

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060602.D
 Acq On : 17 Dec 2018 16:30
 Operator : VA/AP
 Sample : J6424-02
 Misc : 4.35g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB12_12-14

Quant Time: Dec 18 11:16:52 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	1399322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	1988835	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1591007	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	821831	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	505854	51.00	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	102.00%	
35) Dibromofluoromethane	6.34	113	682313	46.71	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	93.42%	
50) Toluene-d8	9.47	98	2008807	47.52	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.44	95	707166	46.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.50%	

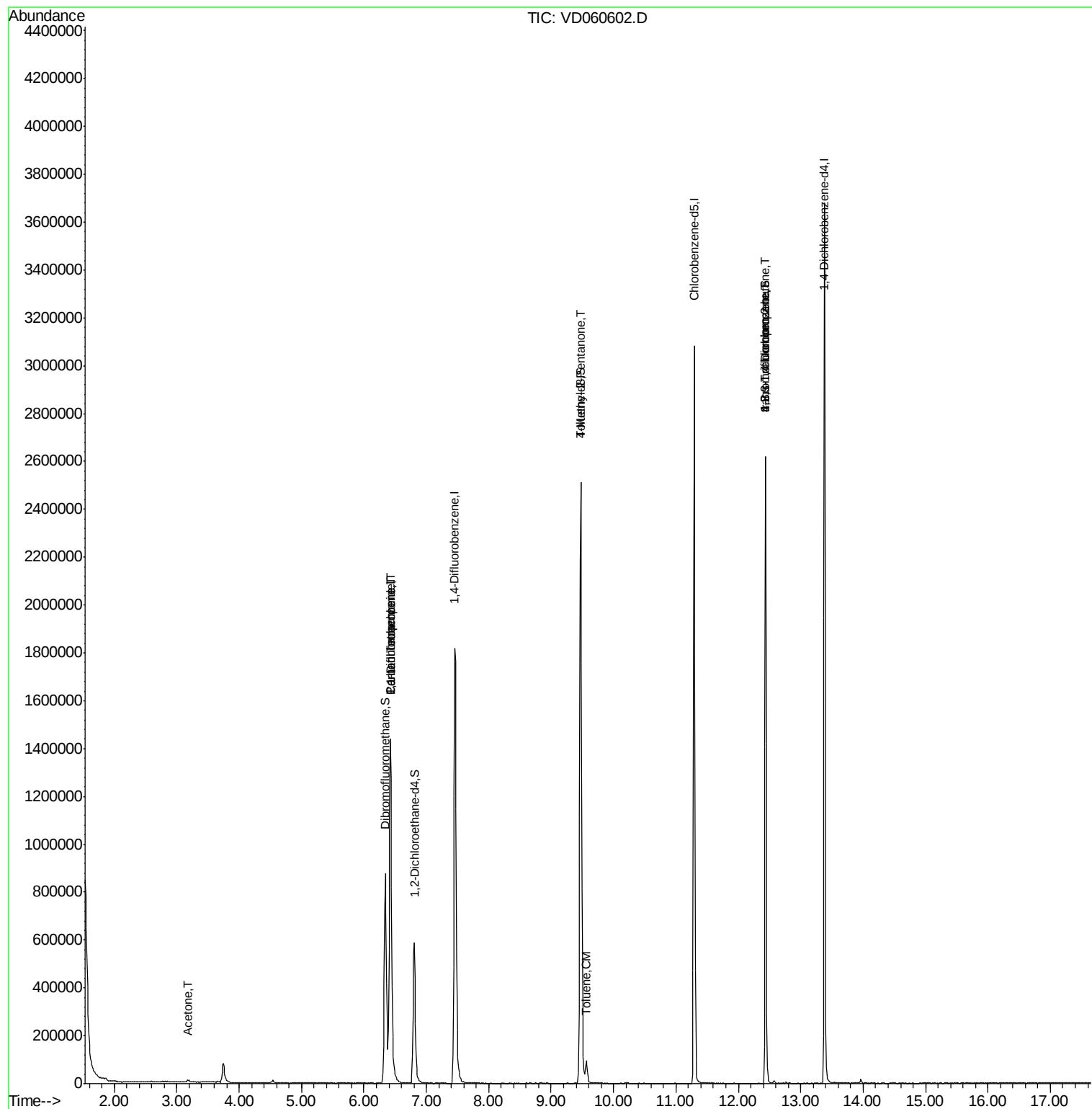
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.18	43	18156	11.420	ug/l	92
20) Methylene Chloride	3.75	84	50580	Below Cal		98
31) Cyclohexane	6.42	56	25179	Below Cal	#	1
36) 1,1-Dichloropropene	6.42	75	102503	5.273	ug/l #	47
38) Carbon Tetrachloride	6.42	117	109182	6.256	ug/l #	16
51) 4-Methyl-2-Pentanone	9.47	43	11369	1.756	ug/l #	1
52) Toluene	9.56	92	42012	1.353	ug/l	92
76) 1,2,3-Trichloropropane	12.44	75	280207	30.091	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	291301	112.163	ug/l #	14
89) n-Butylbenzene	13.66	91	522	Below Cal	#	83

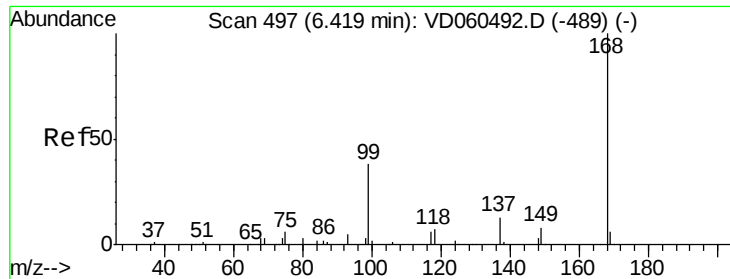
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
Data File : VD060602.D
Acq On : 17 Dec 2018 16:30
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Quant Time: Dec 18 11:16:52 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# 498

