

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060268.D
 Acq On : 1 Nov 2018 18:00
 Operator : VA/AP
 Sample : J5759-21
 Misc : 6.24g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: Nov 02 02:42:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	102385	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	165965	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	147123	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	69126	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	69157	89.11	ug/l	0.03
Spiked Amount			Recovery	=	178.22%	
35) Dibromofluoromethane	6.32	113	66940	53.11	ug/l	0.03
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	9.46	98	149558	41.62	ug/l	0.03
Spiked Amount			Recovery	=	83.24%	
62) 4-Bromofluorobenzene	12.43	95	55821	41.48	ug/l	0.00
Spiked Amount			Recovery	=	82.96%	

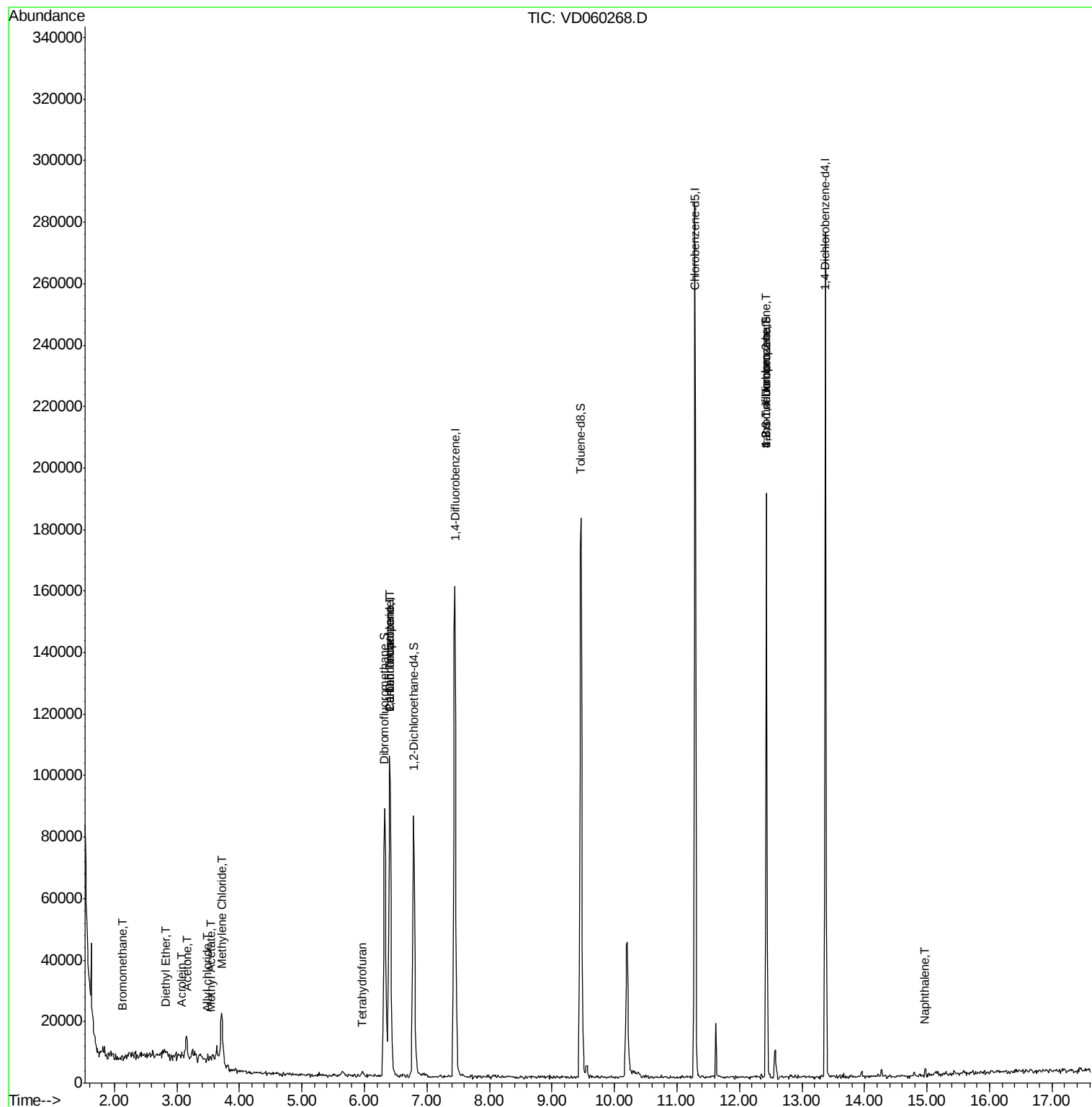
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	694	7.777	ug/l #	1
8) Diethyl Ether	2.82	74	713	4.075	ug/l	73
13) Acrolein	3.08	56	193	5.625	ug/l #	14
14) Allyl chloride	3.48	41	1640	1.891	ug/l #	71
16) Acetone	3.16	43	11183	79.411	ug/l #	71
18) Methyl Acetate	3.53	43	879	2.904	ug/l #	63
20) Methylene Chloride	3.72	84	9633	4.803	ug/l #	88
29) Tetrahydrofuran	5.96	42	1044	5.109	ug/l #	41
36) 1,1-Dichloropropene	6.40	75	7079	4.464	ug/l #	40
38) Carbon Tetrachloride	6.40	117	7665	5.325	ug/l #	11
76) 1,2,3-Trichloropropane	12.43	75	22309	22.410	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.43	75	22525	80.526	ug/l #	13
95) Naphthalene	14.97	128	2632	1.078	ug/l #	70

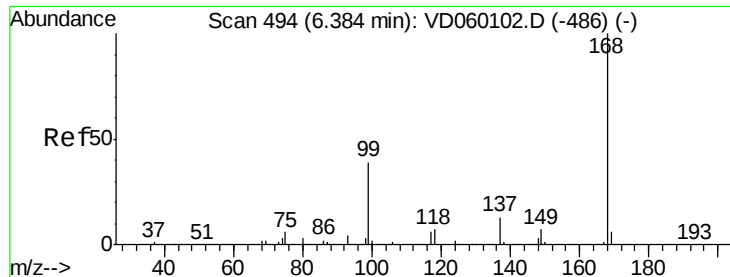
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060268.D

Acq: 1 Nov 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

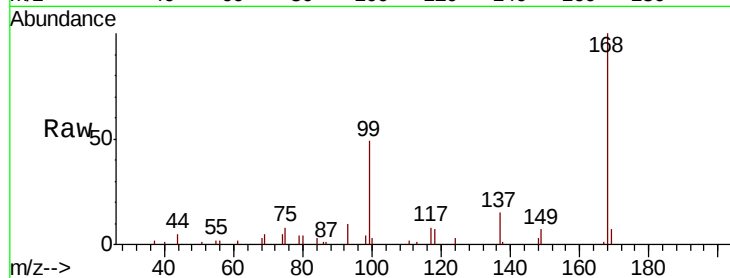
TP-6

Tgt Ion:168 Resp: 102385

Ion Ratio Lower Upper

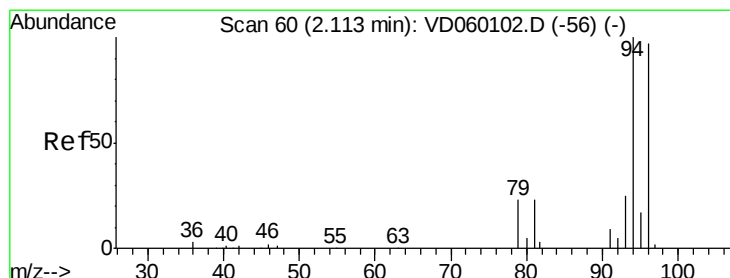
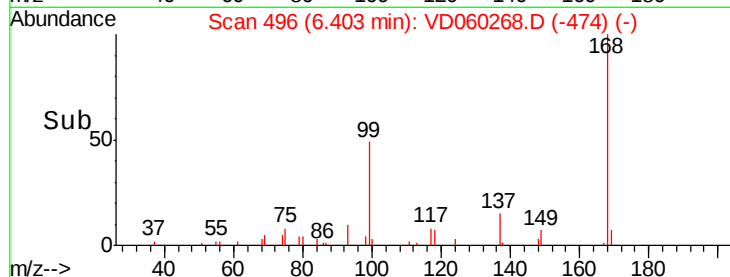
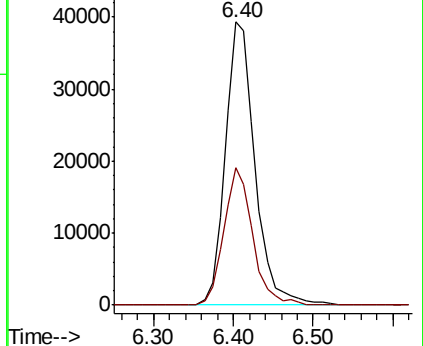
168 100

