

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122218\
 Data File : VD060704.D
 Acq On : 22 Dec 2018 13:06
 Operator : VA/AP
 Sample : J6525-01RE
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1(5)RE

Quant Time: Dec 24 02:18:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1308448	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.47	114	1778919	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.30	117	1191114	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.39	152	393760	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	471046	52.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	6.35	113	634383	48.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	9.48	98	1668115	42.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.88%	
62) 4-Bromofluorobenzene	12.44	95	419873	30.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.72%	

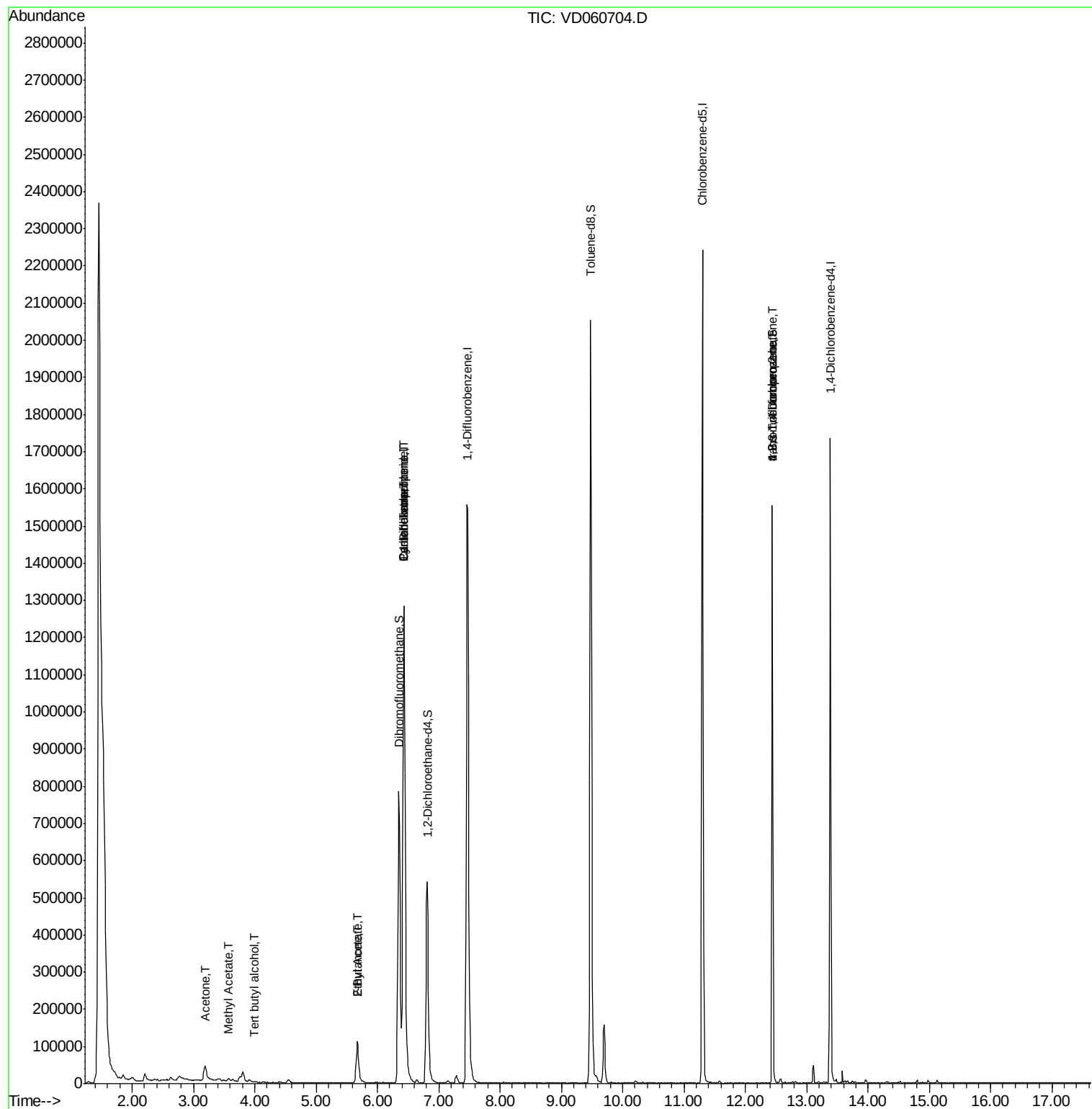
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.98	59	3515	9.301	ug/l #	74
16) Acetone	3.19	43	91828	58.152	ug/l	98
18) Methyl Acetate	3.57	43	8409	2.149	ug/l	99
25) 2-Butanone	5.66	43	16166	5.350	ug/l #	83
31) Cyclohexane	6.43	56	26498	1.160	ug/l #	1
36) 1,1-Dichloropropene	6.43	75	90998	4.968	ug/l #	45
37) Ethyl Acetate	5.66	43	16166	2.110	ug/l #	70
38) Carbon Tetrachloride	6.43	117	101017	6.251	ug/l #	15
76) 1,2,3-Trichloropropane	12.44	75	161248	35.970	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.44	75	170593	137.716	ug/l #	13

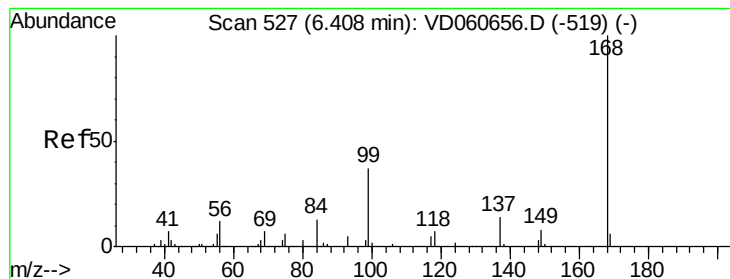
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122218\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 529

Delta R.T. 0.02 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

Instrument :

MSVOA_D

ClientSampleId :