Delta R.T. 0.00 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

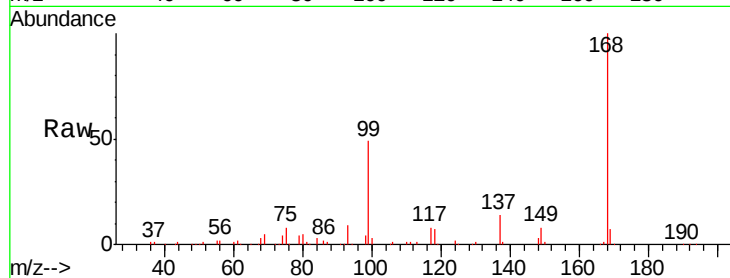
EB12_12-14

Tgt Ion:168 Resp: 1399322

Ion Ratio Lower Upper

168 100

99 48.7 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

500000

400000

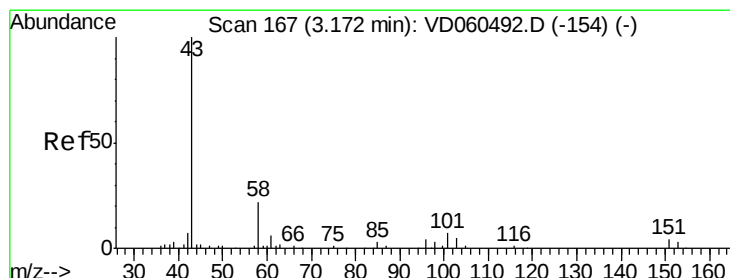
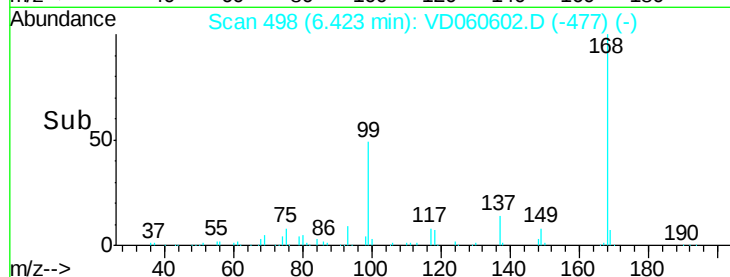
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.420 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060602.D

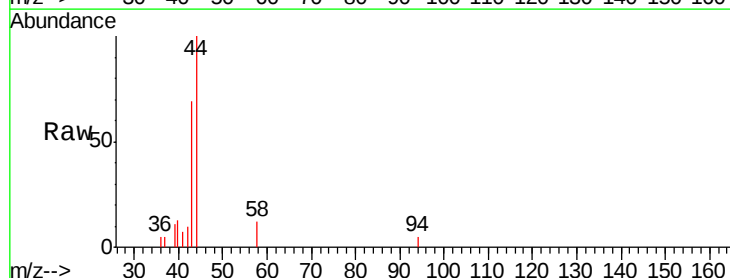
Acq: 17 Dec 2018 16:30

Tgt Ion: 43 Resp: 18156

Ion Ratio Lower Upper

43 100

58 17.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

5000

4000

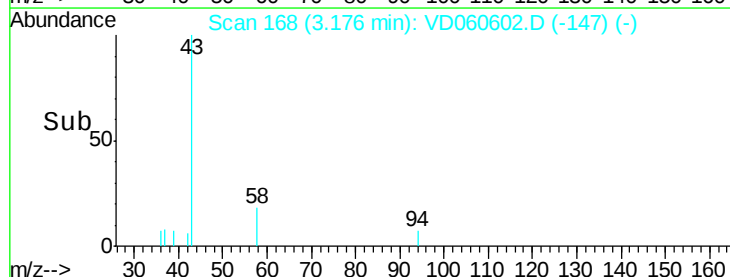
3000

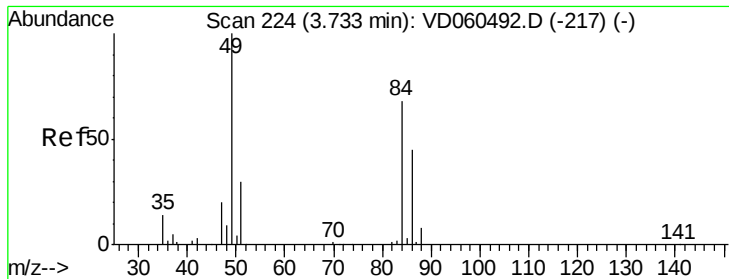
2000

1000

0

Time-->

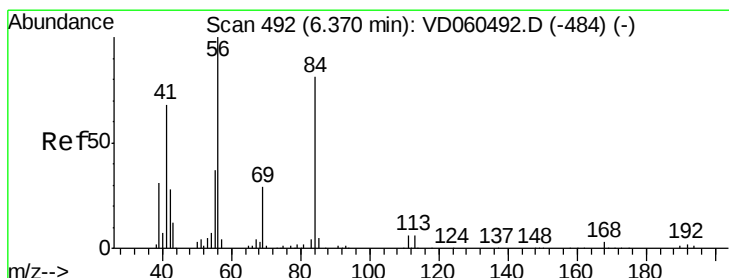
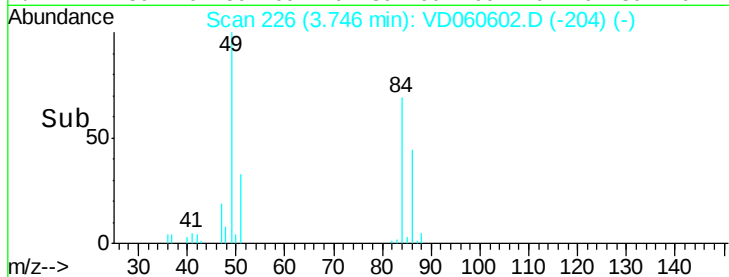
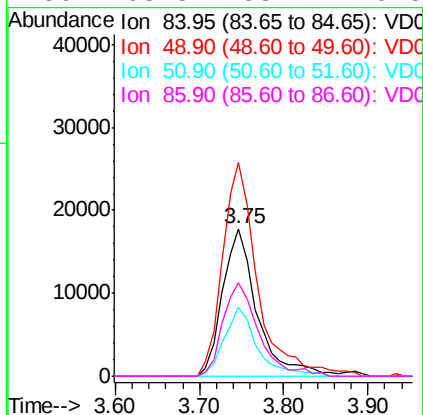
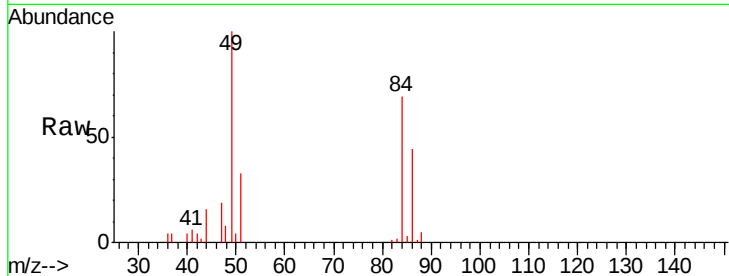