99 48.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 7.777 ug/l

RT: 2.13 min Scan# 62

Delta R.T. 0.02 min

Lab File: VD060268.D

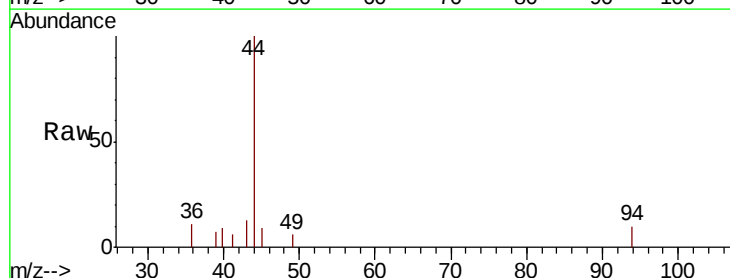
Acq: 1 Nov 2018 18:00

Tgt Ion: 94 Resp: 694

Ion Ratio Lower Upper

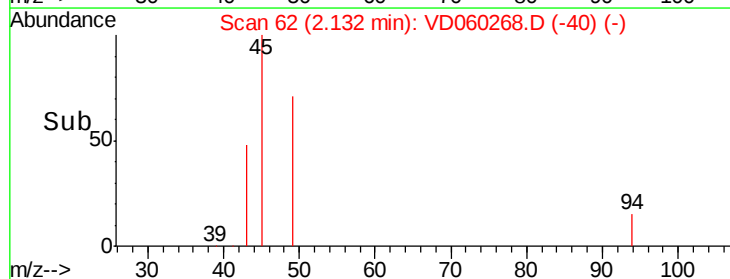
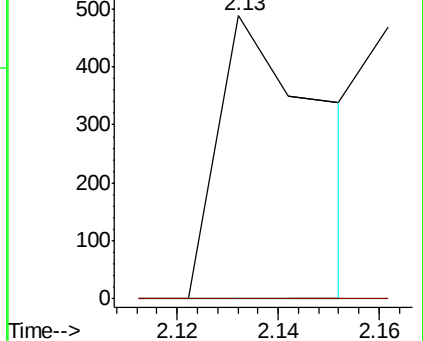
94 100

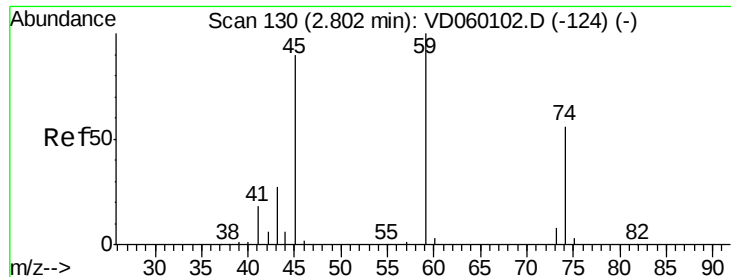
96 0.0 77.4 116.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#8

Diethyl Ether

Concen: 4.075 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060268.D

Acq: 1 Nov 2018 18:00

Instrument :

MSVOA_D

ClientSampled :

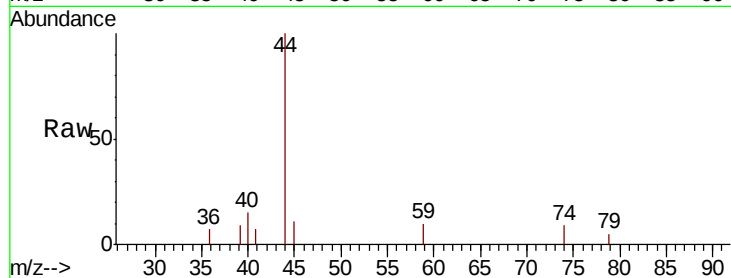
TP-6

Tgt Ion: 74 Resp: 713

Ion Ratio Lower Upper

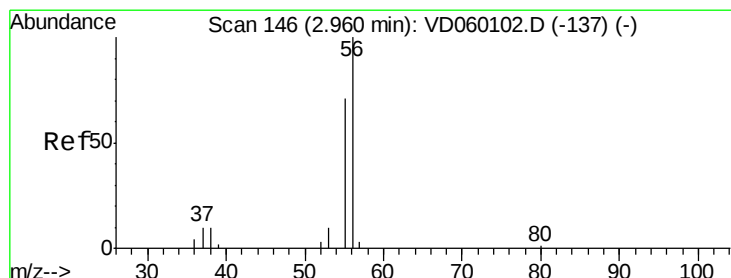
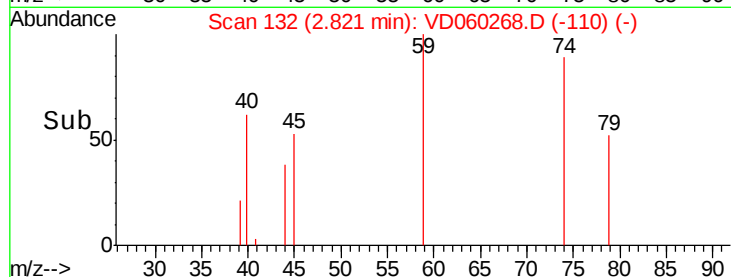
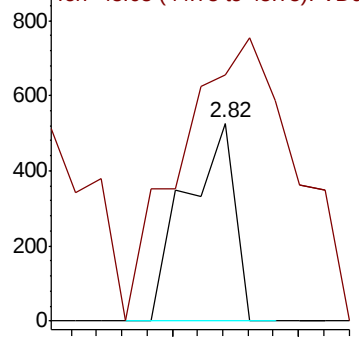
74 100

45 124.7 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#13

Acrolein

Concen: 5.625 ug/l

RT: 3.08 min Scan# 158

Delta R.T. 0.12 min

Lab File: VD060268.D

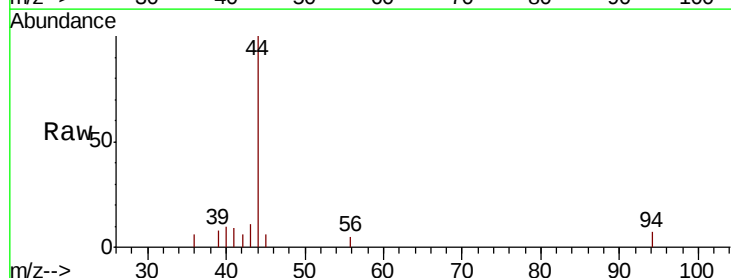
Acq: 1 Nov 2018 18:00

Tgt Ion: 56 Resp: 193

Ion Ratio Lower Upper

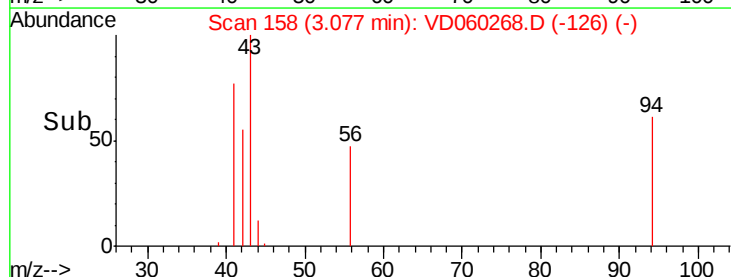
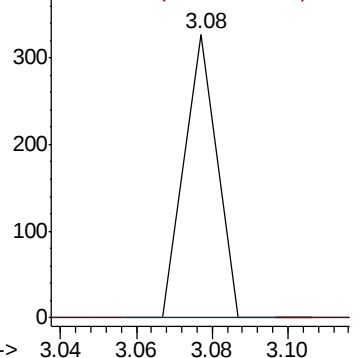
56 100

