

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
 Data File : VD060215.D
 Acq On : 26 Oct 2018 14:32
 Operator : JC/SY
 Sample : VD1026SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBL01

Quant Time: Oct 26 23:42:03 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	1569416	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	2129398	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1734114	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	956631	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	662278	55.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.34%	
35) Dibromofluoromethane	6.31	113	891932	55.16	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	9.45	98	2417726	52.43	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.42	95	946443	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	

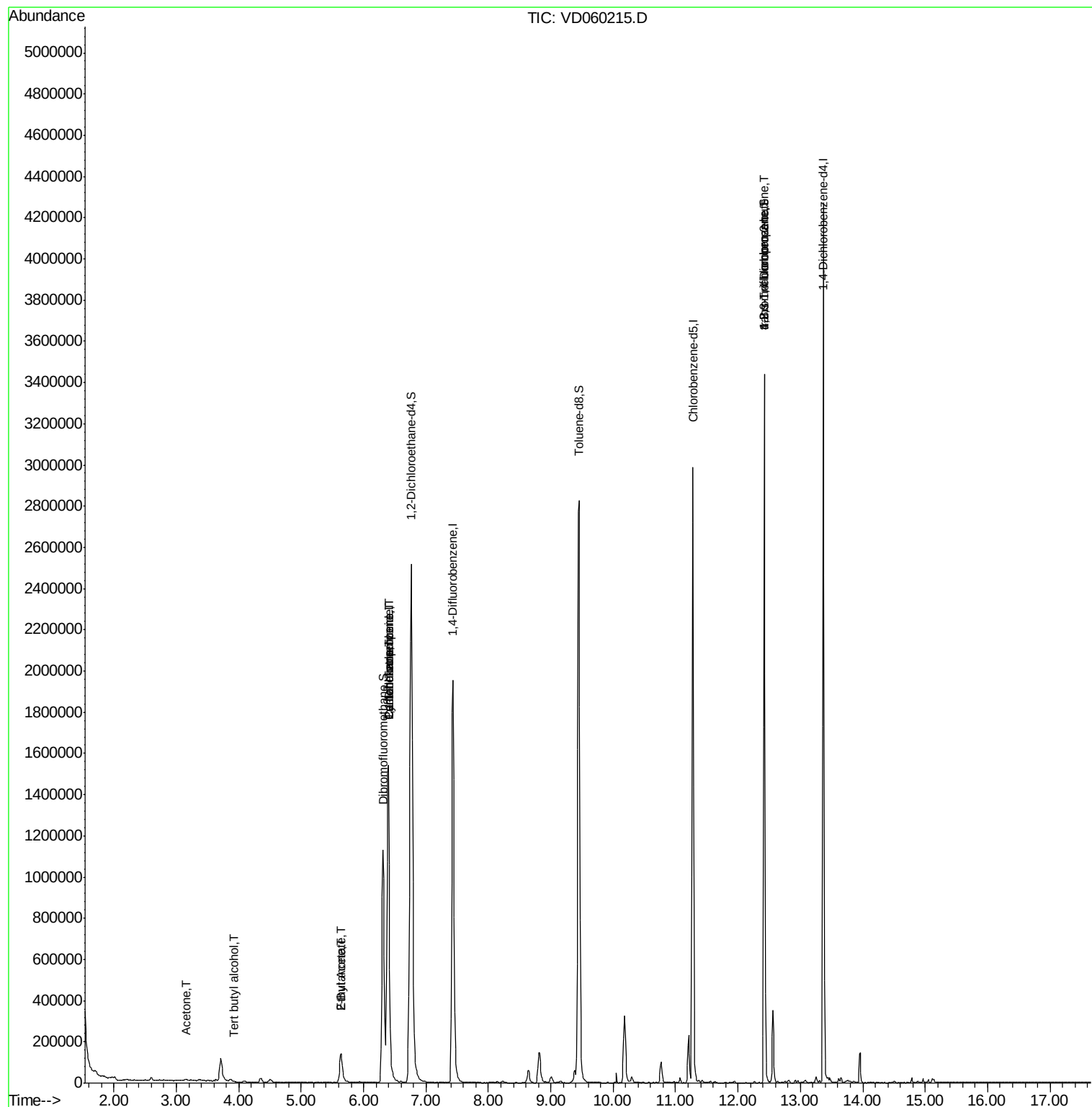
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.94	59	3516	4.121	ug/l #	74
16) Acetone	3.15	43	16228	7.518	ug/l #	81
20) Methylene Chloride	3.71	84	61382	Below Cal		96
25) 2-Butanone	5.62	43	16887	3.131	ug/l #	80
31) Cyclohexane	6.39	56	31354	1.217	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	109021	5.358	ug/l #	45
37) Ethyl Acetate	5.62	43	16887	1.250	ug/l #	47
38) Carbon Tetrachloride	6.39	117	121035	6.554	ug/l #	15
76) 1,2,3-Trichloropropane	12.42	75	365631	26.540	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.42	75	382390	98.782	ug/l #	13

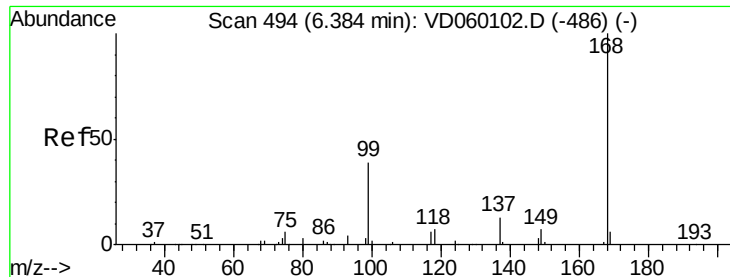
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD102618\
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Sample : VD1026SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBL01

Quant Time: Oct 26 23:42:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

Instrument :

MSVOA_D

ClientSampleId :