#20
Methylene Chloride
Concen: Below Cal
RT: 3.75 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD060602.D
Acq: 17 Dec 2018 16:30

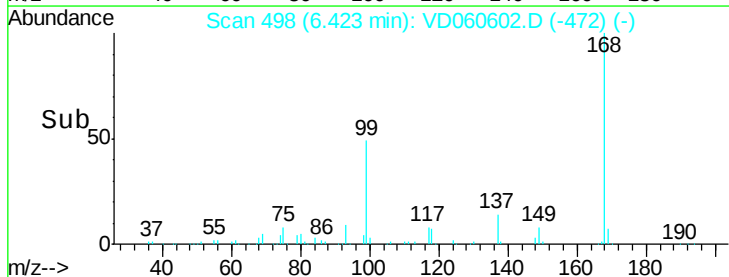
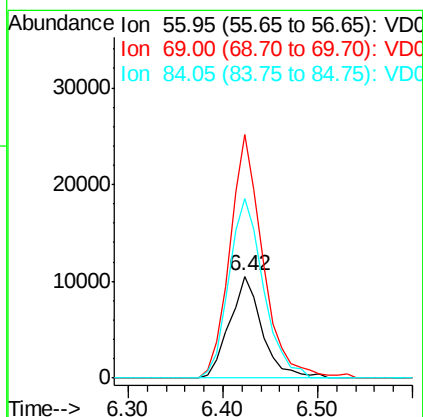
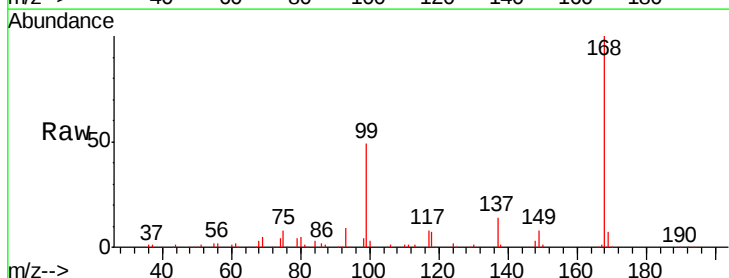
Instrument :
MSVOA_D
ClientSampleId :
EB12_12-14

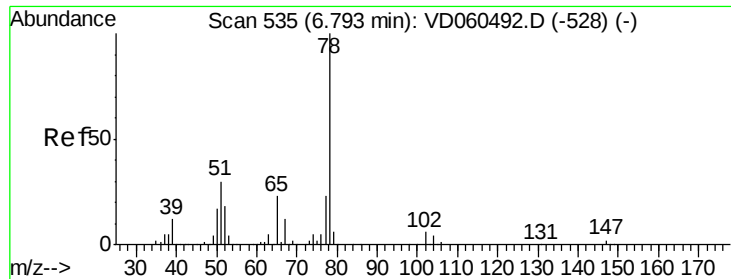
Tgt Ion:	84	Resp:	50580
Ion	Ratio	Lower	Upper
84	100		
49	145.0	117.2	175.8
51	47.2	35.3	52.9
86	63.8	53.2	79.8



#31
Cyclohexane
Concen: Below Cal
RT: 6.42 min Scan# 498
Delta R.T. 0.05 min
Lab File: VD060602.D
Acq: 17 Dec 2018 16:30

Tgt Ion:	56	Resp:	25179
Ion	Ratio	Lower	Upper
56	100		
69	238.3	22.8	34.2#
84	175.6	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

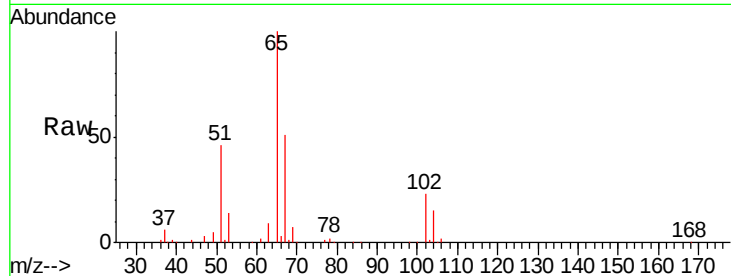
EB12_12-14

Tgt Ion: 65 Resp: 505854

Ion Ratio Lower Upper

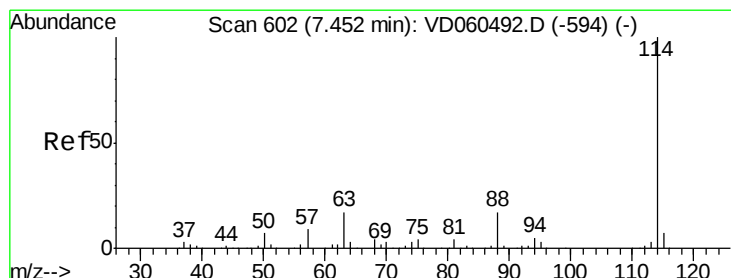
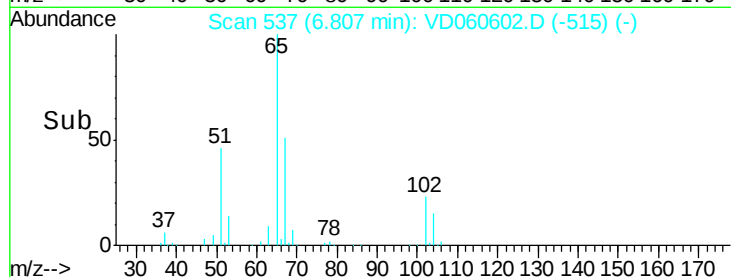
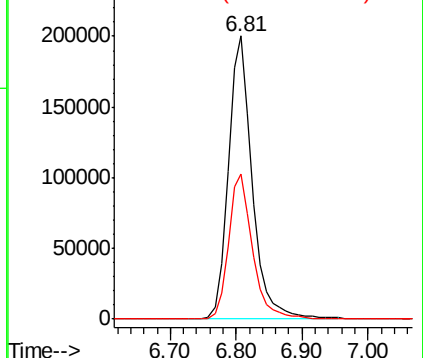
65 100

67 51.1 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: 7.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