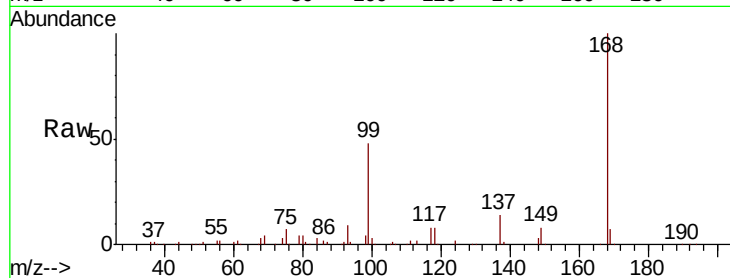
S-1(5)RE

Tot Ion:168 Resp: 1308448

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.43

500000

400000

300000

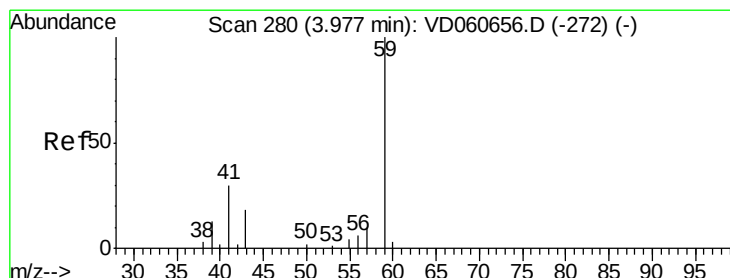
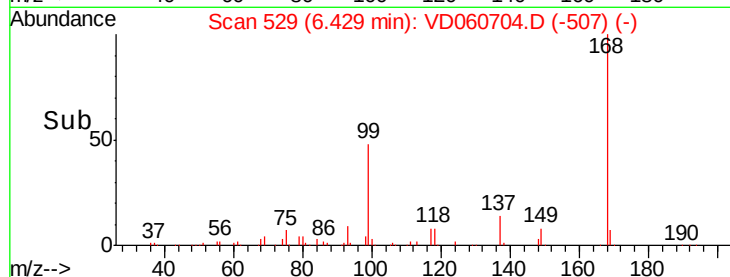
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#11

Tert butyl alcohol

Concen: 9.301 ug/l

RT: 3.98 min Scan# 280

Delta R.T. 0.00 min

Lab File: VD060704.D

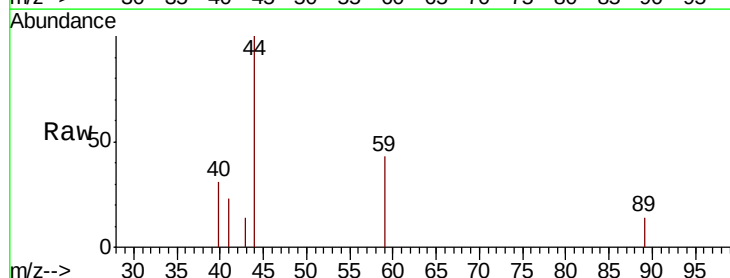
Acq: 22 Dec 2018 13:06

Tgt Ion: 59 Resp: 3515

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): V

Ion 56.95 (56.65 to 57.65): V

2000

1500

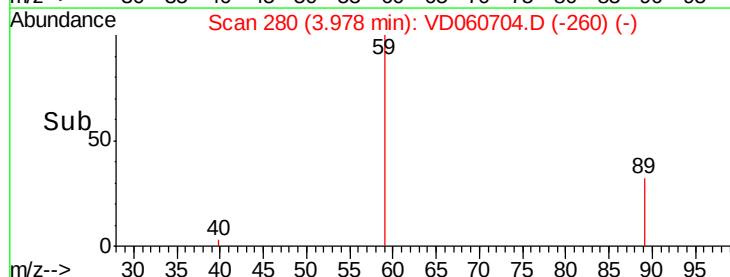
1000

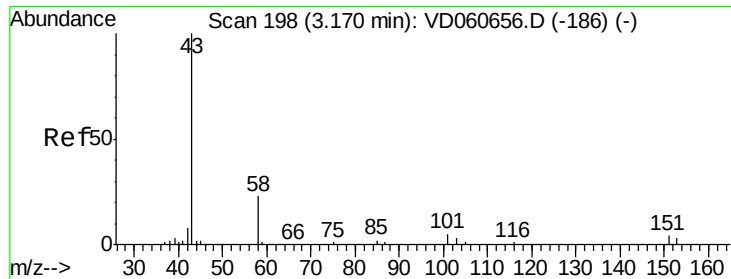
500

0

3.95 4.00 4.05 4.10

Time-->





#16

Acetone

Concen: 58.152 ug/l

RT: 3.19 min Scan# 200

Delta R.T. 0.02 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

Instrument :

MSVOA_D

ClientSampleId :

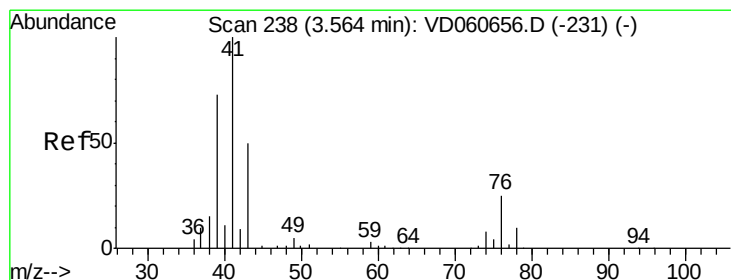
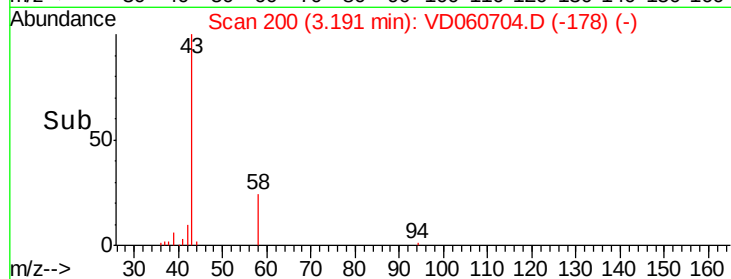
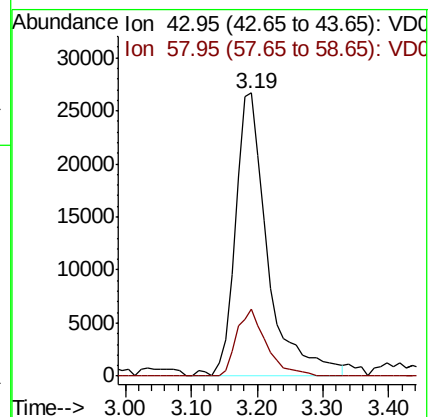
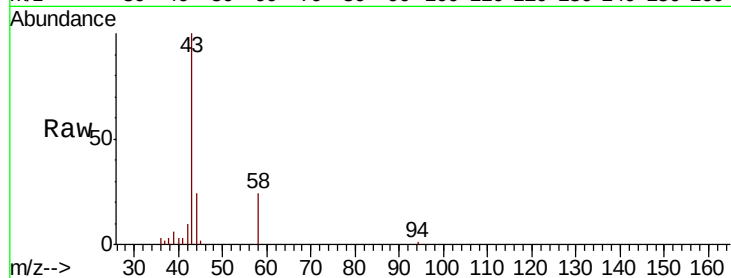
S-1(5)RE