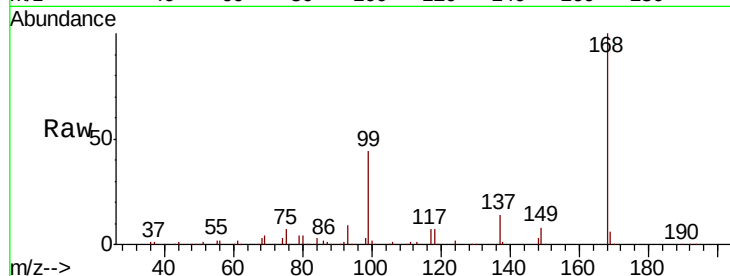
VD1026SBL01

Tgt Ion:168 Resp: 1569416

Ion Ratio Lower Upper

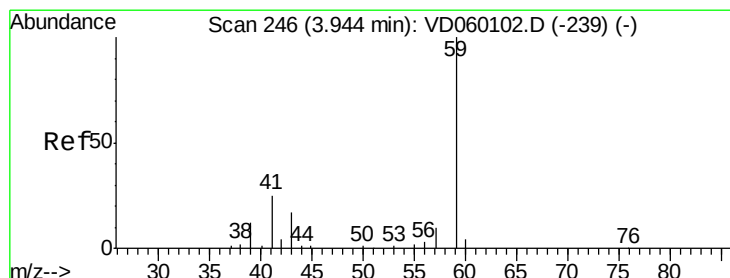
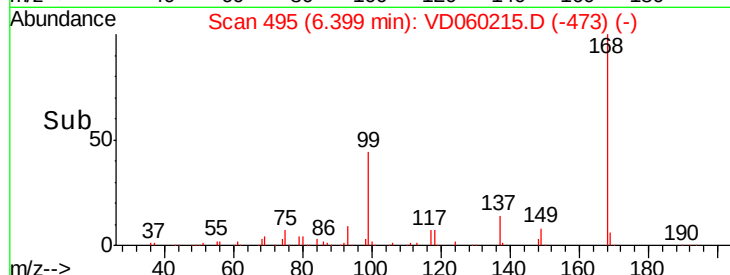
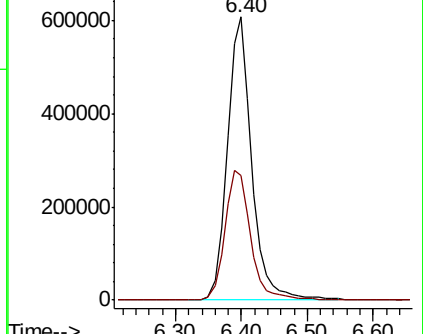
168 100

99 44.2 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 4.121 ug/l

RT: 3.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD060215.D

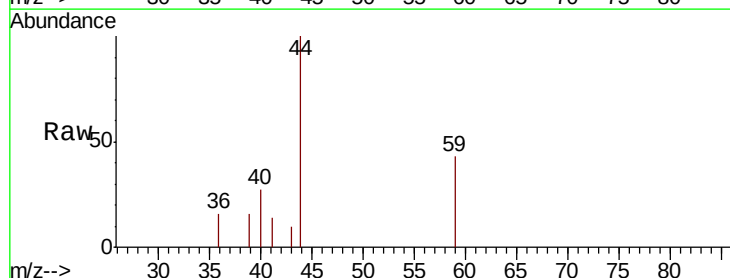
Acq: 26 Oct 2018 14:32

Tgt Ion: 59 Resp: 3516

Ion Ratio Lower Upper

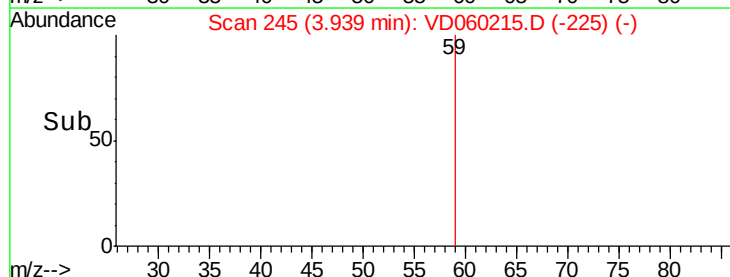
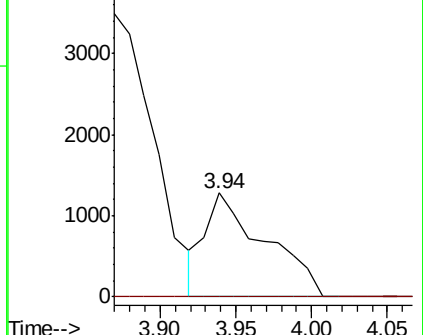
59 100

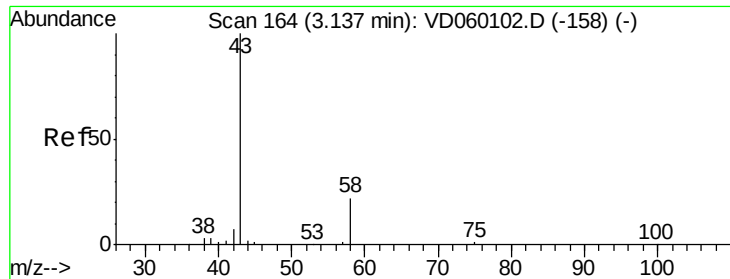
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 7.518 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

Instrument :

MSVOA_D

ClientSampleId :