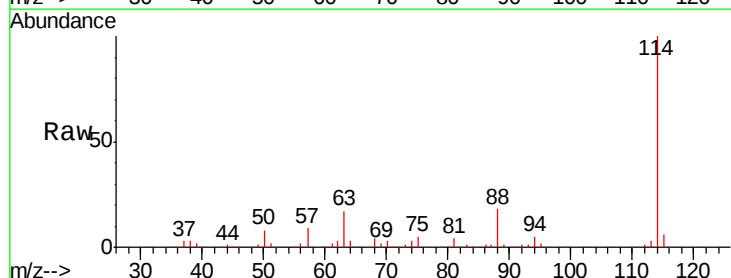
Tgt Ion: 114 Resp: 1988835

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

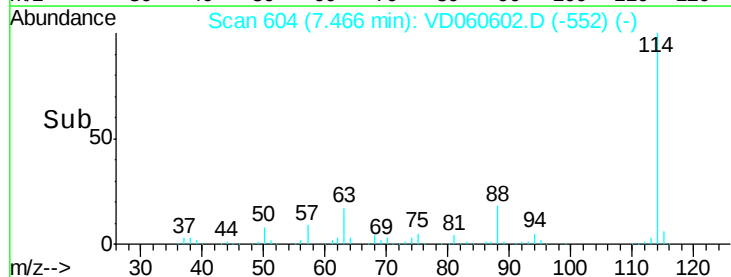
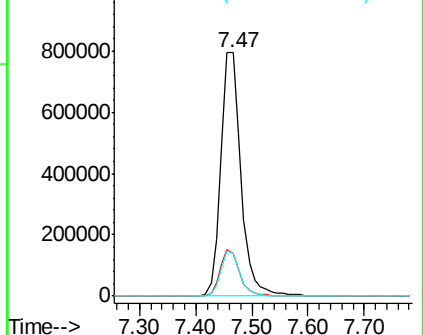
88 17.6 0.0 35.0

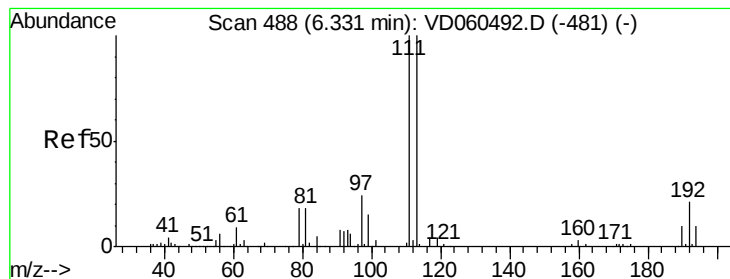


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.34 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

EB12_12-14

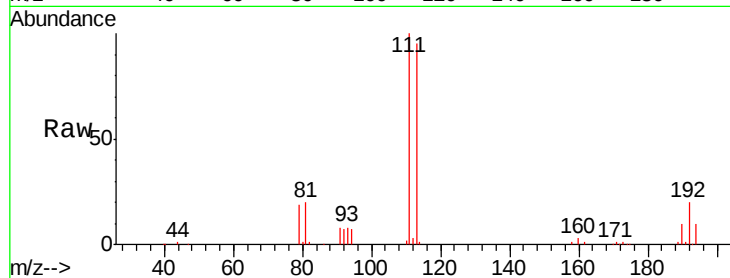
Tgt Ion:113 Resp: 682313

Ion Ratio Lower Upper

113 100

111 105.5 80.2 120.4

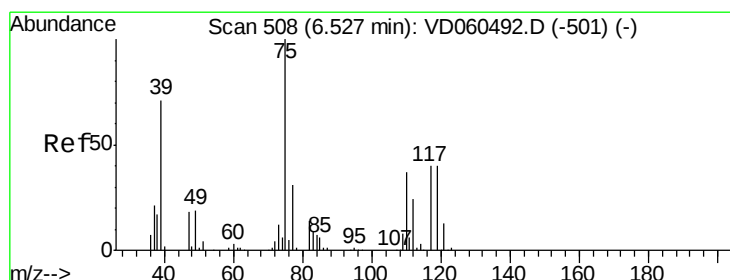
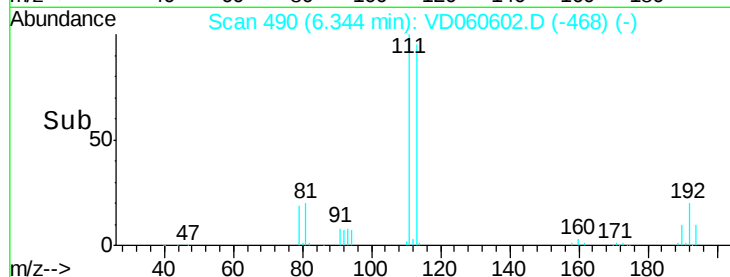
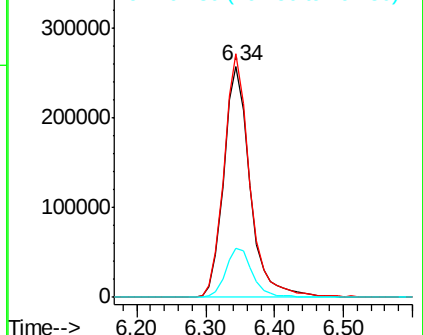
192 21.4 16.6 24.8