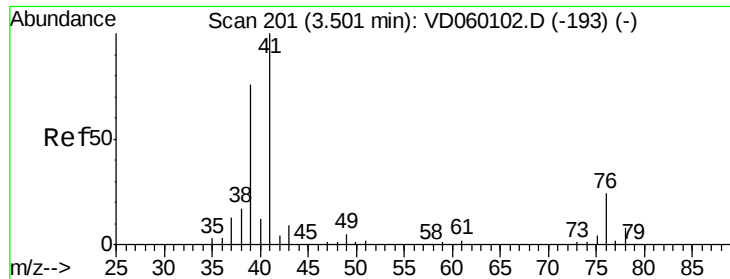
55 0.0 57.4 86.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

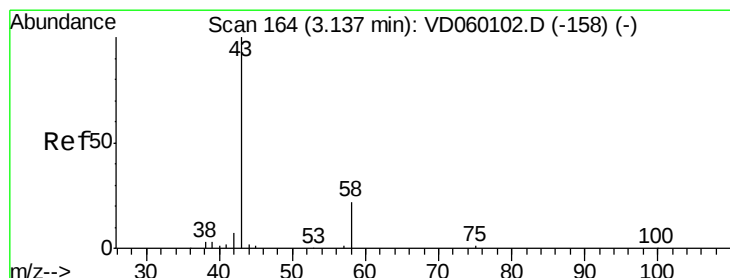
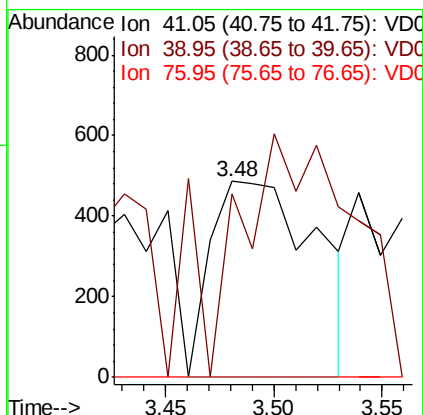
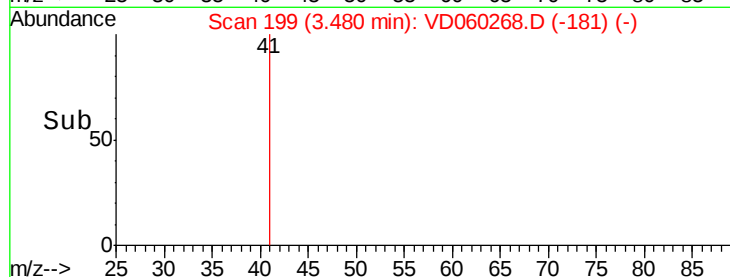
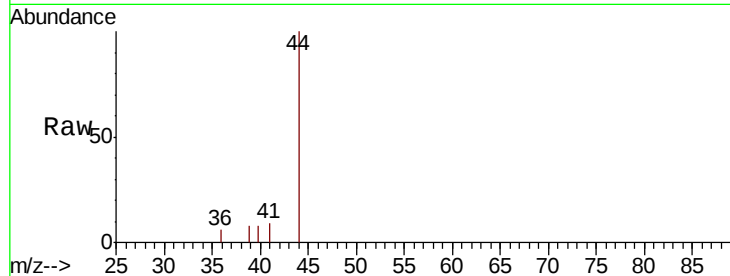




#14
 Allyl chloride
 Concen: 1.891 ug/l
 RT: 3.48 min Scan# 199
 Delta R.T. -0.02 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

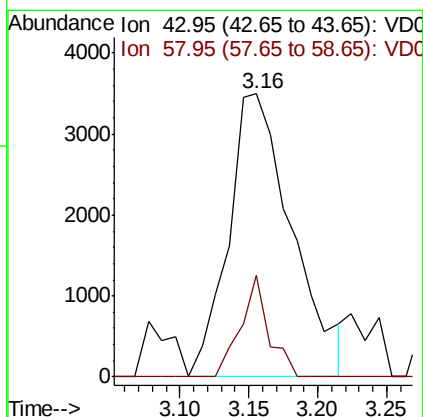
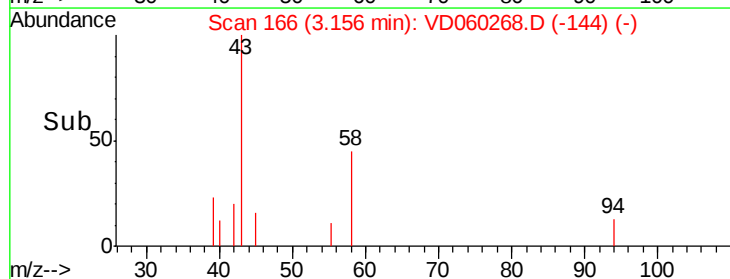
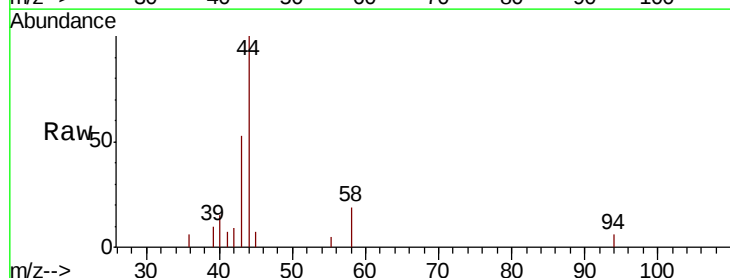
Instrument :
 MSVOA_D
 ClientSampled :
 TP-6

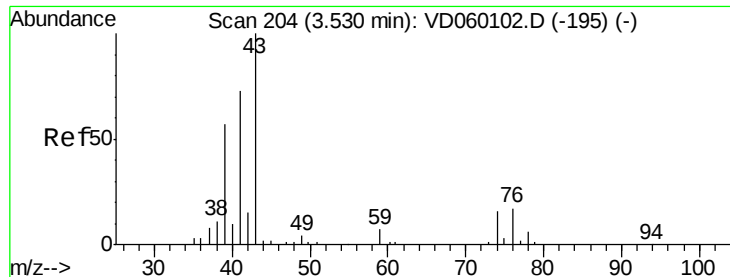
Tgt Ion: 41 Resp: 1640
 Ion Ratio Lower Upper
 41 100
 39 93.6 60.6 90.8#
 76 0.0 21.3 31.9#



#16
 Acetone
 Concen: 79.411 ug/l
 RT: 3.16 min Scan# 166
 Delta R.T. 0.02 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