Tot Ion: 43 Resp: 91828

Ion Ratio Lower Upper

43 100

58 23.8 18.2 27.2



#18

Methyl Acetate

Concen: 2.149 ug/l

RT: 3.57 min Scan# 239

Delta R.T. 0.01 min

Lab File: VD060704.D

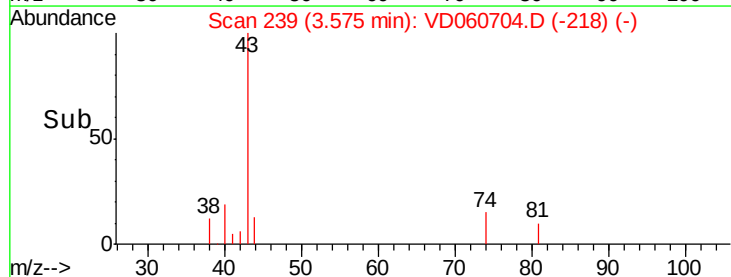
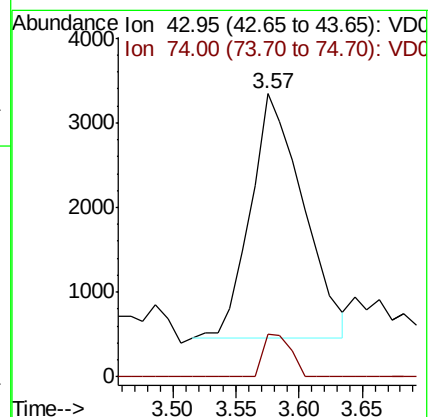
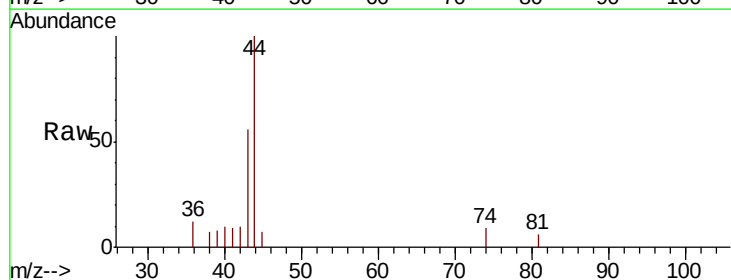
Acq: 22 Dec 2018 13:06

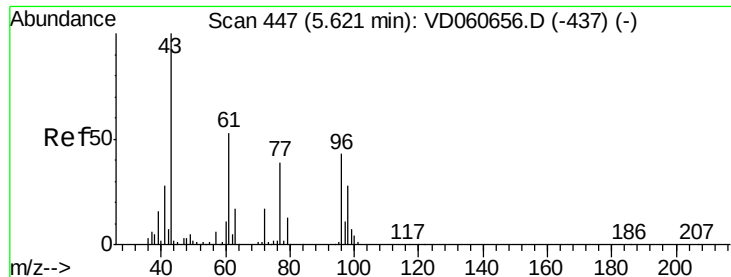
Tgt Ion: 43 Resp: 8409

Ion Ratio Lower Upper

43 100

74 15.2 12.4 18.6

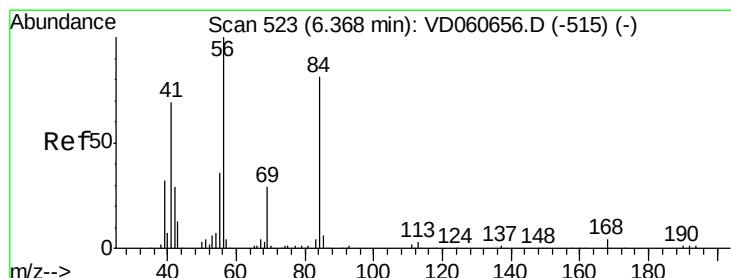
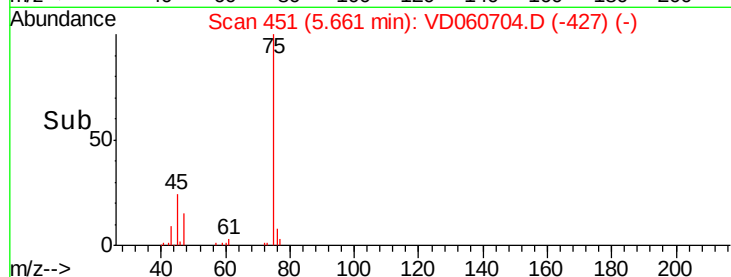
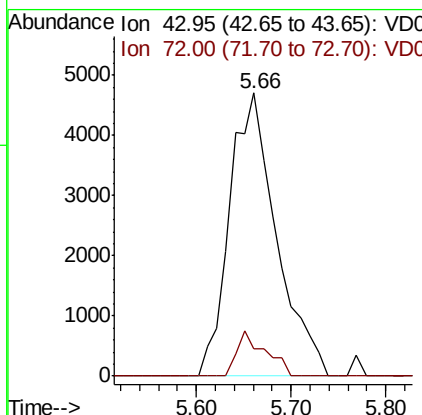
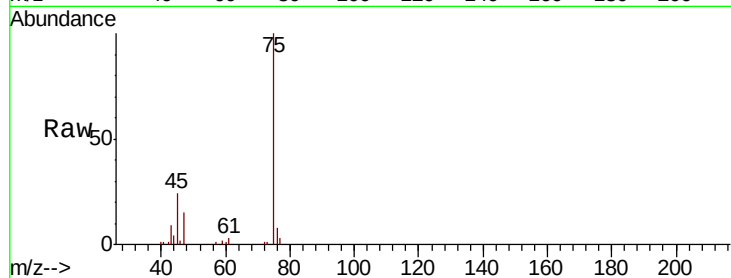




#25
2-Butanone
Concen: 5.350 ug/l
RT: 5.66 min Scan# 451
Delta R.T. 0.04 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