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: 5.273 ug/l

RT: 6.42 min Scan# 498

Delta R.T. -0.10 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

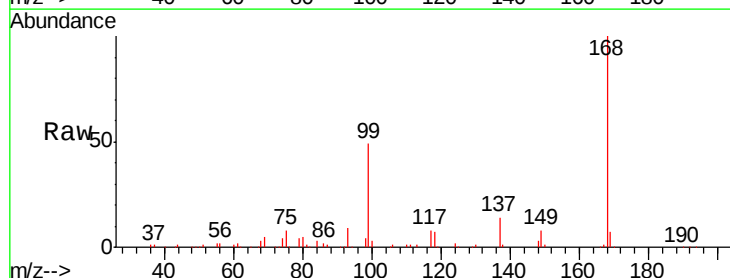
Tgt Ion: 75 Resp: 102503

Ion Ratio Lower Upper

75 100

110 6.8 18.3 54.8#

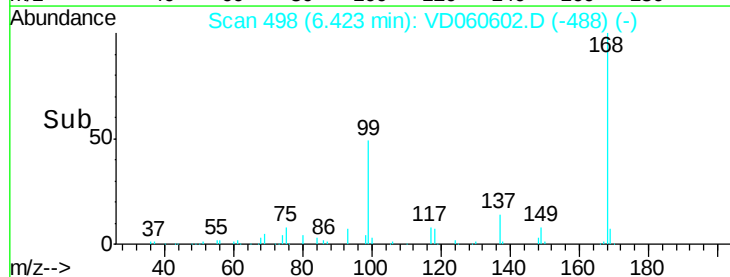
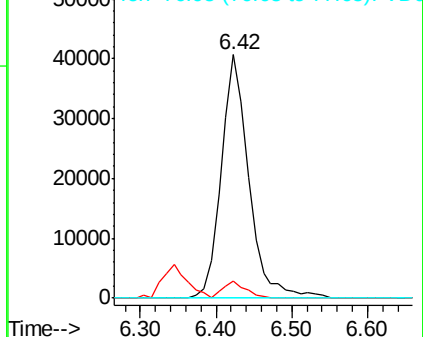
77 0.0 24.6 37.0#

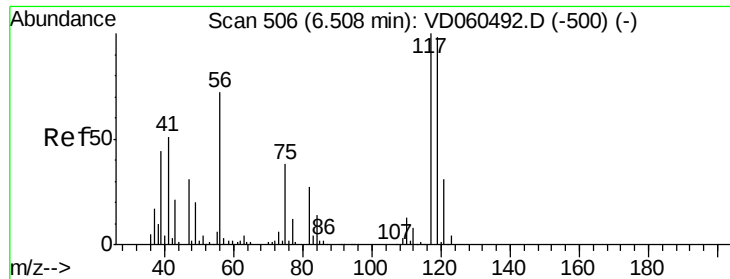


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

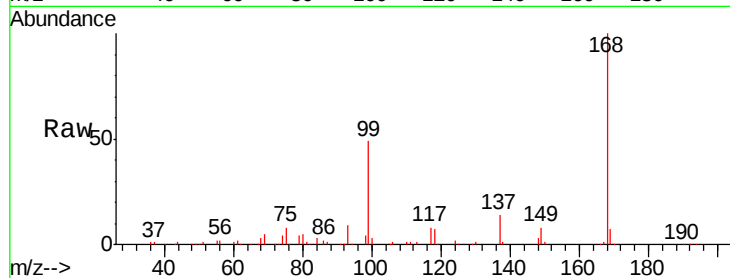




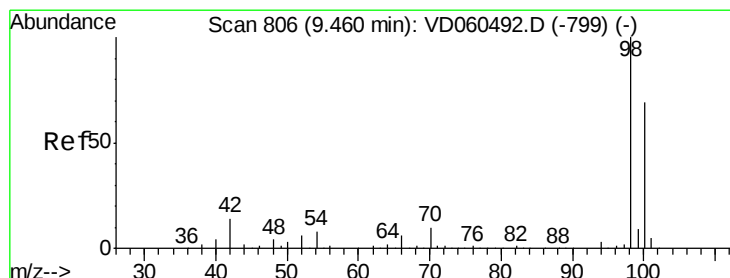
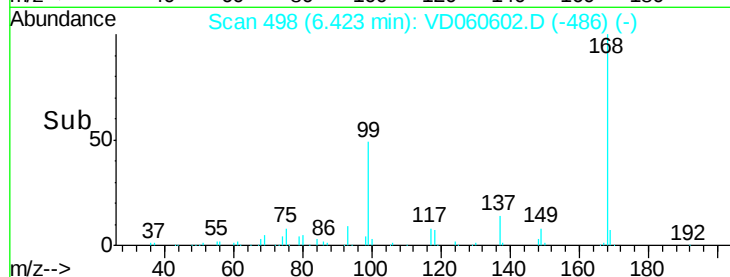
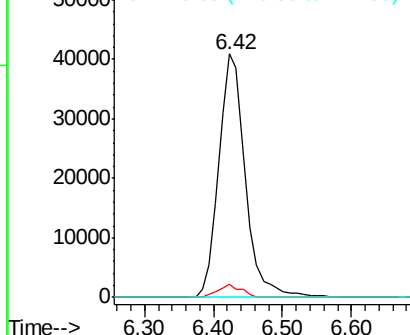
#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.08 min
Lab File: VD060602.D
Acq: 17 Dec 2018 16:30

Instrument :
MSVOA_D
ClientSampleId :
EB12_12-14

Tgt Ion:117 Resp: 109182
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 24.4 36.6#

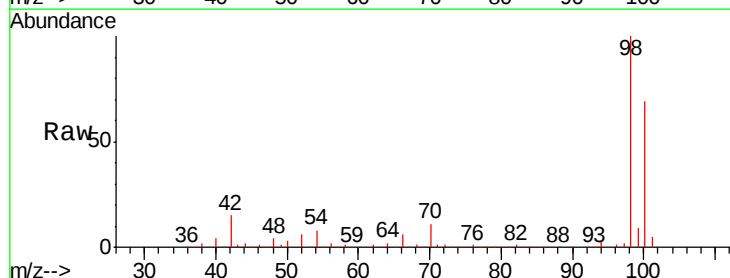


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

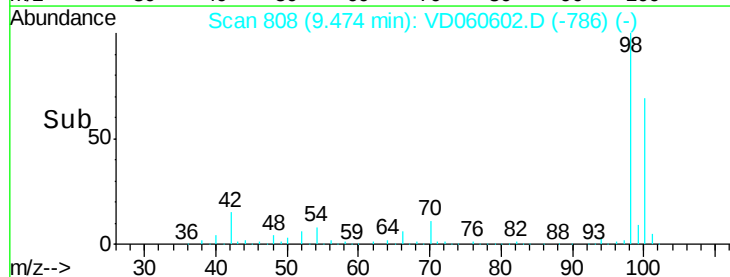
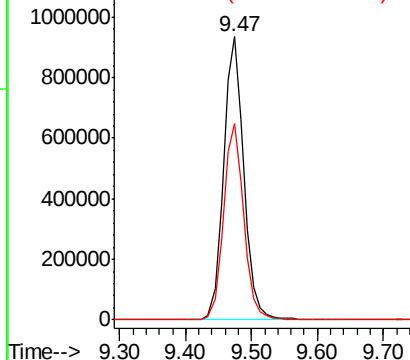