Tgt Ion: 43 Resp: 11183
 Ion Ratio Lower Upper
 43 100
 58 36.0 17.7 26.5#

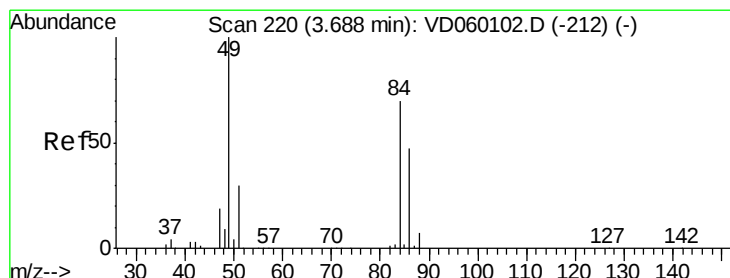
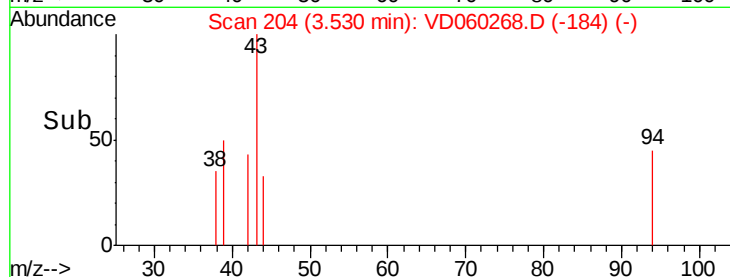
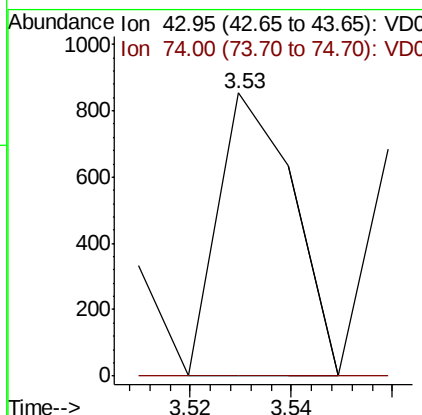
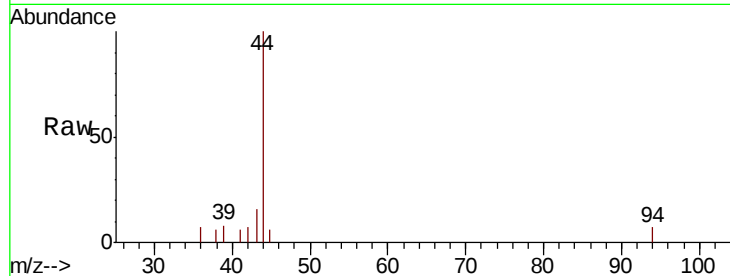




#18
Methyl Acetate
Concen: 2.904 ug/l
RT: 3.53 min Scan# 204
Delta R.T. -0.00 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

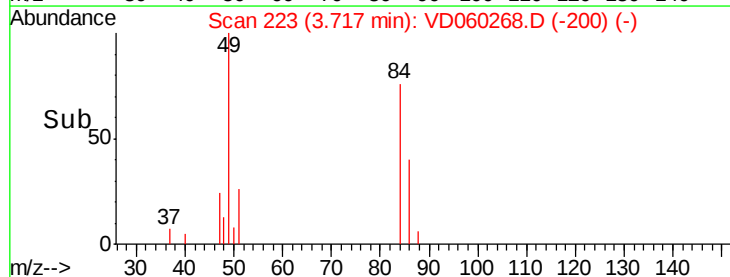
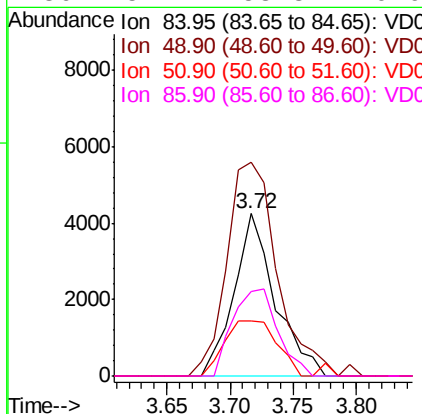
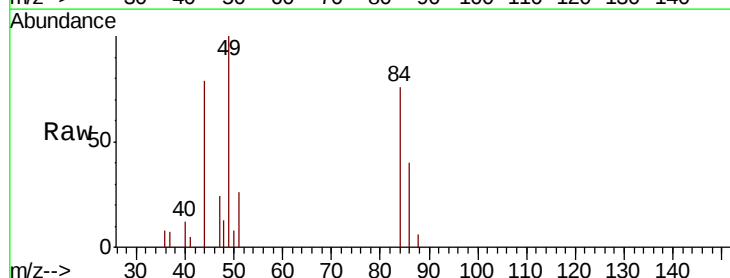
Instrument :
MSVOA_D
ClientSampleID :
TP-6

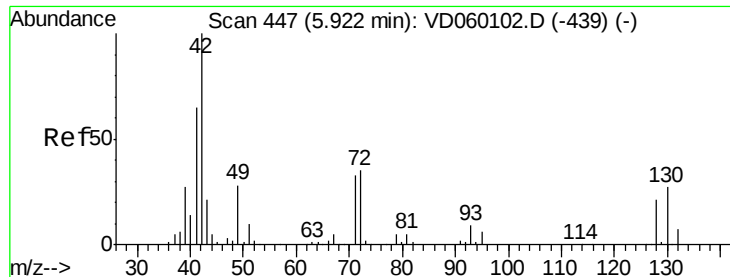
Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#



#20
Methylene Chloride
Concen: 4.803 ug/l
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Tgt Ion: 84 Resp: 9633
Ion Ratio Lower Upper
84 100
49 131.5 114.6 172.0
51 34.0 33.8 50.8
86 52.1 53.3 79.9#





#29

Tetrahydrofuran

Concen: 5.109 ug/l

RT: 5.96 min Scan# 451

Delta R.T. 0.04 min

Lab File: VD060268.D

Acq: 1 Nov 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

TP-6

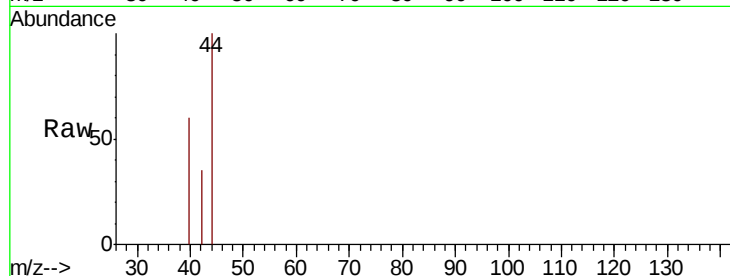
Tgt Ion: 42 Resp: 1044

Ion Ratio Lower Upper

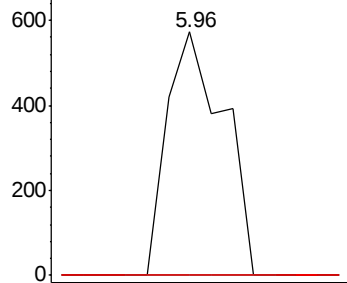
42 100

72 0.0 26.9 40.3#

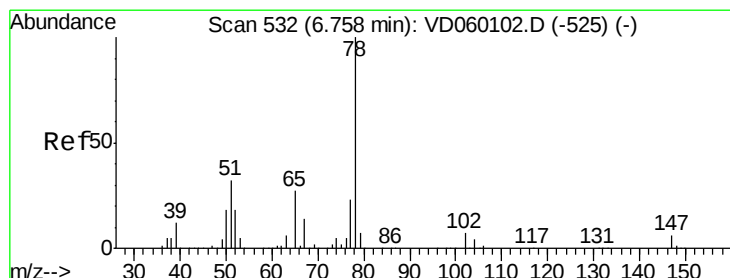
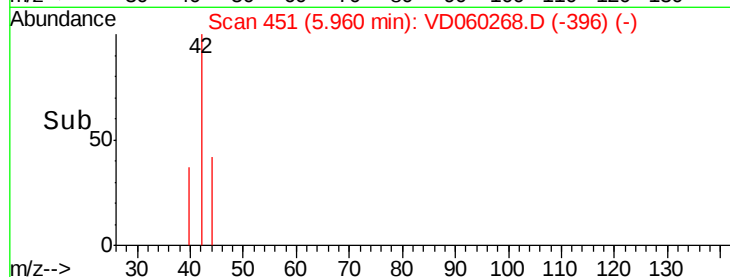
71 0.0 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060268.D

