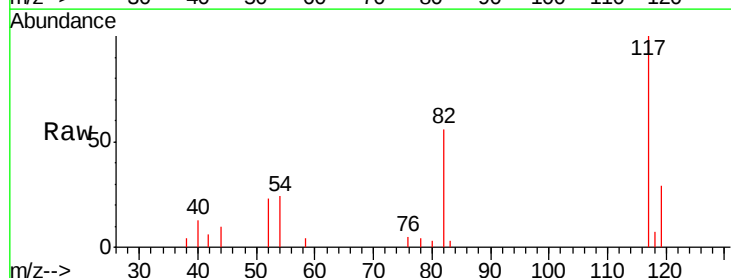
Tgt Ion: 117 Resp: 19855

Ion Ratio Lower Upper

117 100

82 55.7 45.2 67.8

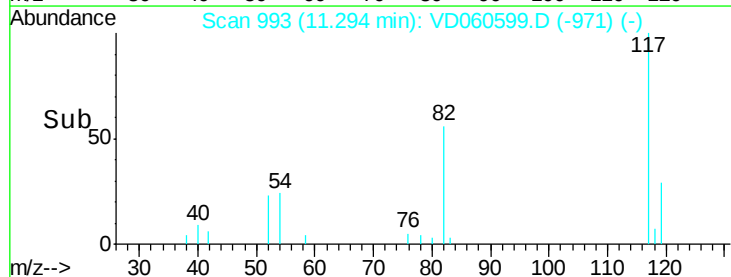
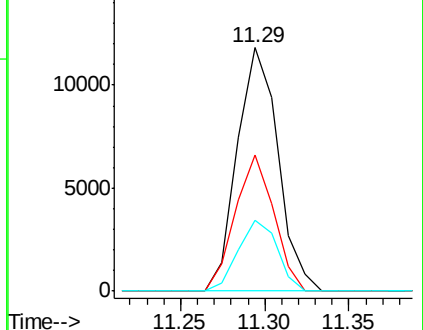
119 29.2 26.1 39.1

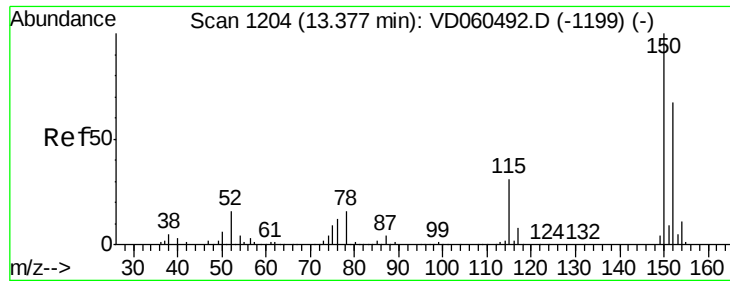


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

EB11_12-14

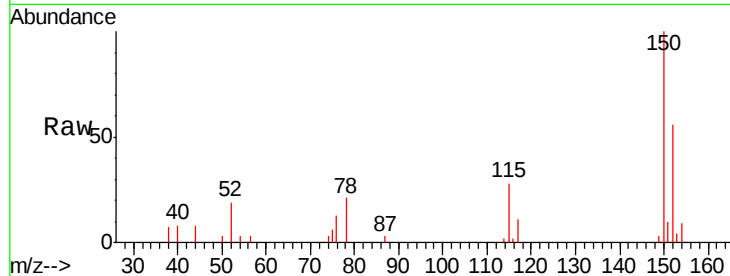
Tgt Ion: 152 Resp: 9966

Ion Ratio Lower Upper

152 100

115 50.6 24.6 74.0

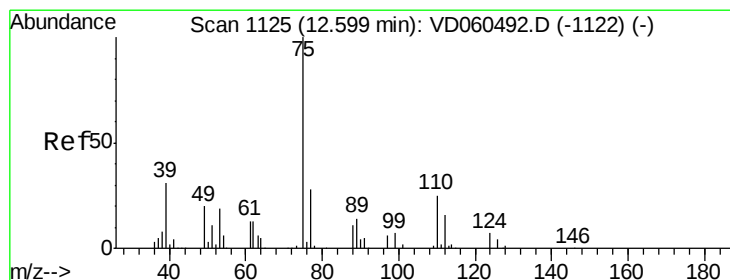
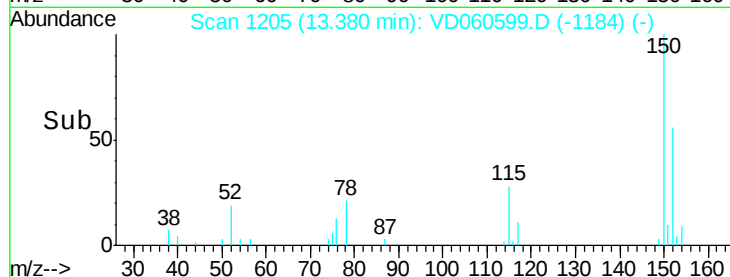
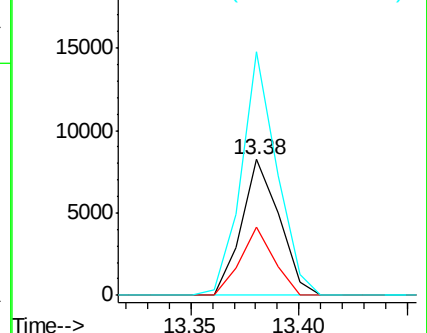
150 179.6 0.0 309.0