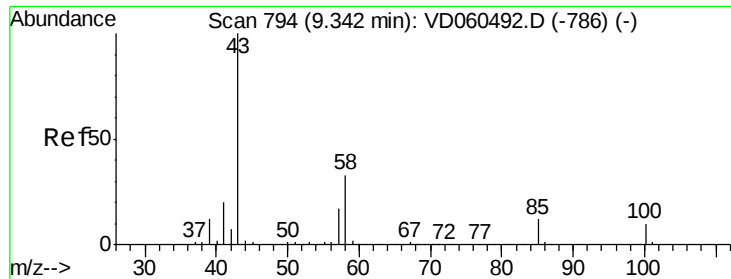
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060602.D
Acq: 17 Dec 2018 16:30

Tgt Ion: 98 Resp: 2008807
Ion Ratio Lower Upper
98 100
100 69.2 55.7 83.5



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





#51

4-Methyl-2-Pentanone

Concen: 1.756 ug/l

RT: 9.47 min Scan# 808

Delta R.T. 0.13 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

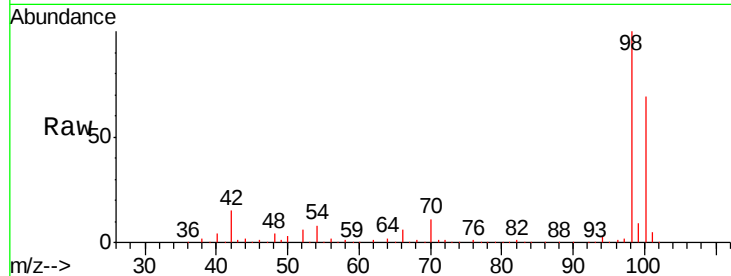
EB12_12-14

Tgt Ion: 43 Resp: 11369

Ion Ratio Lower Upper

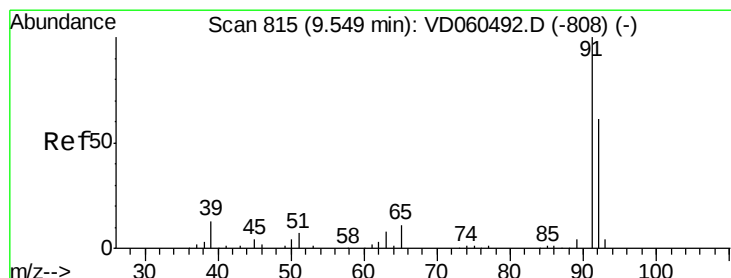
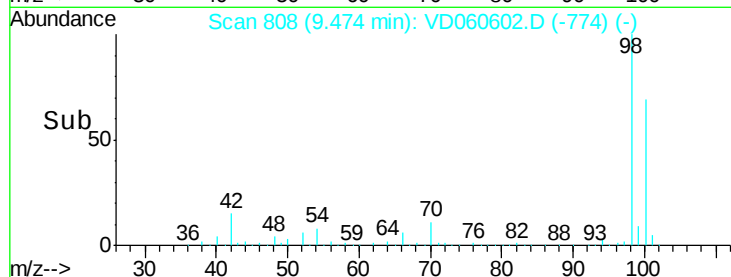
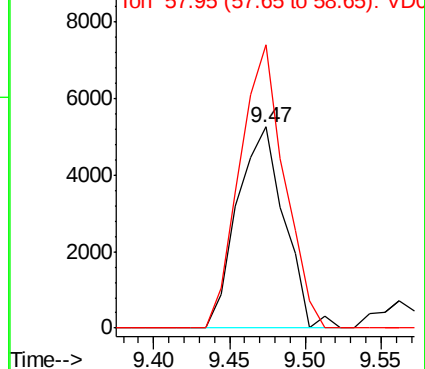
43 100

58 140.8 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 1.353 ug/l

RT: 9.56 min Scan# 817

Delta R.T. 0.01 min

Lab File: VD060602.D

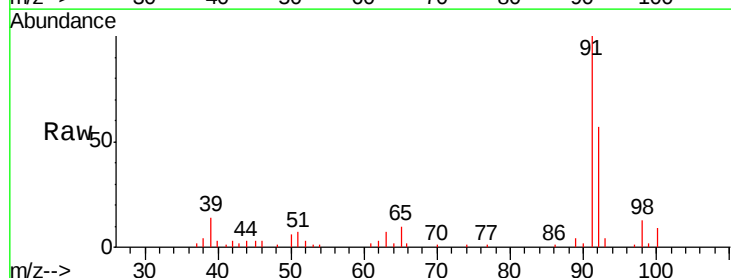
Acq: 17 Dec 2018 16:30

Tgt Ion: 92 Resp: 42012

Ion Ratio Lower Upper

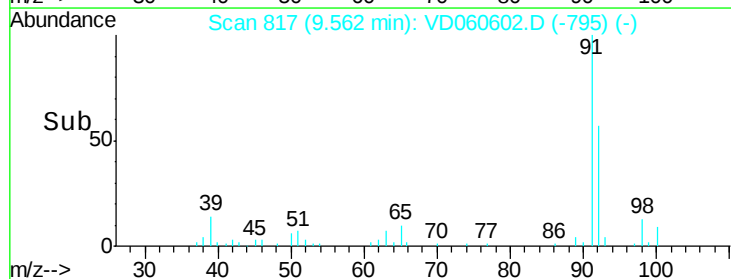
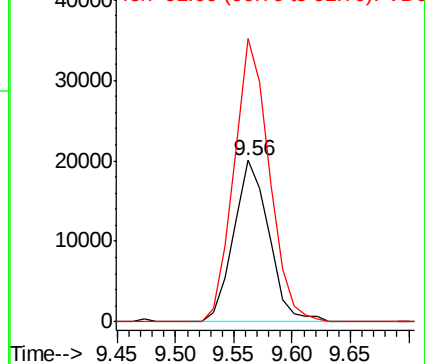
92 100

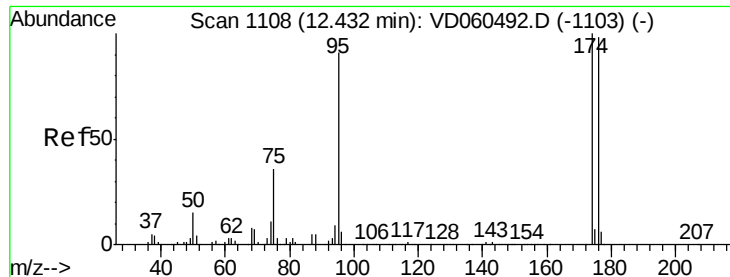
91 175.3 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