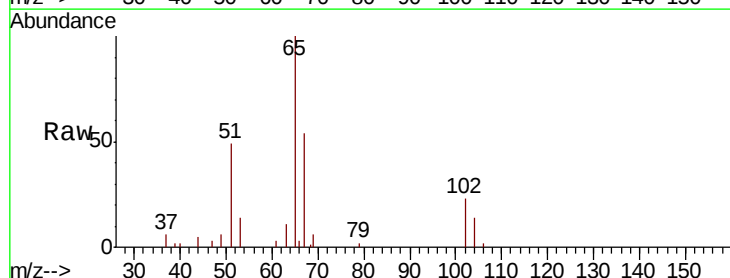
Acq: 1 Nov 2018 18:00

Tgt Ion: 65 Resp: 69157

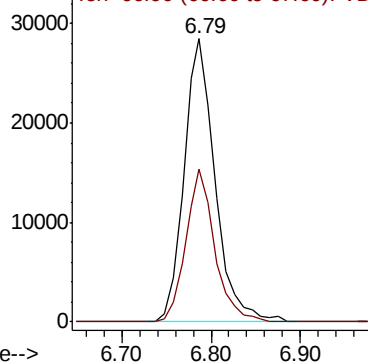
Ion Ratio Lower Upper

65 100

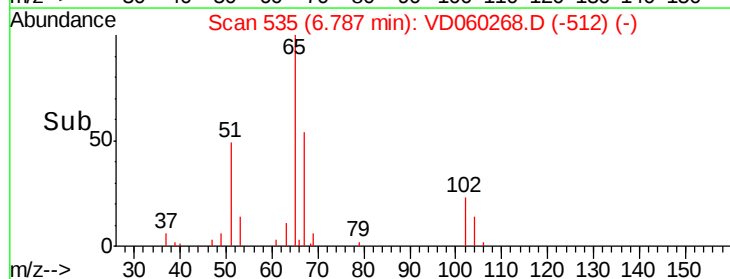
67 54.1 0.0 106.2

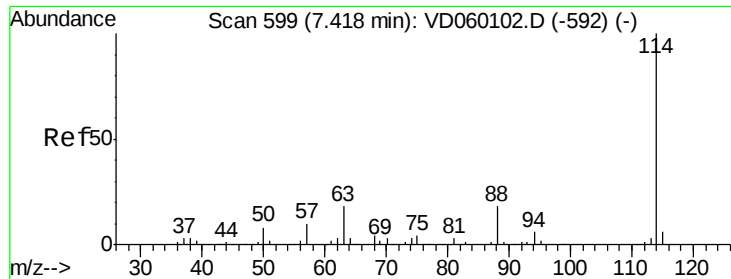


Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



Time-->

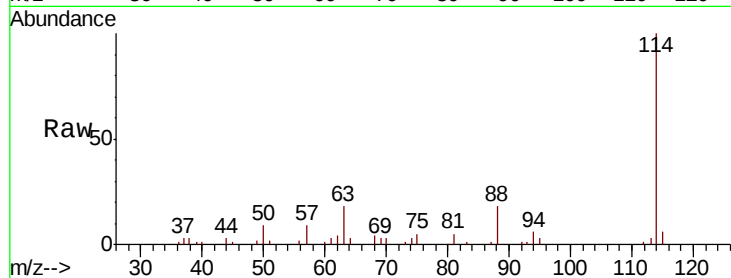




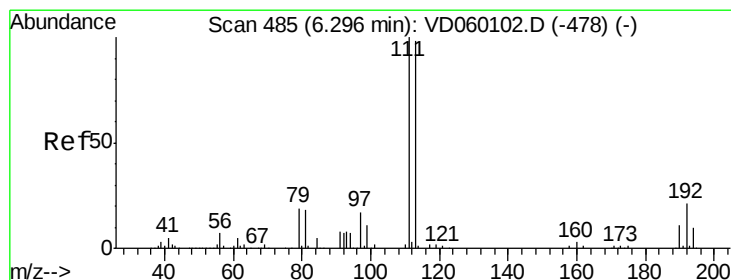
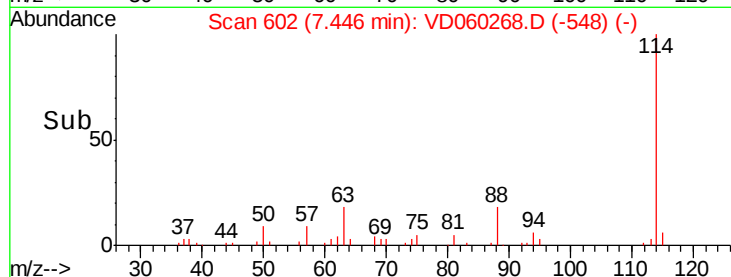
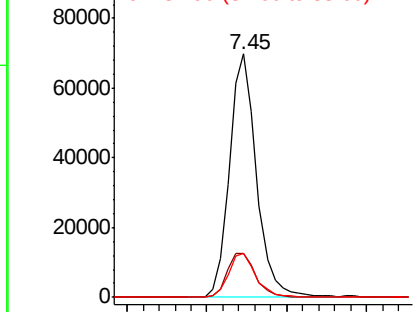
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Tgt Ion:114 Resp: 165965
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 17.9 0.0 36.2

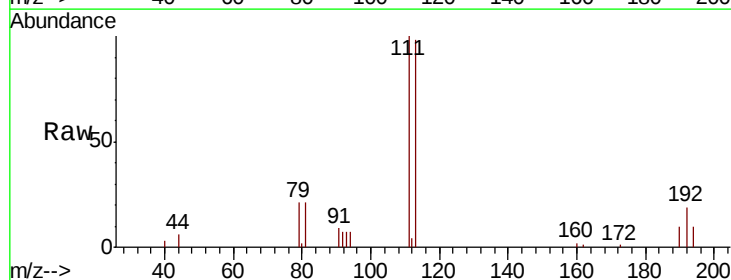


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

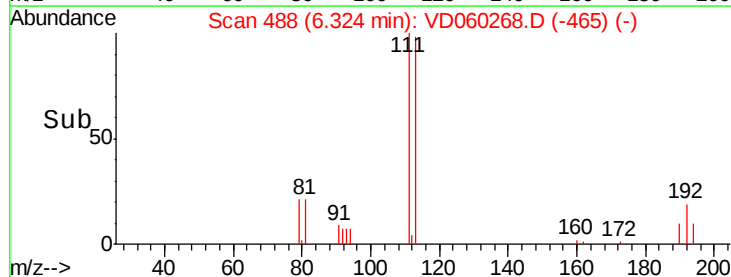
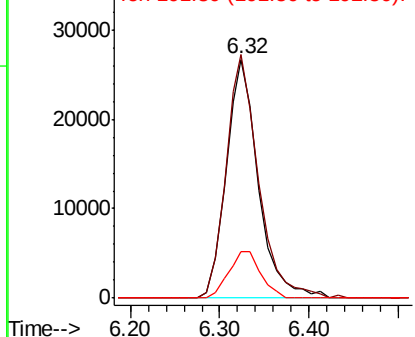