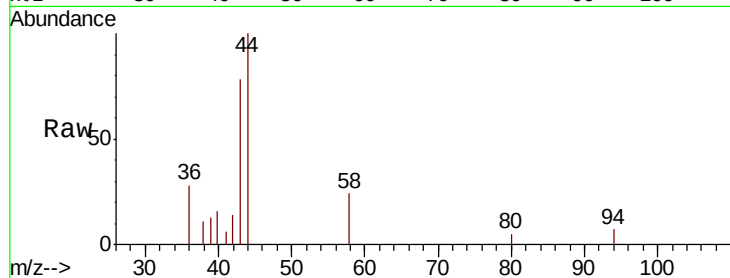
VD1026SBL01

Tgt Ion: 43 Resp: 16228

Ion Ratio Lower Upper

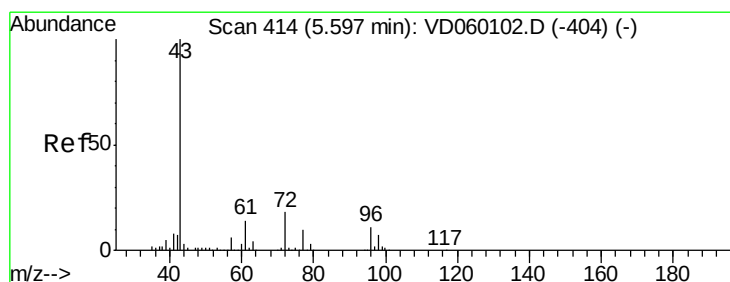
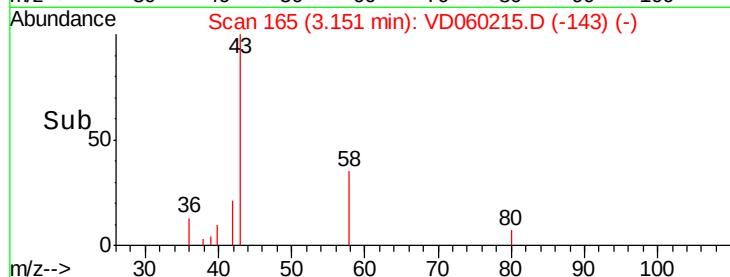
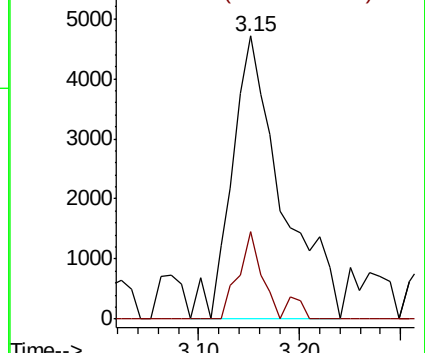
43 100

58 31.1 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#25

2-Butanone

Concen: 3.131 ug/l

RT: 5.62 min Scan# 416

Delta R.T. 0.02 min

Lab File: VD060215.D

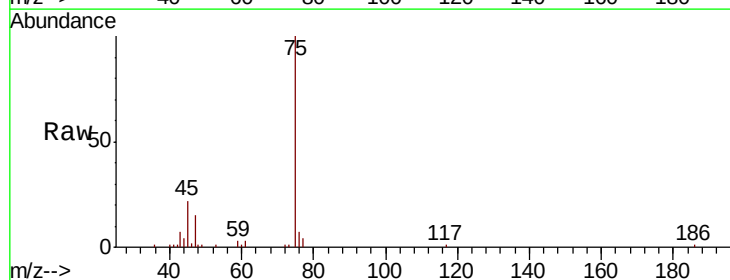
Acq: 26 Oct 2018 14:32

Tgt Ion: 43 Resp: 16887

Ion Ratio Lower Upper

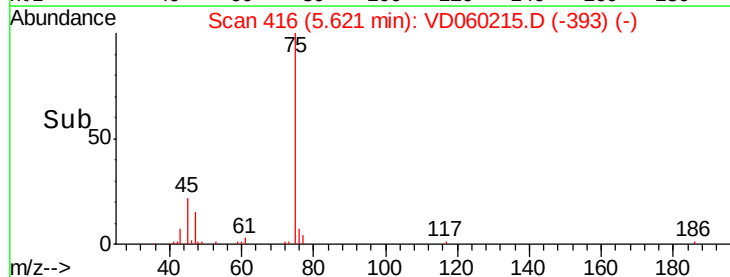
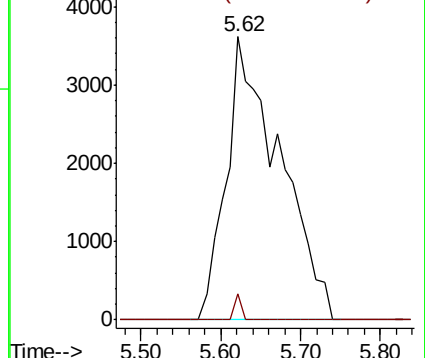
43 100

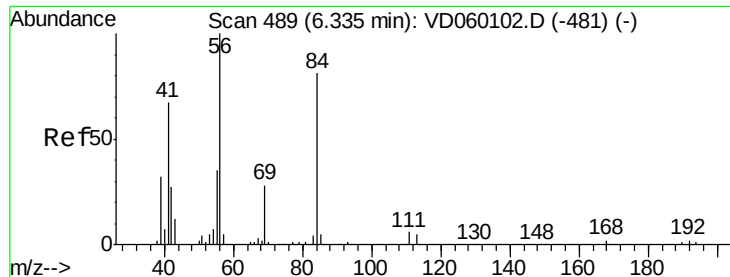
72 9.1 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

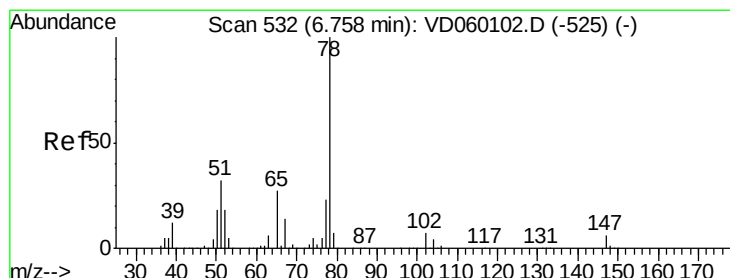
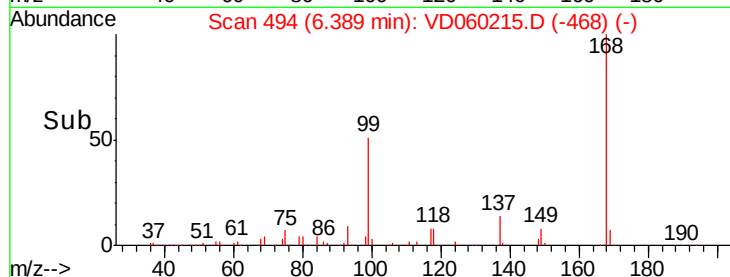
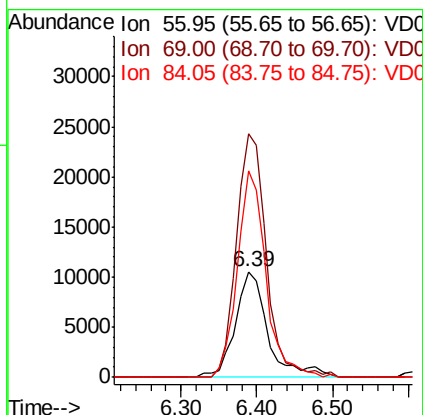
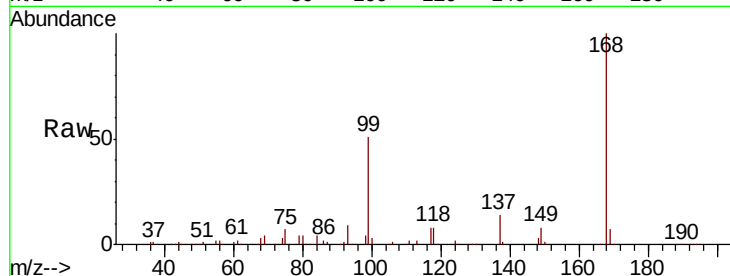