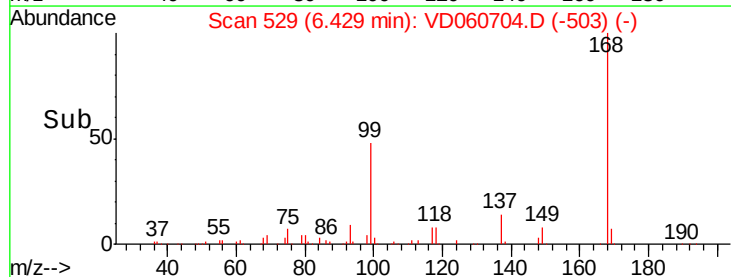
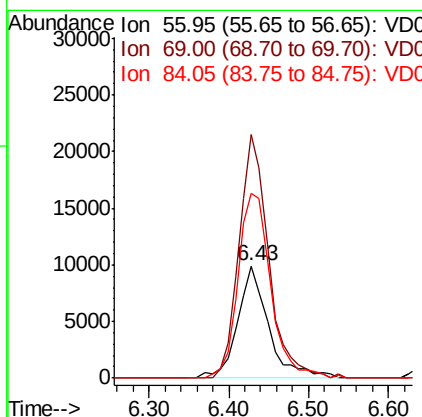
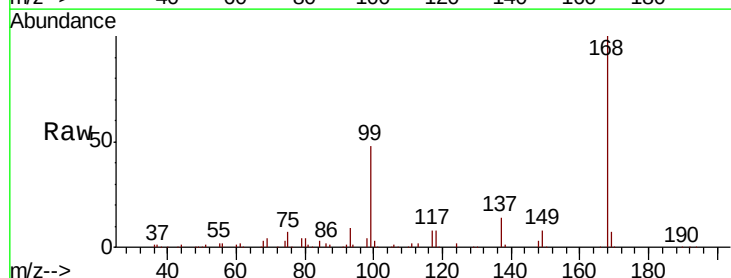
Instrument :
MSVOA_D
ClientSampleId :
S-1(5)RE

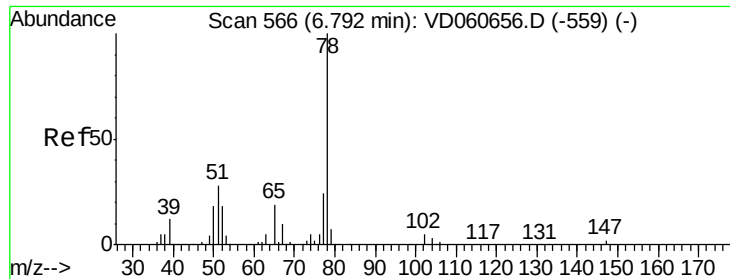
Tot Ion: 43 Resp: 16166
Ion Ratio Lower Upper
43 100
72 9.5 13.7 20.5#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 6.43 min Scan# 529
Delta R.T. 0.06 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Tgt Ion: 56 Resp: 26498
Ion Ratio Lower Upper
56 100
69 217.5 23.6 35.4#
84 165.2 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 568

Delta R.T. 0.02 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

Instrument :

MSVOA_D

ClientSampleId :

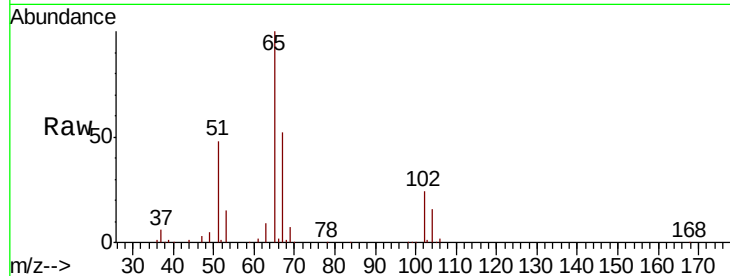
S-1(5)RE

Tot Ion: 65 Resp: 471046

Ion Ratio Lower Upper

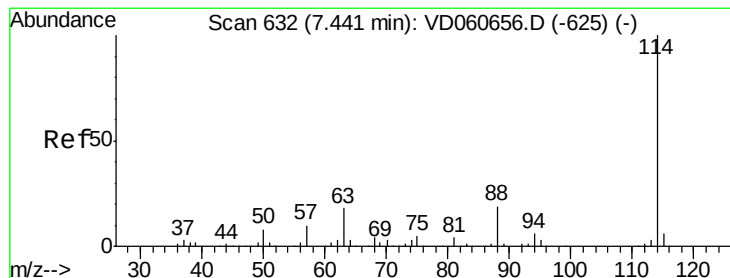
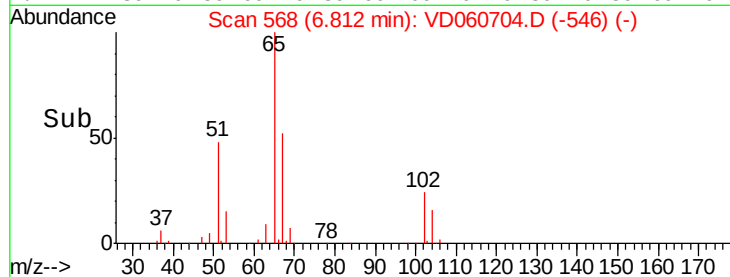
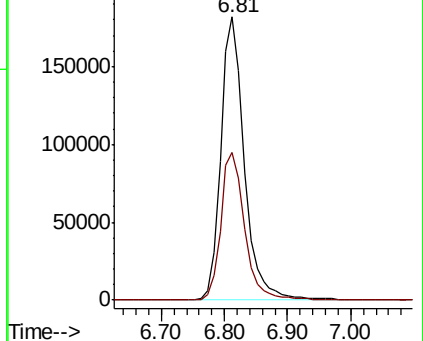
65 100

67 52.1 0.0 105.4



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# 635

Delta R.T. 0.03 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

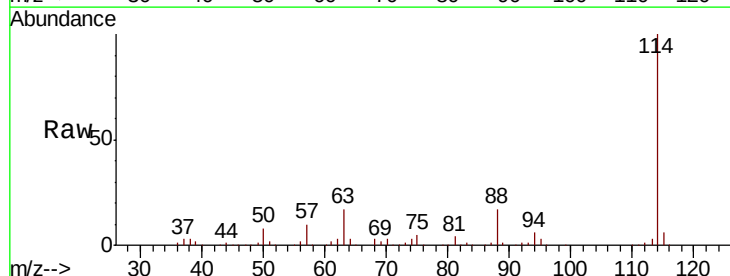
Tgt Ion:114 Resp: 1778919

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.2

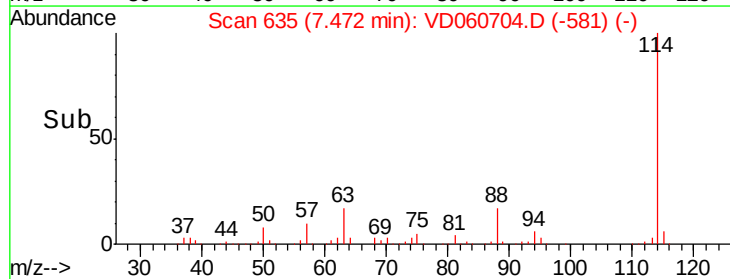
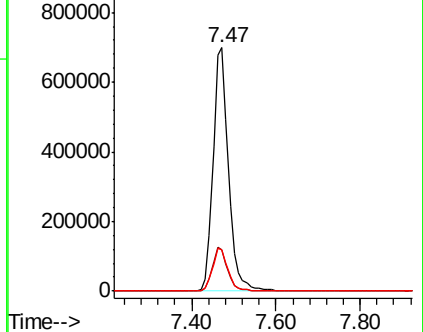
88 17.2 0.0 37.0