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: 29.578 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.16 min

Lab File: VD060599.D

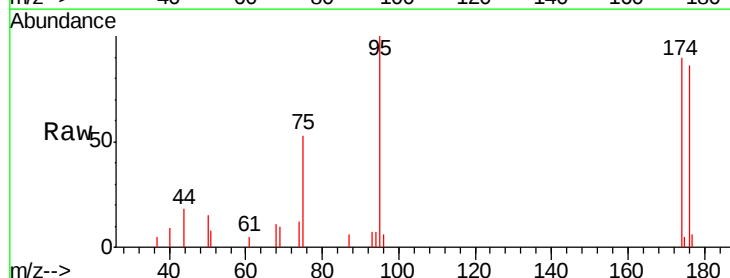
Acq: 17 Dec 2018 15:06

Tgt Ion: 75 Resp: 3340

Ion Ratio Lower Upper

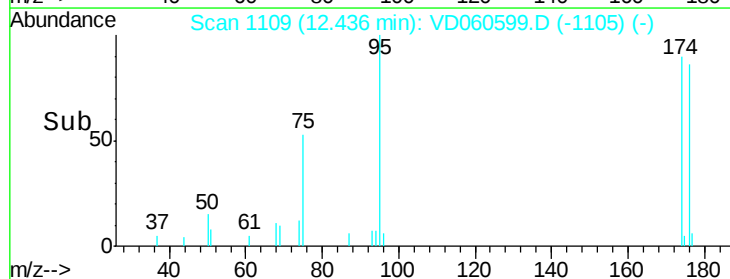
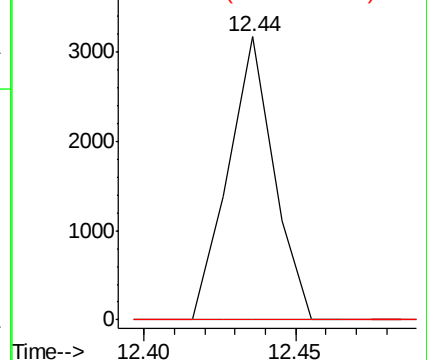
75 100

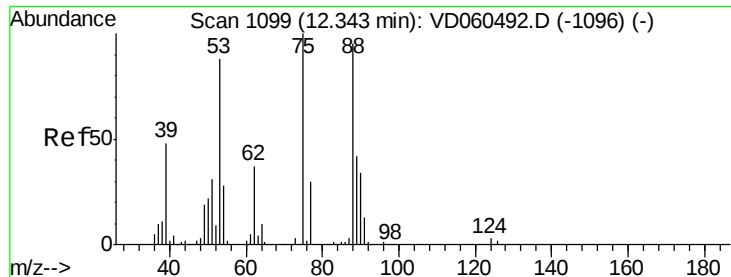
77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 106.051 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060599.D

Acq: 17 Dec 2018 15:06

Instrument :

MSVOA_D

ClientSampleId :

EB11_12-14

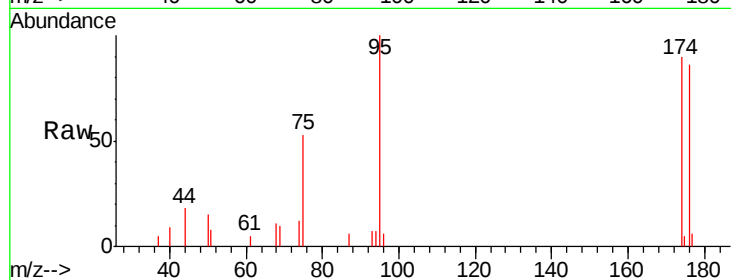
Tgt Ion: 75 Resp: 3340

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