#31
Cyclohexane
Concen: 1.217 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.05 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

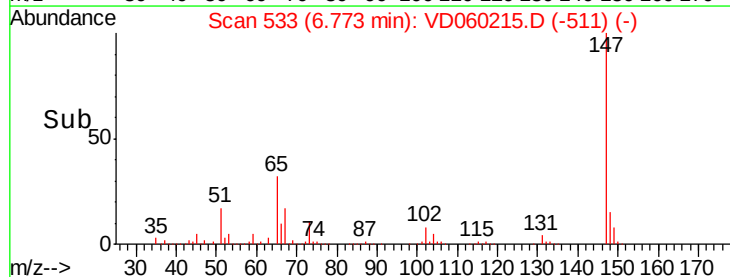
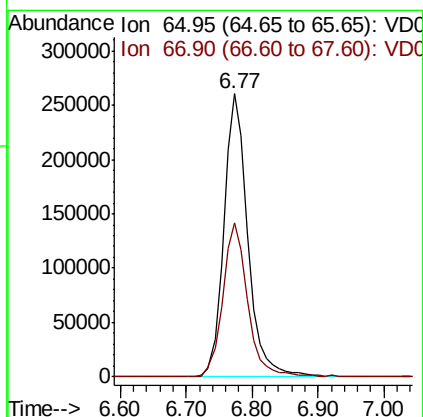
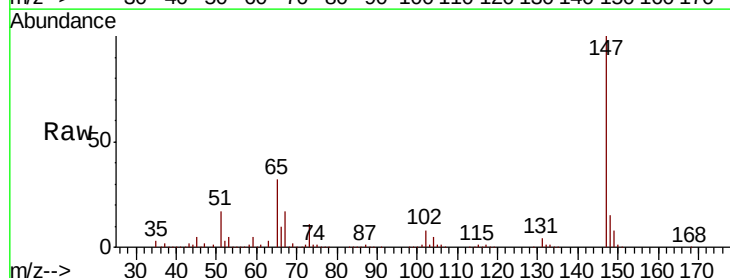
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBL01

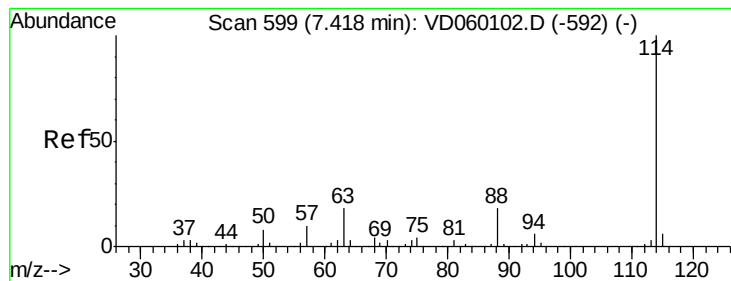
Tgt Ion: 56 Resp: 31354
Ion Ratio Lower Upper
56 100
69 230.4 22.8 34.2#
84 195.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

Tgt Ion: 65 Resp: 662278
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBL01

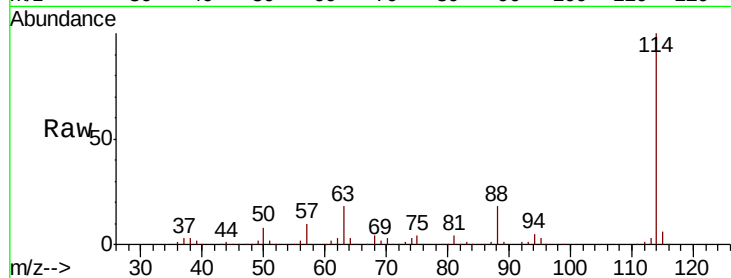
Tgt Ion:114 Resp: 2129398

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.0

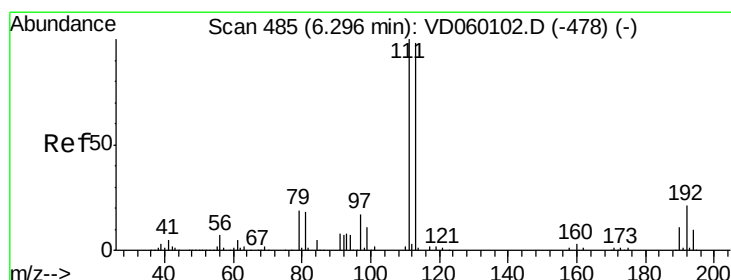
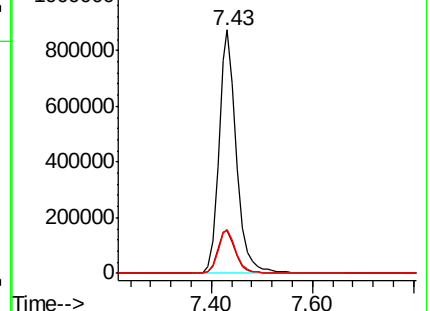
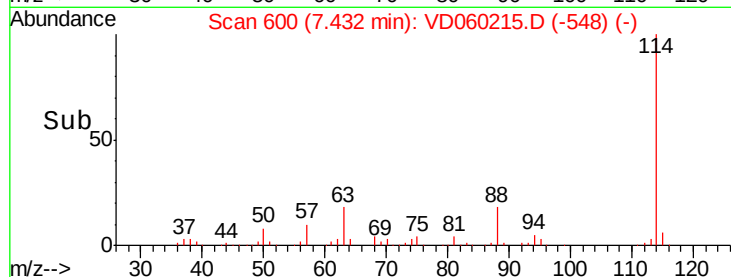
88 18.0 0.0 36.2



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: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