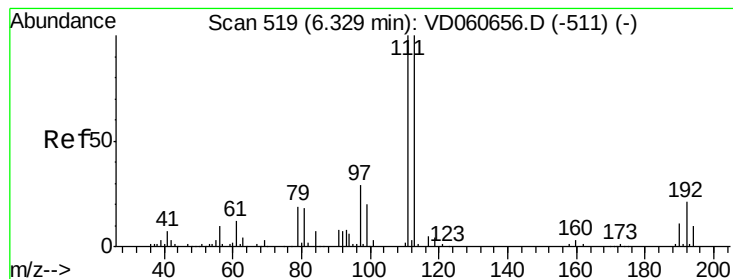


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.35 min Scan# 521

Delta R.T. 0.02 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

Instrument :

MSVOA_D

ClientSampleId :

S-1(5)RE

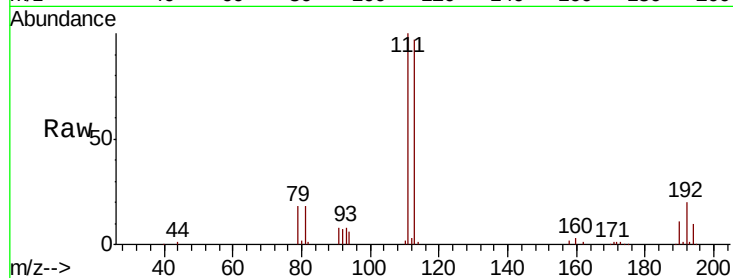
Tot Ion:113 Resp: 634383

Ion Ratio Lower Upper

113 100

111 103.5 80.0 120.0

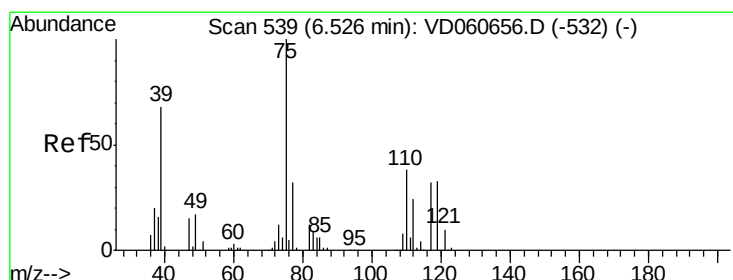
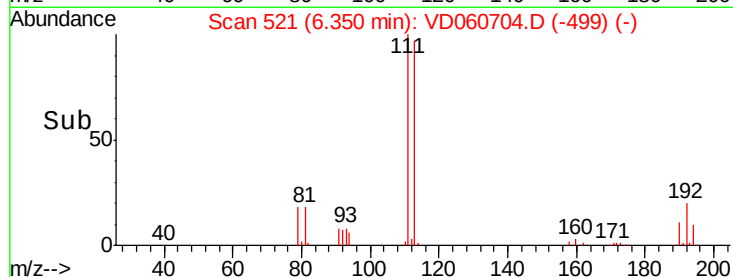
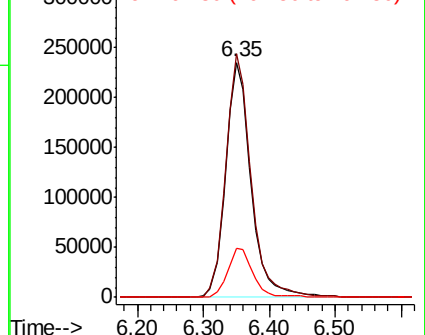
192 20.7 16.6 25.0



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: 4.968 ug/l

RT: 6.43 min Scan# 529

Delta R.T. -0.10 min

Lab File: VD060704.D

Acq: 22 Dec 2018 13:06

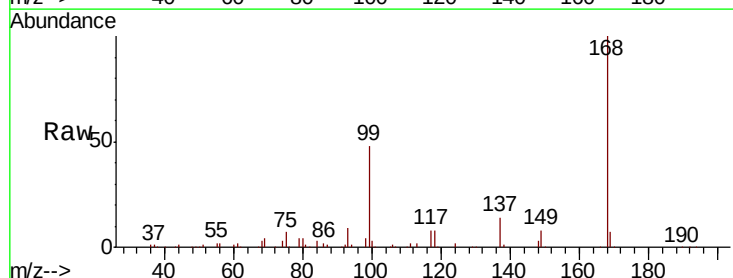
Tgt Ion: 75 Resp: 90998

Ion Ratio Lower Upper

75 100

110 6.1 18.9 56.7#

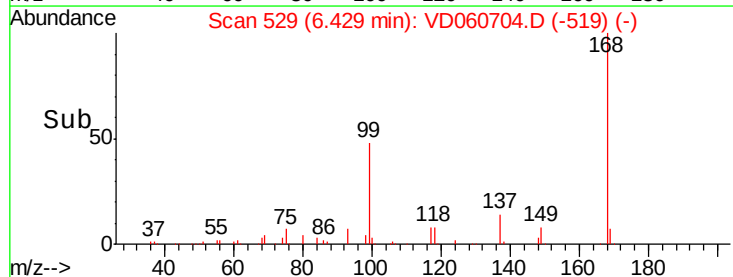
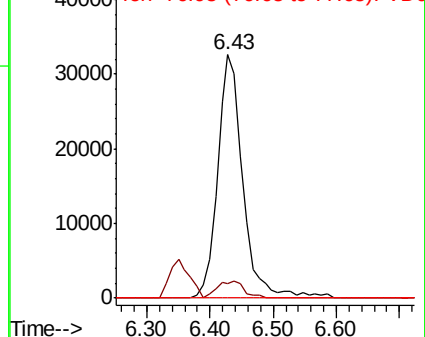
77 0.0 25.4 38.0#