EB12_12-14

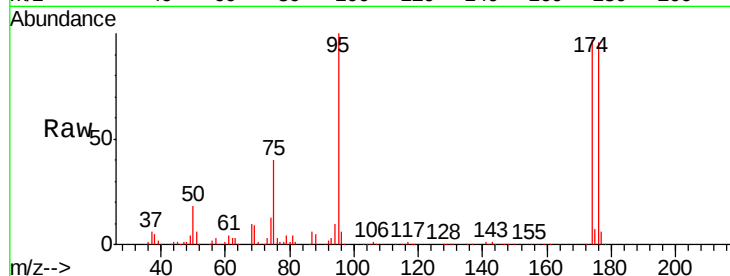
Tgt Ion: 95 Resp: 707166

Ion Ratio Lower Upper

95 100

174 97.4 0.0 219.4

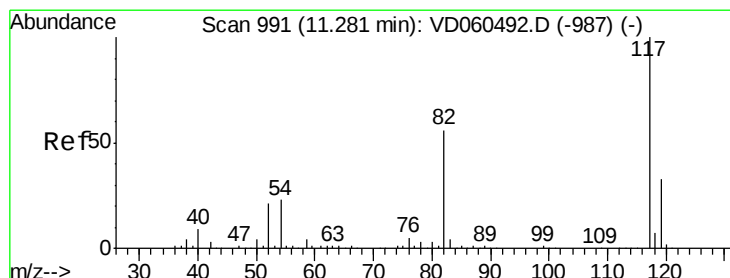
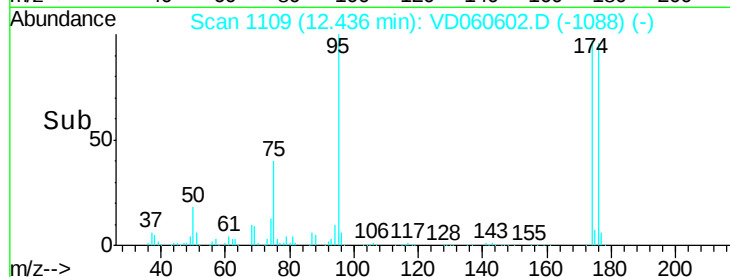
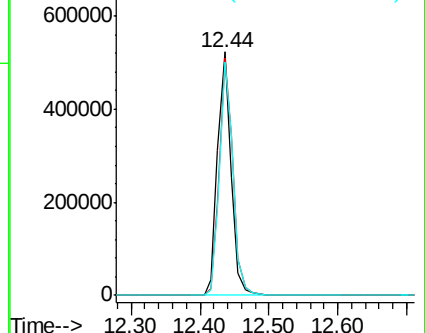
176 96.0 0.0 214.6



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: VD060602.D

Acq: 17 Dec 2018 16:30

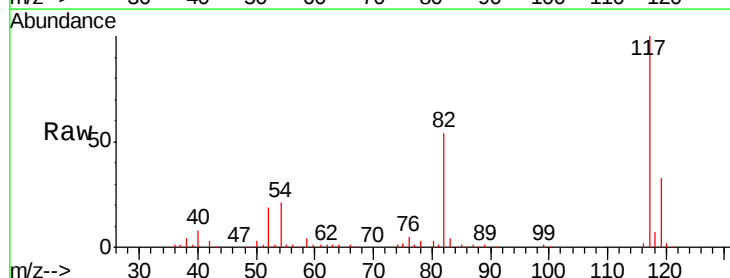
Tgt Ion: 117 Resp: 1591007

Ion Ratio Lower Upper

117 100

82 53.8 45.2 67.8

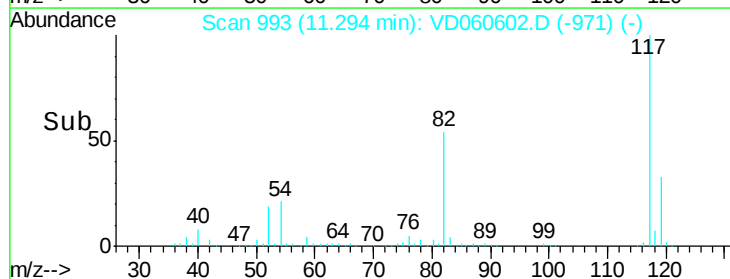
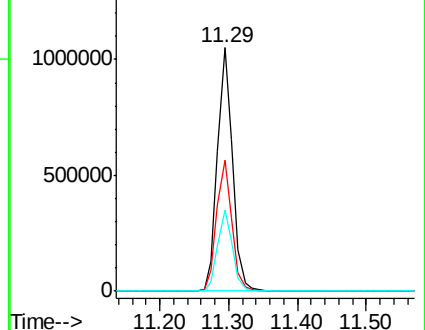
119 33.1 26.1 39.1