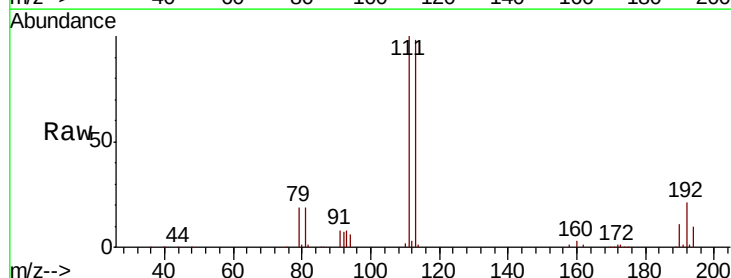
Tgt Ion:113 Resp: 891932

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

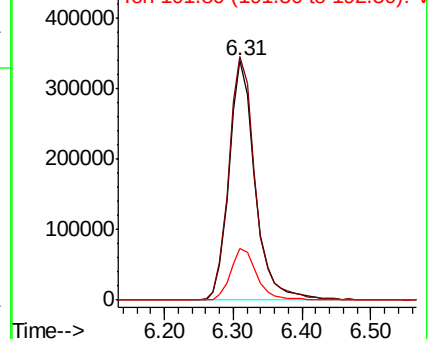
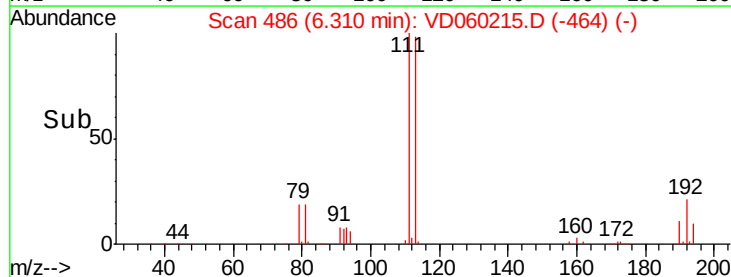
192 21.7 17.4 26.0

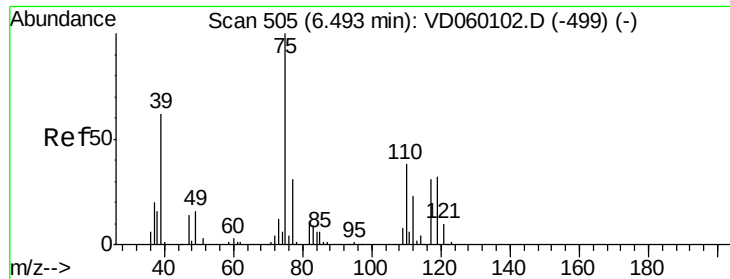


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

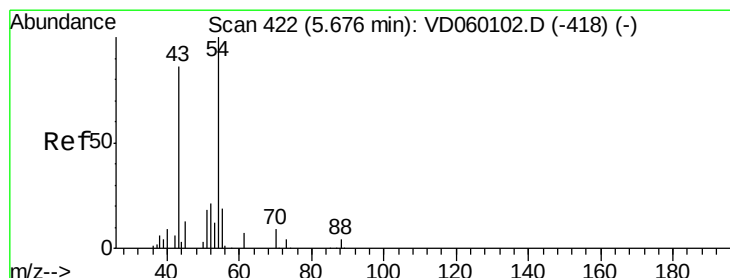
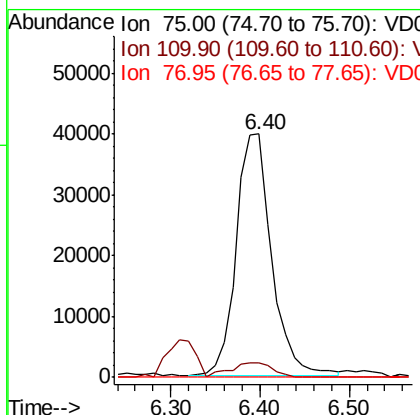
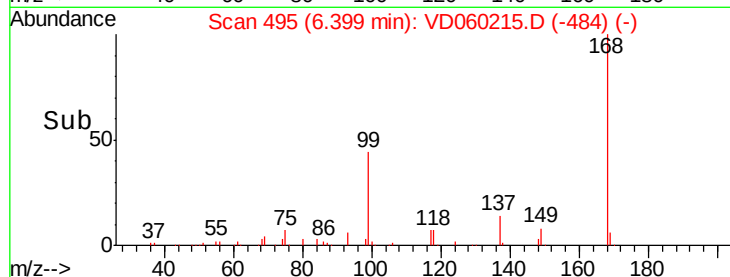
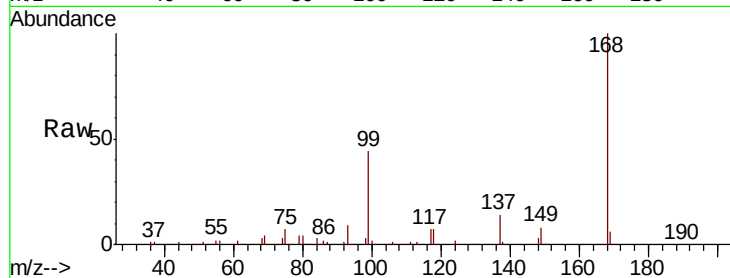




#36
 1,1-Dichloropropene
 Concen: 5.358 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.09 min
 Lab File: VD060215.D
 Acq: 26 Oct 2018 14:32