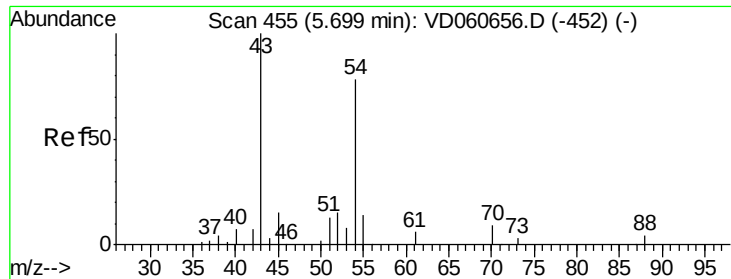


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

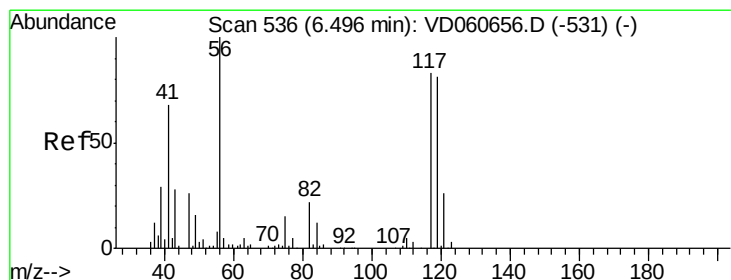
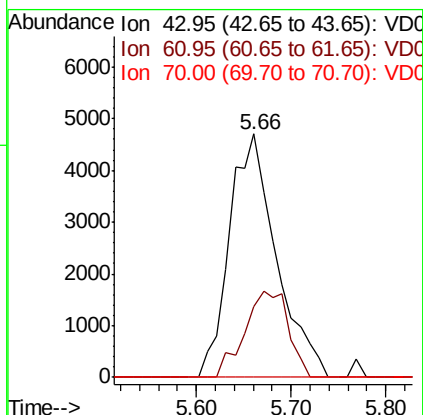
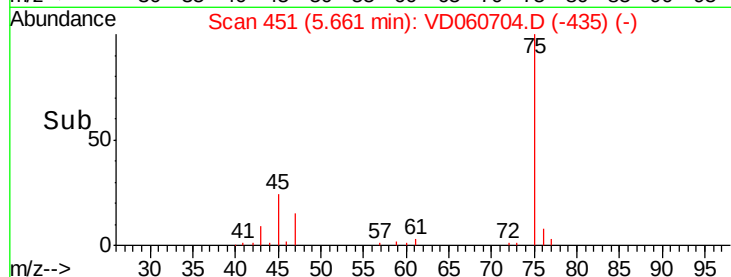
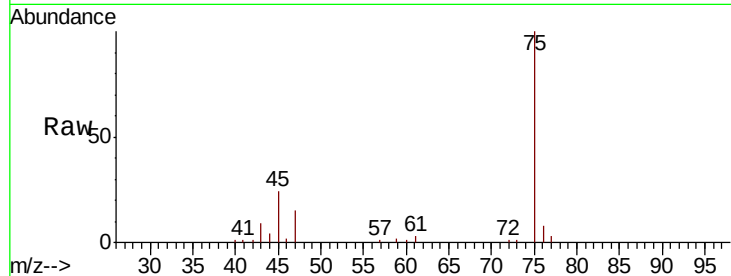




#37
Ethyl Acetate
Concen: 2.110 ug/l
RT: 5.66 min Scan# 451
Delta R.T. -0.04 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

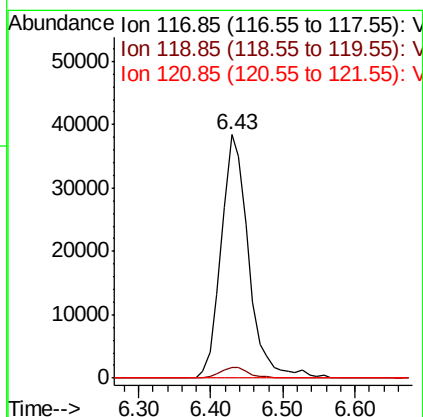
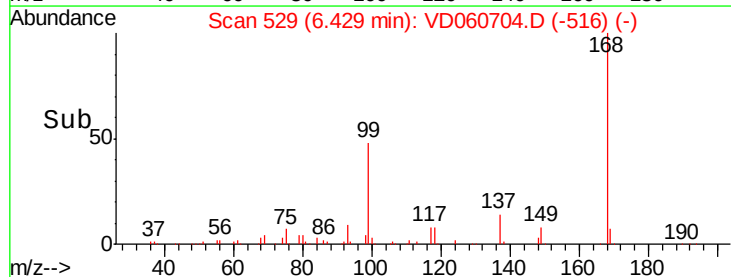
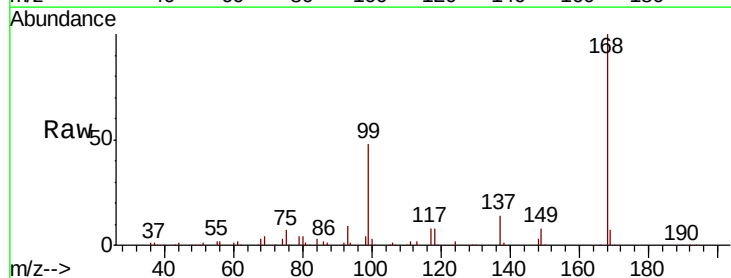
Instrument :
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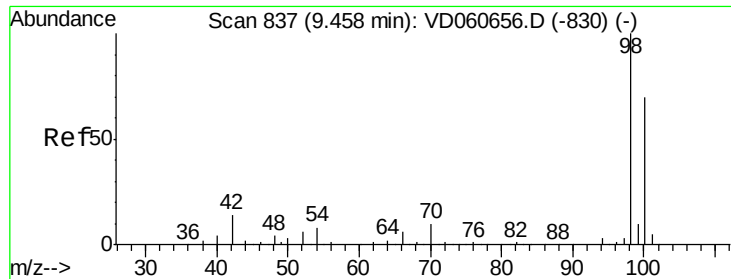
Tot Ion: 43 Resp: 16166
Ion Ratio Lower Upper
43 100
61 29.1 11.8 17.6#
70 0.0 5.8 8.6#



#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 6.43 min Scan# 529
Delta R.T. -0.07 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Tgt Ion: 117 Resp: 101017
Ion Ratio Lower Upper
117 100
119 4.3 77.0 115.4#
121 0.0 24.7 37.1#