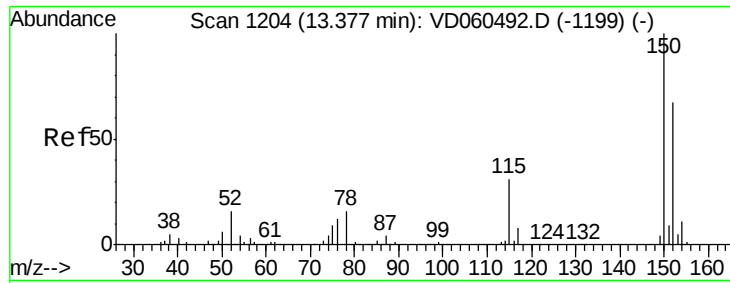


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

EB12_12-14

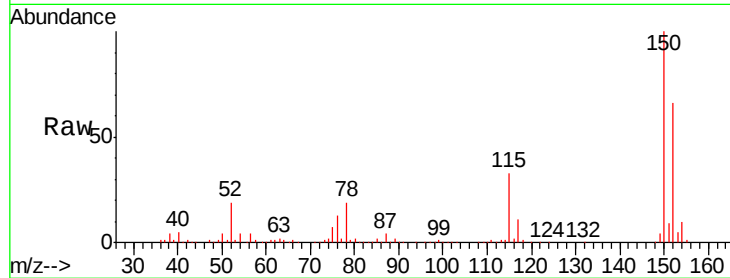
Tgt Ion:152 Resp: 821831

Ion Ratio Lower Upper

152 100

115 50.4 24.6 74.0

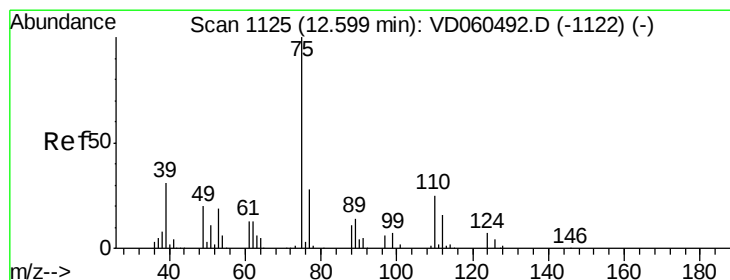
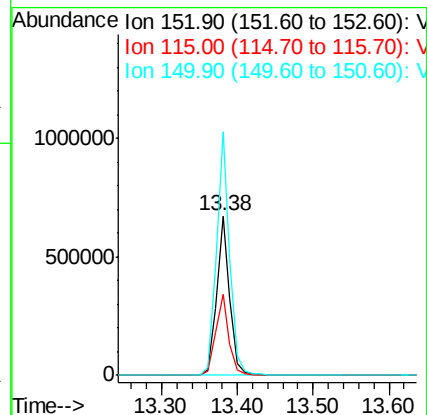
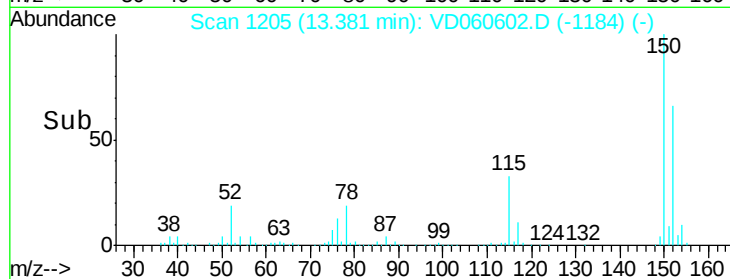
150 152.4 0.0 309.0



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: 30.091 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.16 min

Lab File: VD060602.D

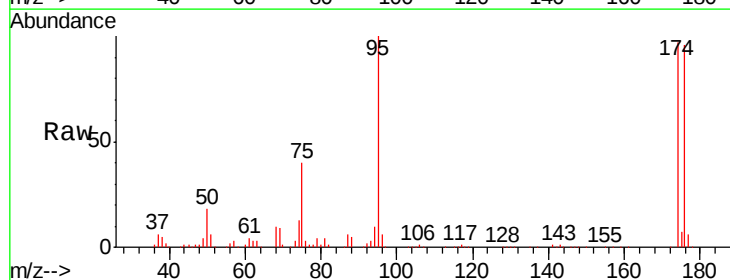
Acq: 17 Dec 2018 16:30

Tgt Ion: 75 Resp: 280207

Ion Ratio Lower Upper

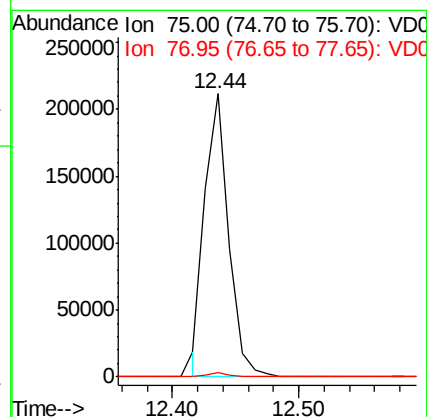
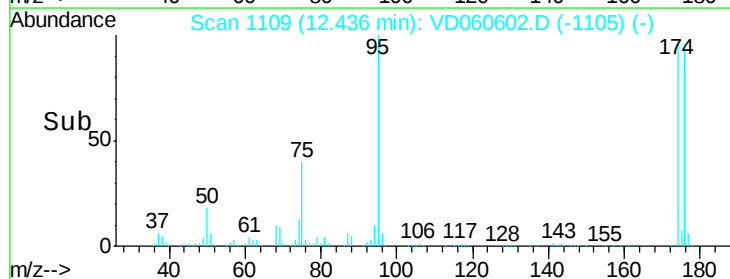
75 100

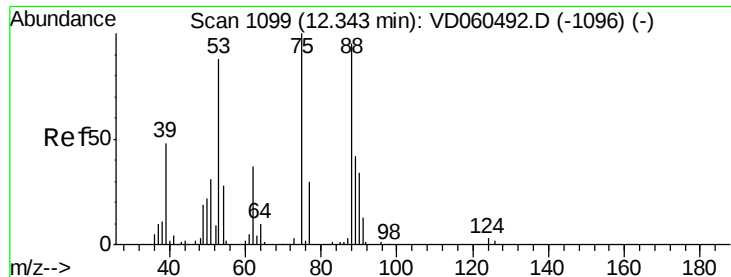
77 1.6 16.4 49.4#



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: 112.163 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

Lab File: VD060602.D

Acq: 17 Dec 2018 16:30

Instrument :

MSVOA_D

ClientSampleId :

EB12_12-14

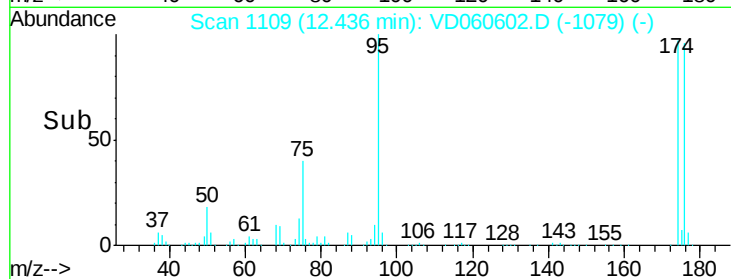
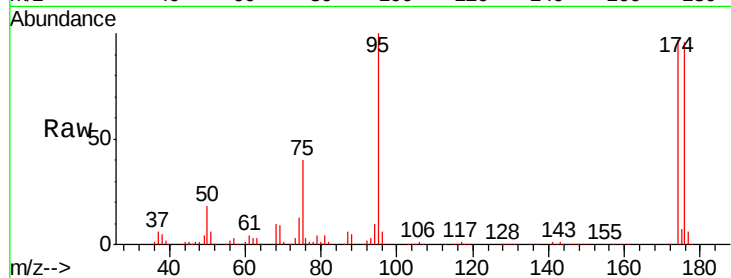
Tgt Ion: 75 Resp: 291301

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