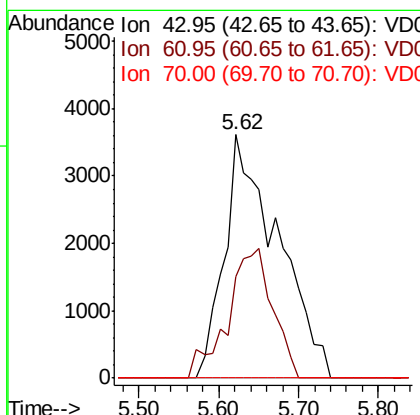
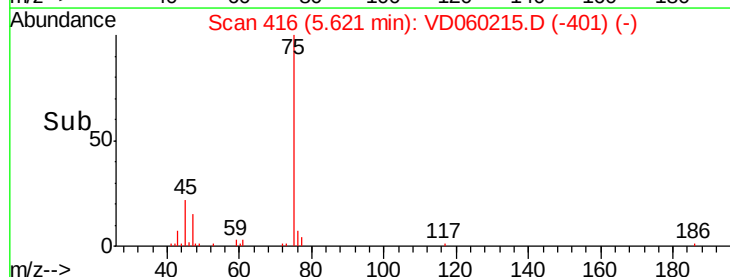
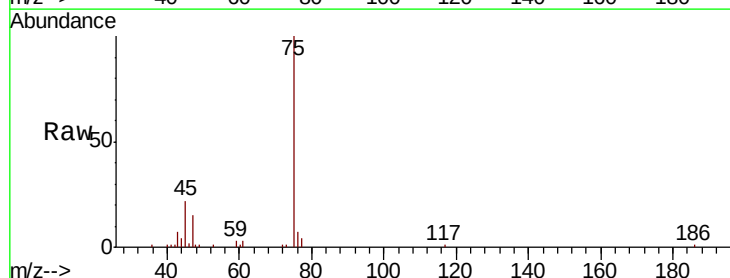
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBL01

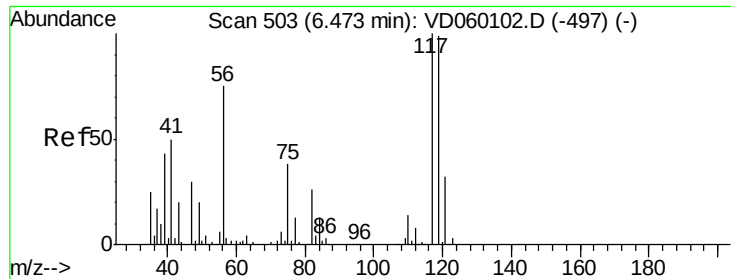
Tgt Ion: 75 Resp: 109021
 Ion Ratio Lower Upper
 75 100
 110 6.0 19.0 57.0#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.250 ug/l
 RT: 5.62 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: VD060215.D
 Acq: 26 Oct 2018 14:32

Tgt Ion: 43 Resp: 16887
 Ion Ratio Lower Upper
 43 100
 61 41.7 10.5 15.7#
 70 0.0 6.3 9.5#

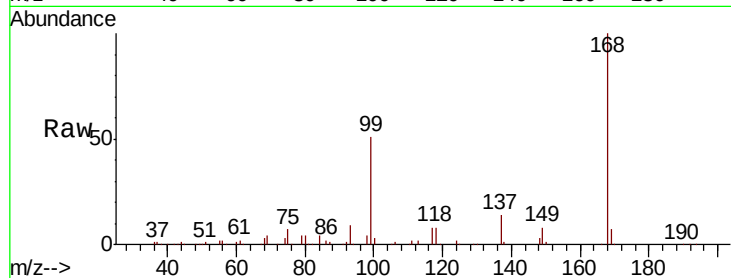




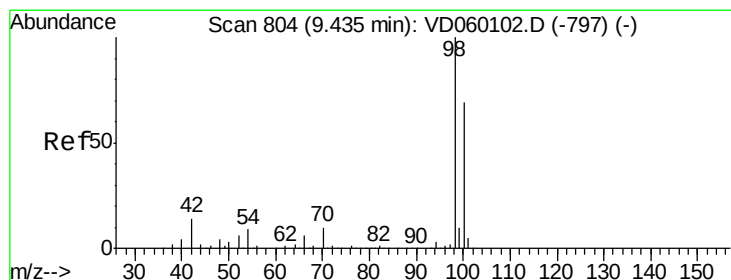
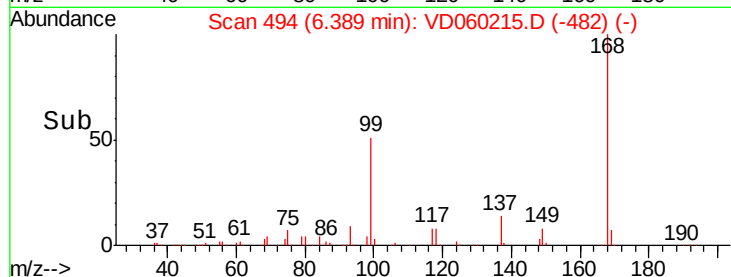
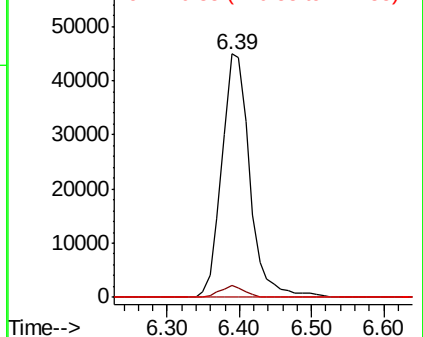
#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.08 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBL01

Tgt Ion:117 Resp: 121035
Ion Ratio Lower Upper
117 100
119 4.8 77.8 116.6#
121 0.0 24.8 37.2#

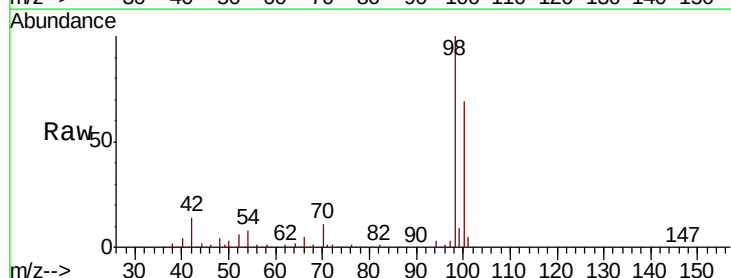


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

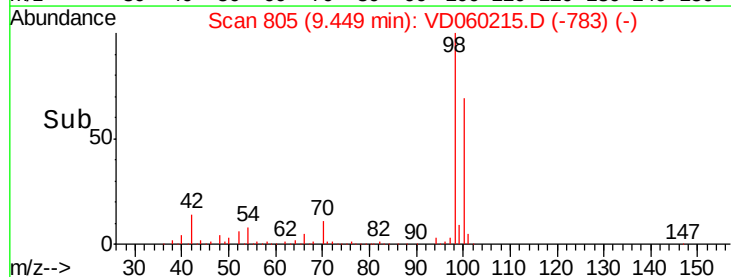
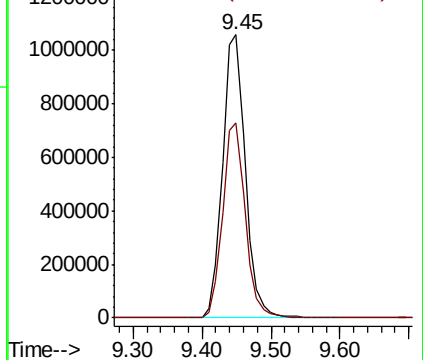