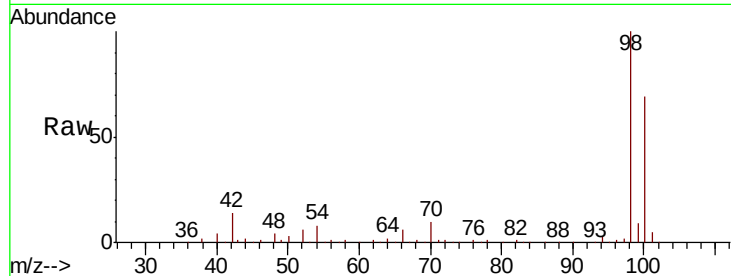




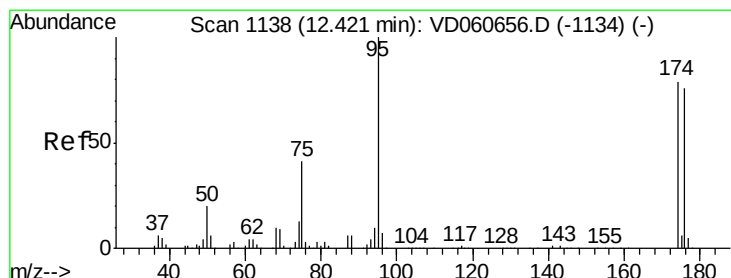
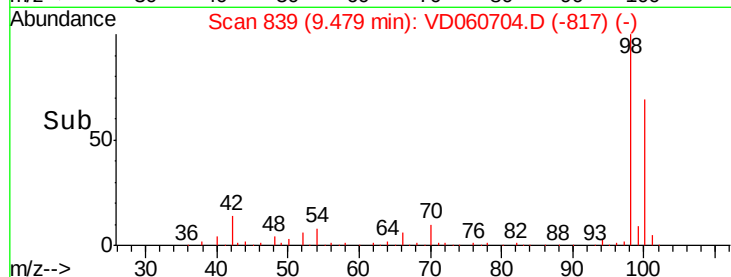
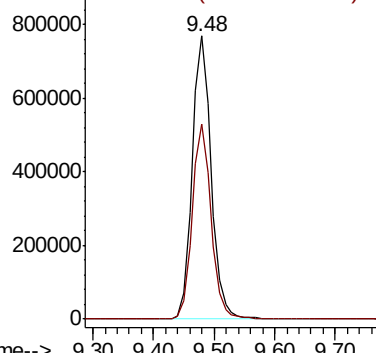
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 839
Delta R.T. 0.02 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Instrument :
MSVOA_D
ClientSampleId :
S-1(5)RE

Tot Ion: 98 Resp: 1668115
Ion Ratio Lower Upper
98 100
100 68.7 55.8 83.8

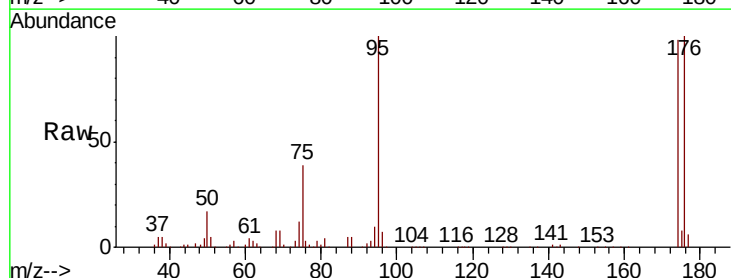


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

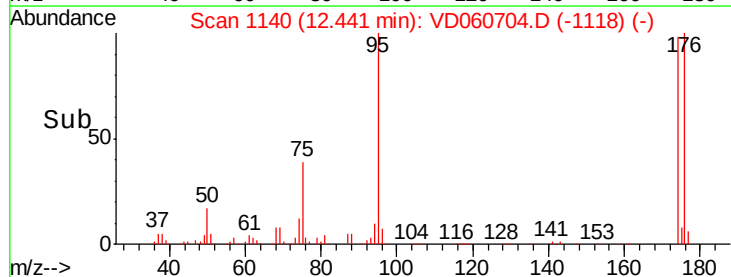
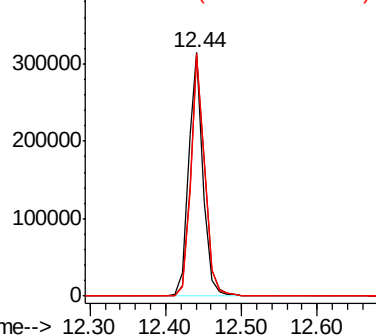


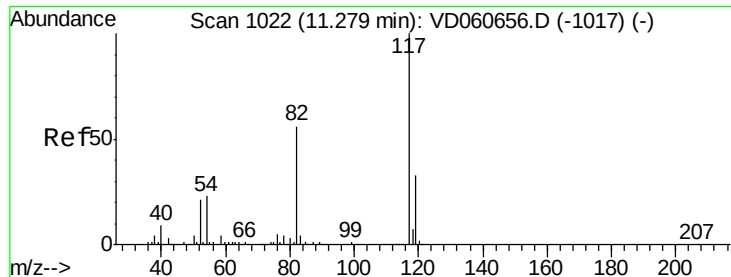
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Tgt Ion: 95 Resp: 419873
Ion Ratio Lower Upper
95 100
174 98.2 0.0 158.2
176 99.6 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

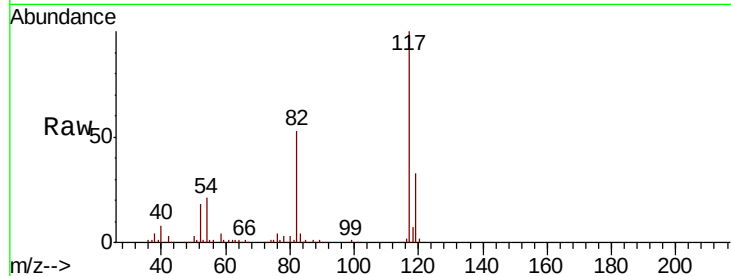




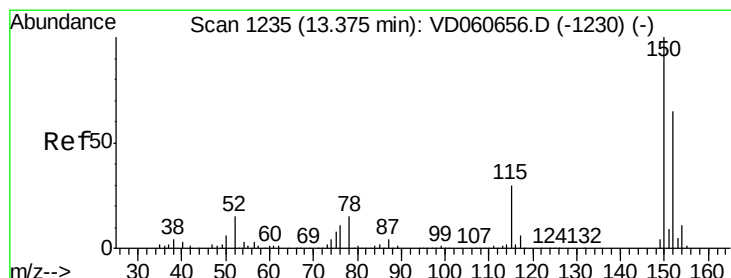
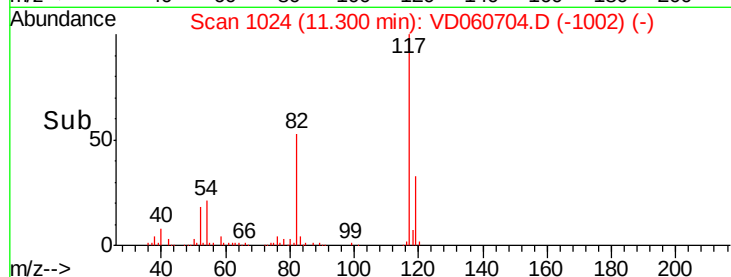
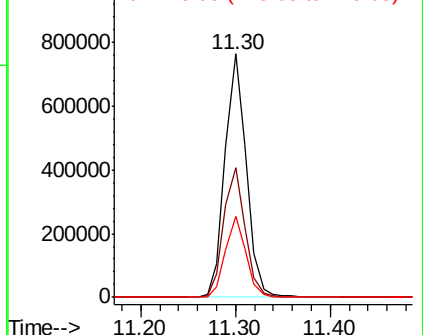
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Instrument :
MSVOA_D
ClientSampleId :
S-1(5)RE