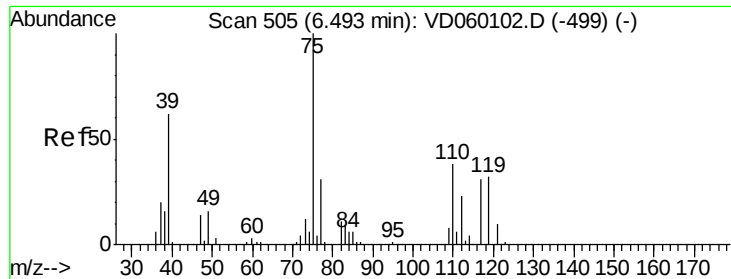
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

Tgt Ion:113 Resp: 66940
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 19.6 17.4 26.0



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

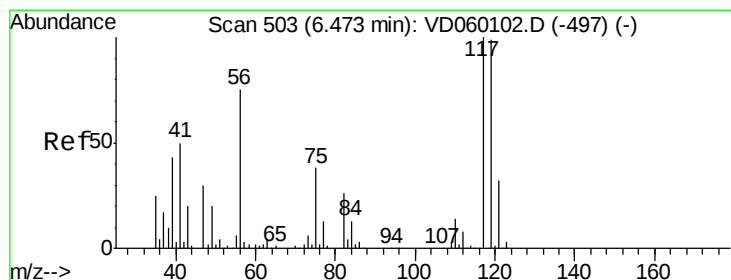
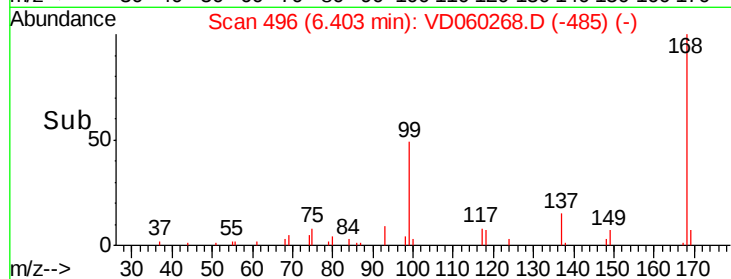
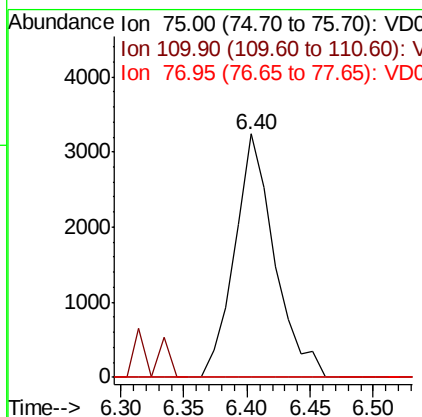
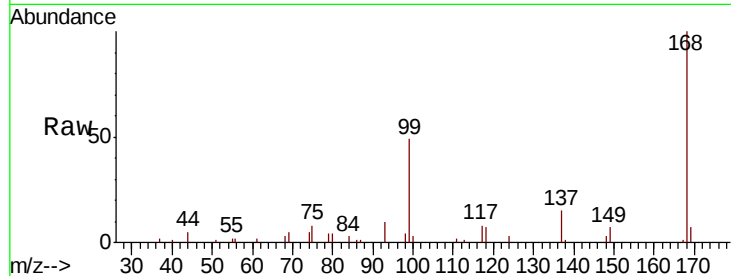




#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

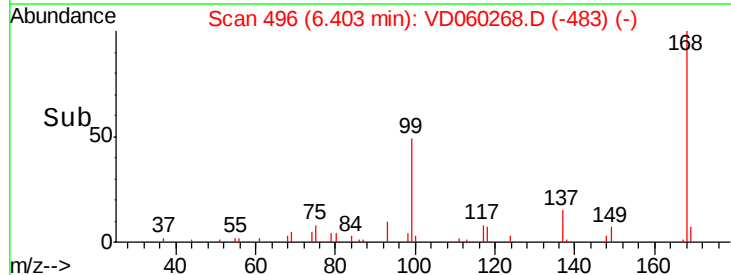
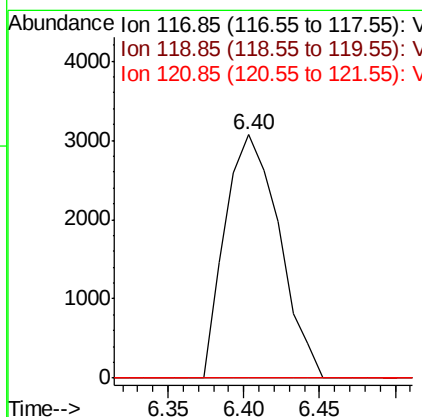
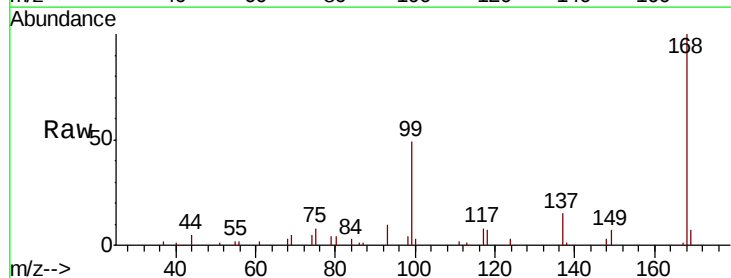
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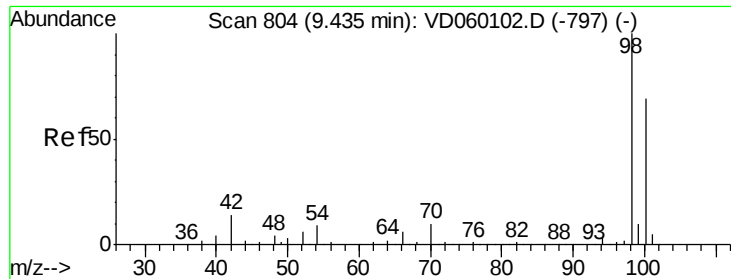
Tgt Ion: 75 Resp: 7079
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.325 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.07 min
 Lab File: VD060268.D
 Acq: 1 Nov 2018 18:00

Tgt Ion: 117 Resp: 7665
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.8 116.6#
 121 0.0 24.8 37.2#

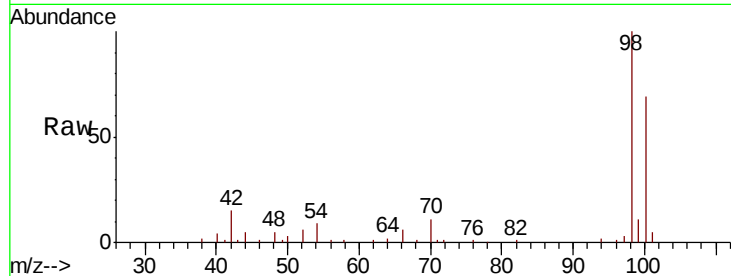




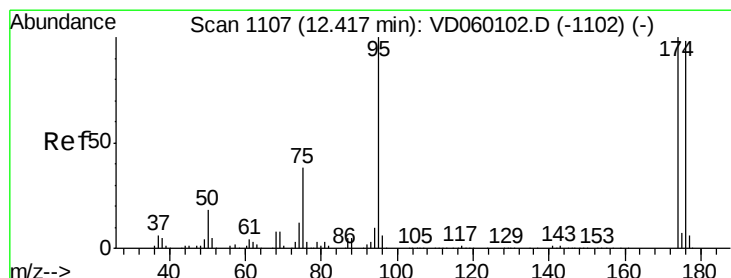
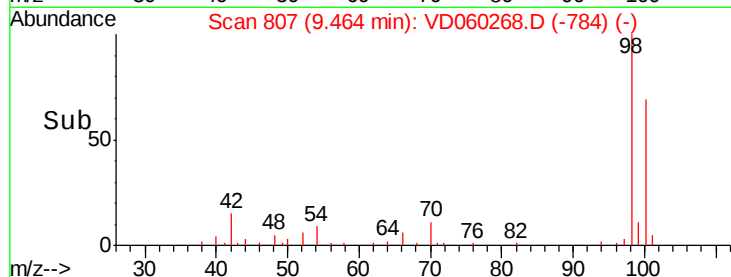
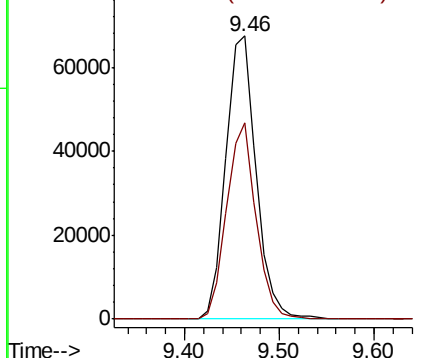
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion: 98 Resp: 149558
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