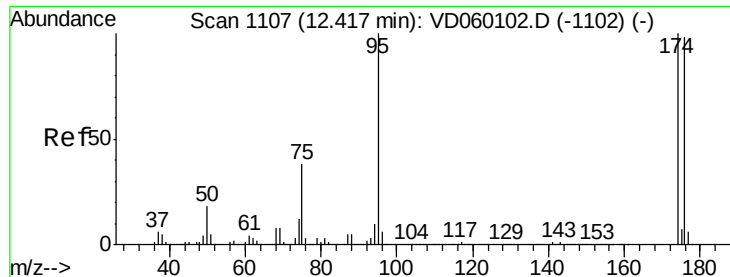
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

Tgt Ion: 98 Resp: 2417726
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0



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

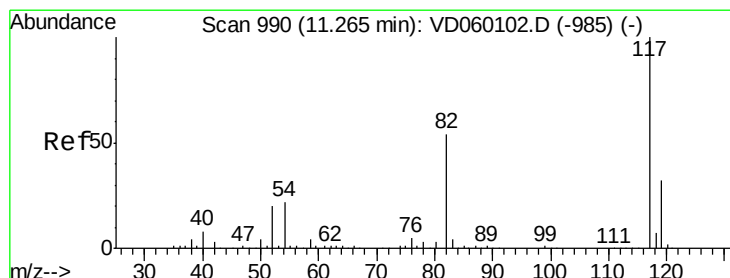
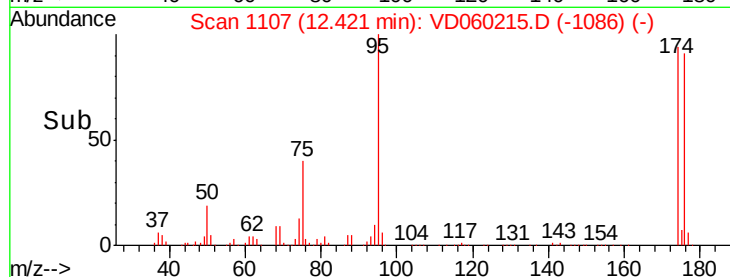
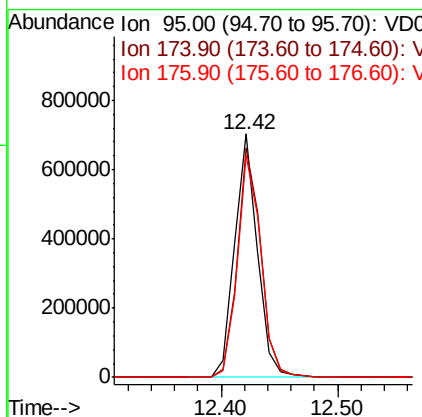
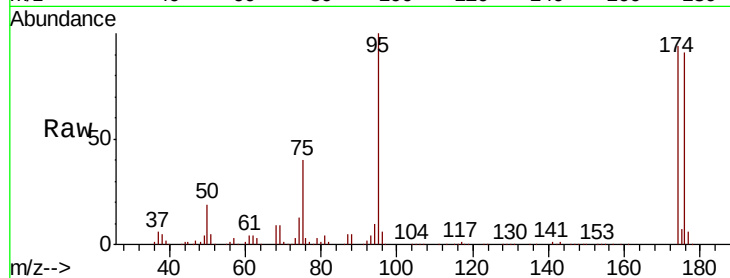




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

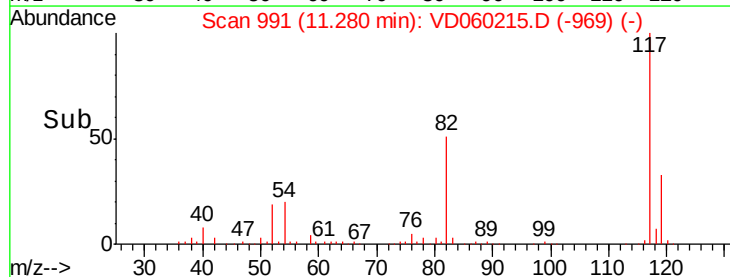
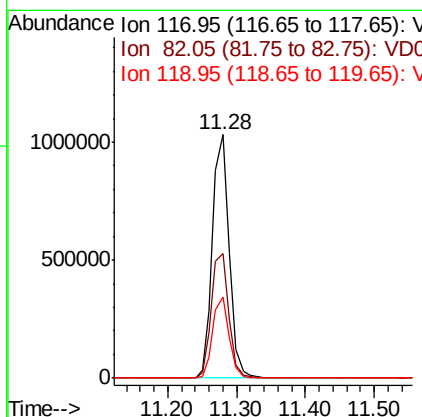
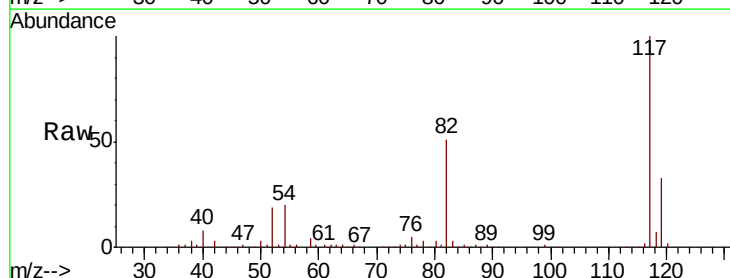
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBL01

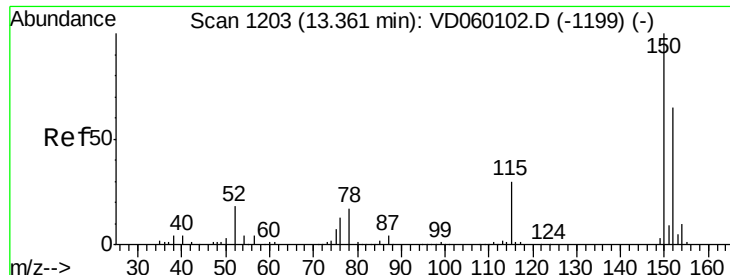
Tgt Ion: 95 Resp: 946443
Ion Ratio Lower Upper
95 100
174 94.3 0.0 200.2
176 91.2 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060215.D
Acq: 26 Oct 2018 14:32