Tot Ion:117 Resp: 1191114
Ion Ratio Lower Upper
117 100
82 53.5 44.5 66.7
119 33.1 26.3 39.5

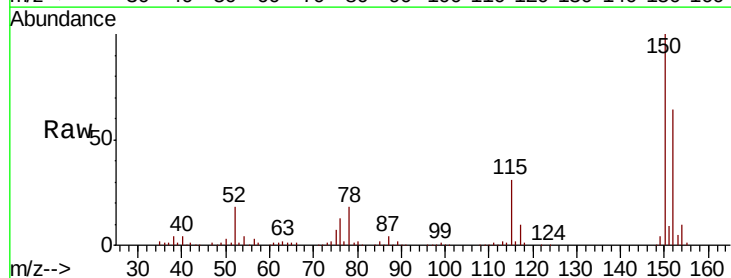


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

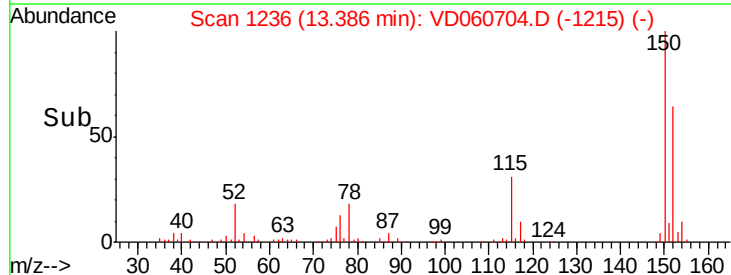
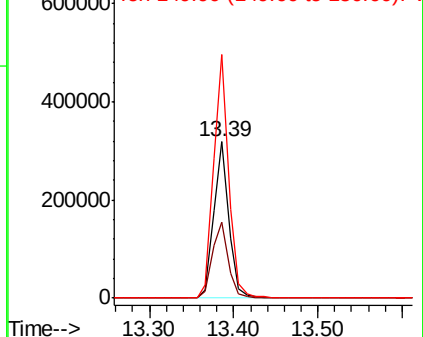


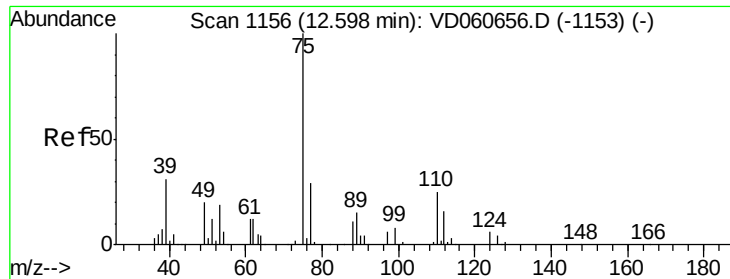
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060704.D
Acq: 22 Dec 2018 13:06

Tgt Ion:152 Resp: 393760
Ion Ratio Lower Upper
152 100
115 48.5 24.1 72.3
150 155.5 0.0 315.0



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

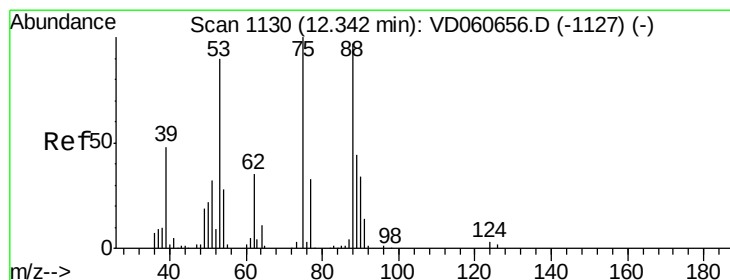
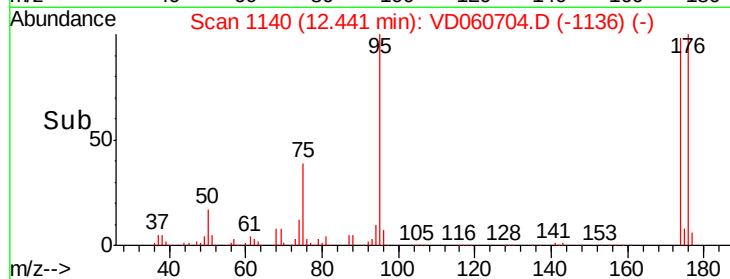
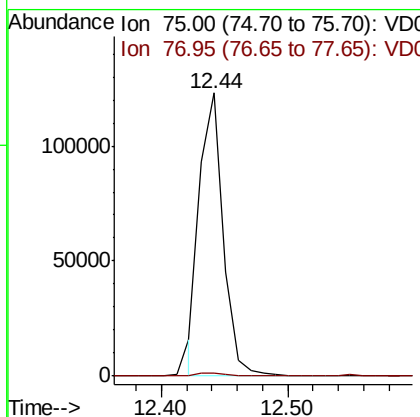
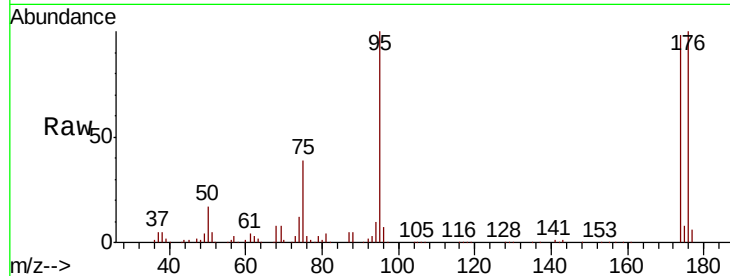




#76
 1,2,3-Trichloropropane
 Concen: 35.970 ug/l
 RT: 12.44 min Scan# 1140
 Delta R.T. -0.16 min
 Lab File: VD060704.D
 Acq: 22 Dec 2018 13:06

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1(5)RE

Tot Ion: 75 Resp: 161248
 Ion Ratio Lower Upper
 75 100
 77 1.3 16.7 50.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.716 ug/l
 RT: 12.44 min Scan# 1140
 Delta R.T. 0.10 min
 Lab File: VD060704.D
 Acq: 22 Dec 2018 13:06

Tgt Ion: 75 Resp: 170593
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.1 108.1#
 89 0.0 35.1 52.7#