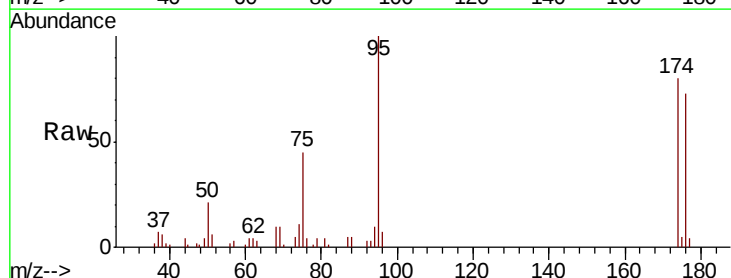


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

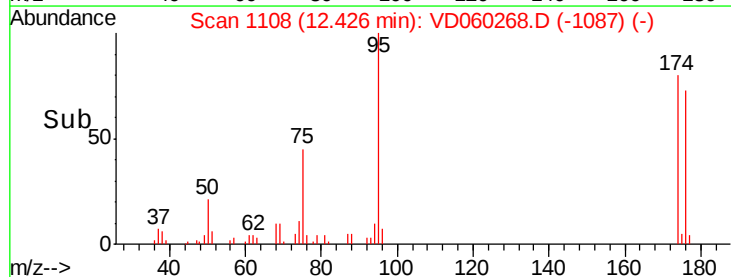
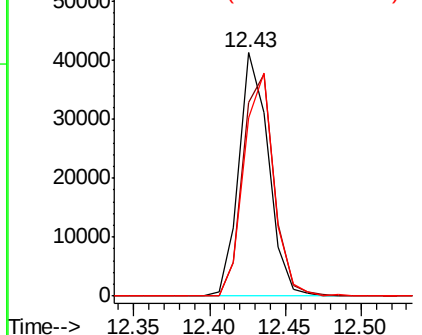


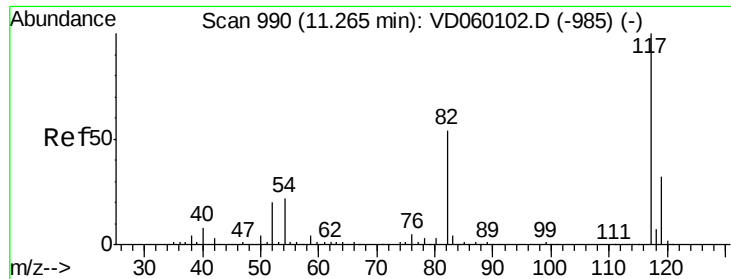
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Tgt Ion: 95 Resp: 55821
Ion Ratio Lower Upper
95 100
174 79.7 0.0 200.2
176 73.1 0.0 195.6



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

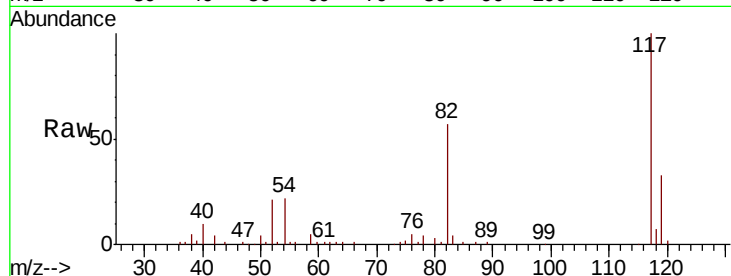




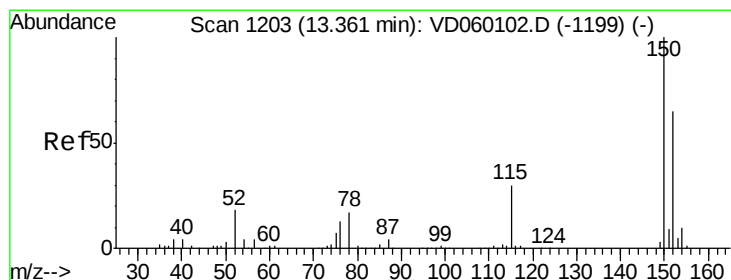
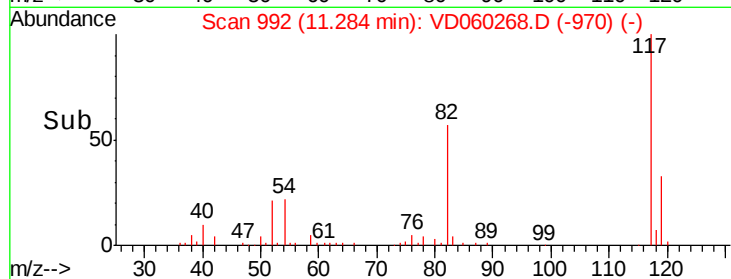
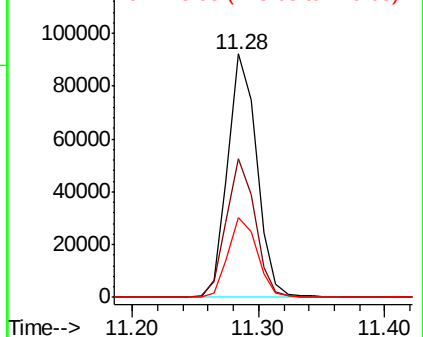
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 147123
Ion Ratio Lower Upper
117 100
82 57.0 43.4 65.2
119 32.5 26.0 39.0

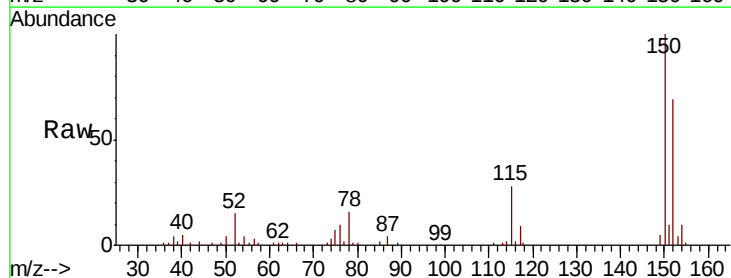


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

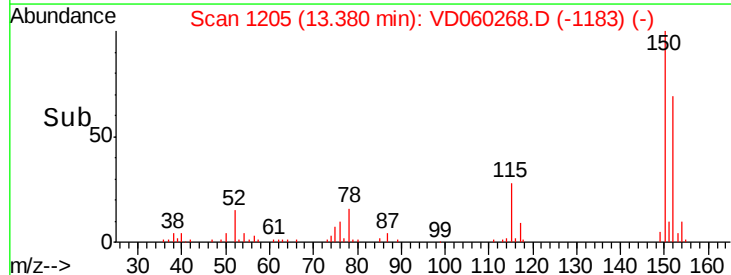
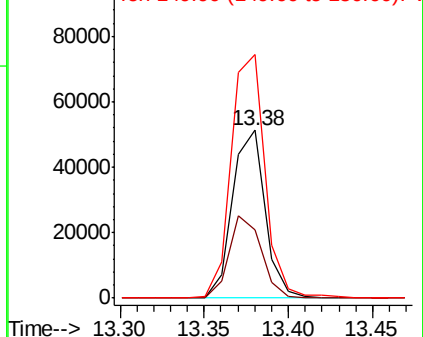