Tgt Ion: 117 Resp: 1734114
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.2
119 33.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBL01

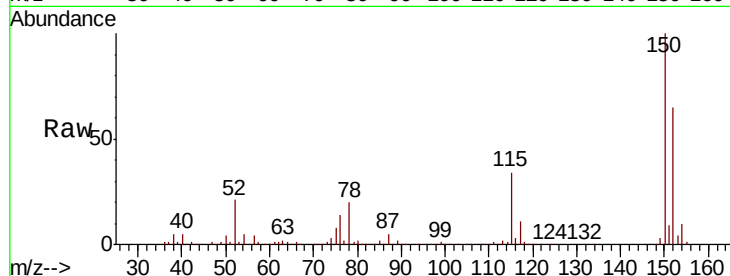
Tgt Ion:152 Resp: 956631

Ion Ratio Lower Upper

152 100

115 52.9 27.1 81.2

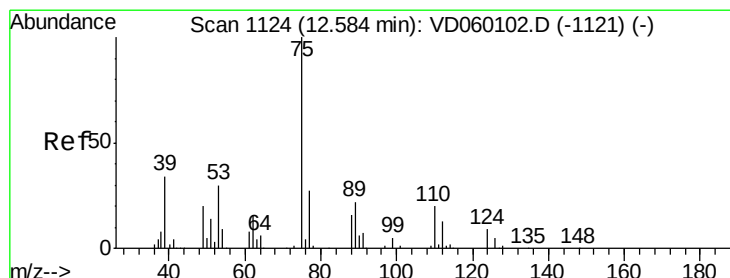
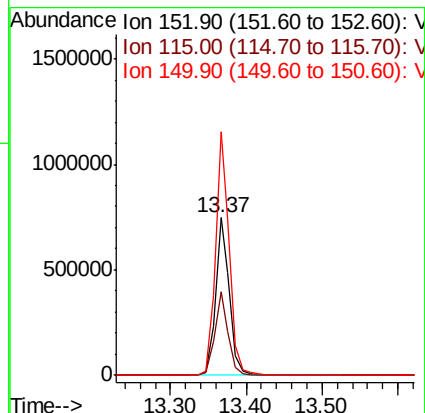
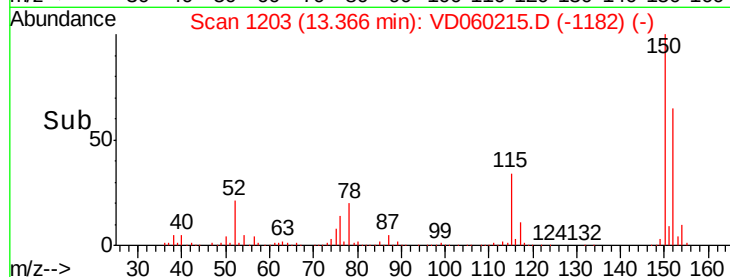
150 154.5 0.0 311.8



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: 26.540 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VD060215.D

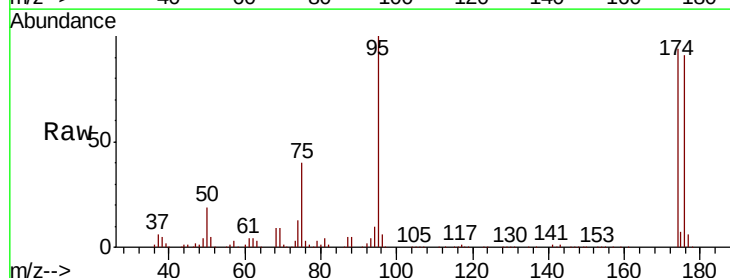
Acq: 26 Oct 2018 14:32

Tgt Ion: 75 Resp: 365631

Ion Ratio Lower Upper

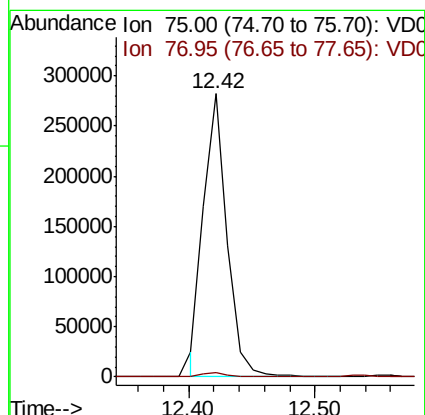
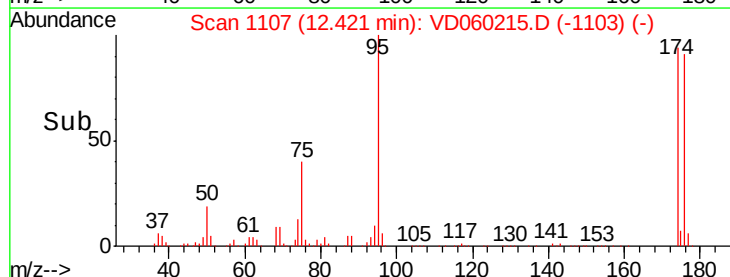
75 100

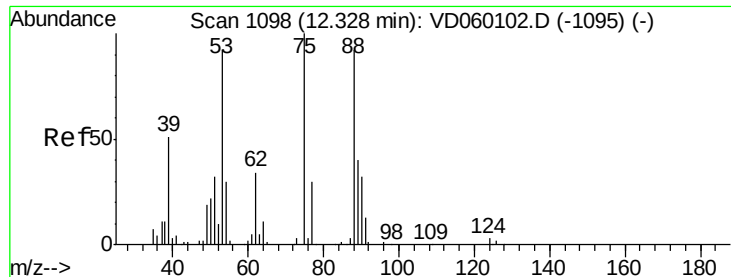
77 1.5 16.3 48.9#



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: 98.782 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060215.D

Acq: 26 Oct 2018 14:32

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBL01

Tgt Ion: 75 Resp: 382390

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