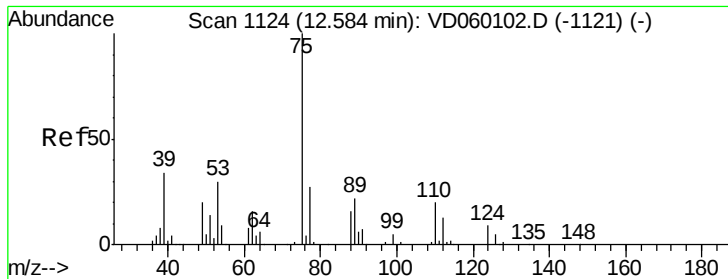
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Tgt Ion:152 Resp: 69126
Ion Ratio Lower Upper
152 100
115 40.4 27.1 81.2
150 145.0 0.0 311.8



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: 22.410 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060268.D

Acq: 1 Nov 2018 18:00

Instrument :

MSVOA_D

ClientSampleId :

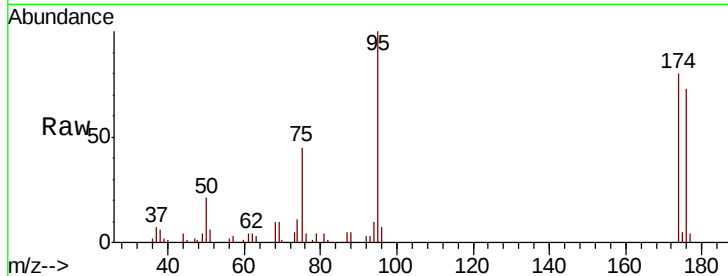
TP-6

Tgt Ion: 75 Resp: 22309

Ion Ratio Lower Upper

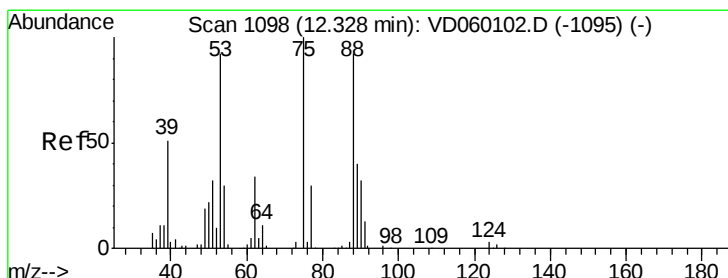
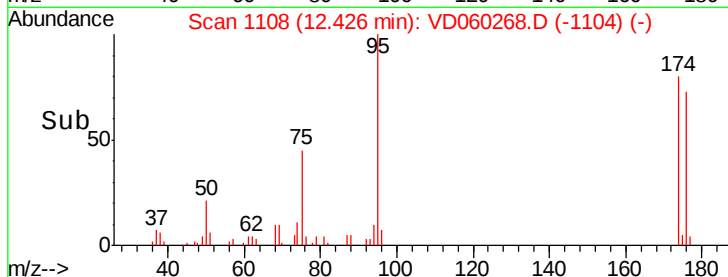
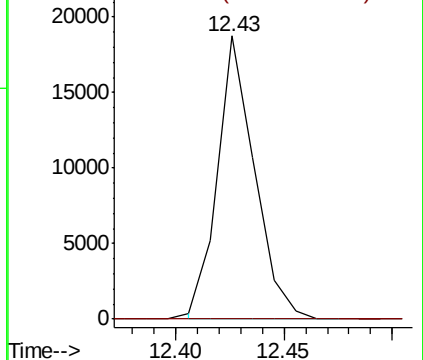
75 100

77 0.0 16.3 48.9#



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: 80.526 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060268.D

Acq: 1 Nov 2018 18:00

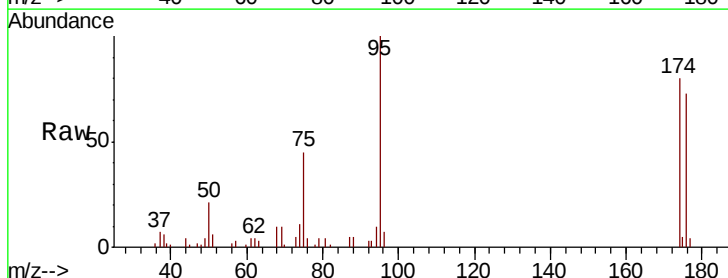
Tgt Ion: 75 Resp: 22525

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

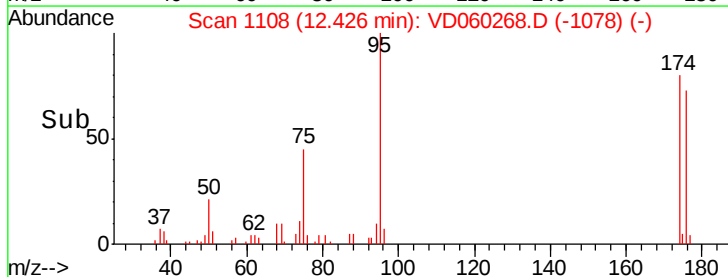
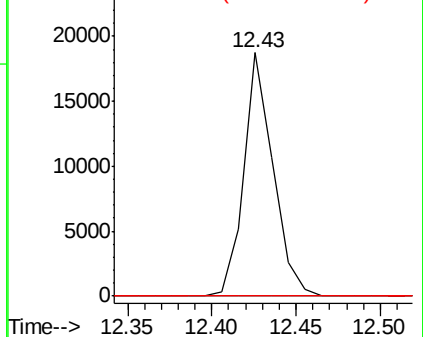
89 0.0 32.0 48.0#

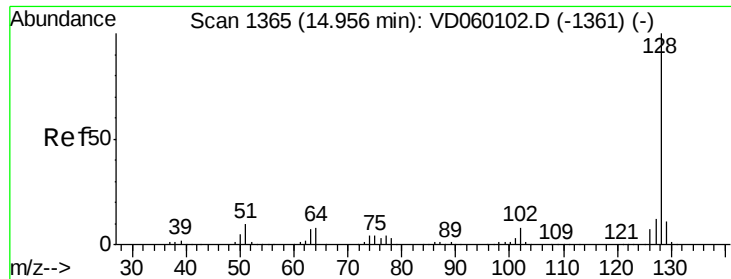


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

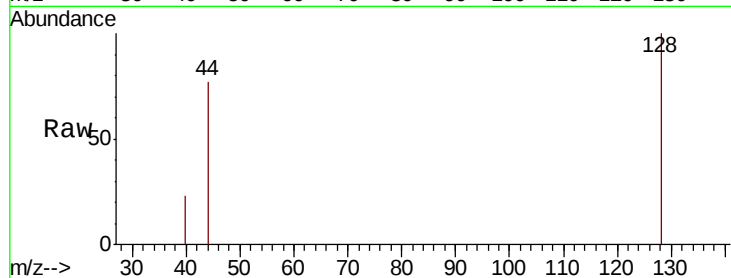




#95
Naphthalene
Concen: 1.078 ug/l
RT: 14.97 min Scan# 1367
Delta R.T. 0.02 min
Lab File: VD060268.D
Acq: 1 Nov 2018 18:00

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion:128 Resp: 2632
Ion Ratio Lower Upper
128 100
127 0.0 9.9 14.9#
129 0.0 8.8 13.2#



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

