

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060361.D
 Acq On : 13 Nov 2018 15:30
 Operator : JC/SY
 Sample : J5889-01RE
 Misc : 13.07g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 05:49:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	96770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	163086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	168390	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	86097	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	71119	102.64	ug/l	0.00
Spiked Amount			Recovery	=	205.28%	
35) Dibromofluoromethane	6.33	113	64327	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	9.46	98	140589	39.50	ug/l	0.00
Spiked Amount			Recovery	=	79.00%	
62) 4-Bromofluorobenzene	12.43	95	62358	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

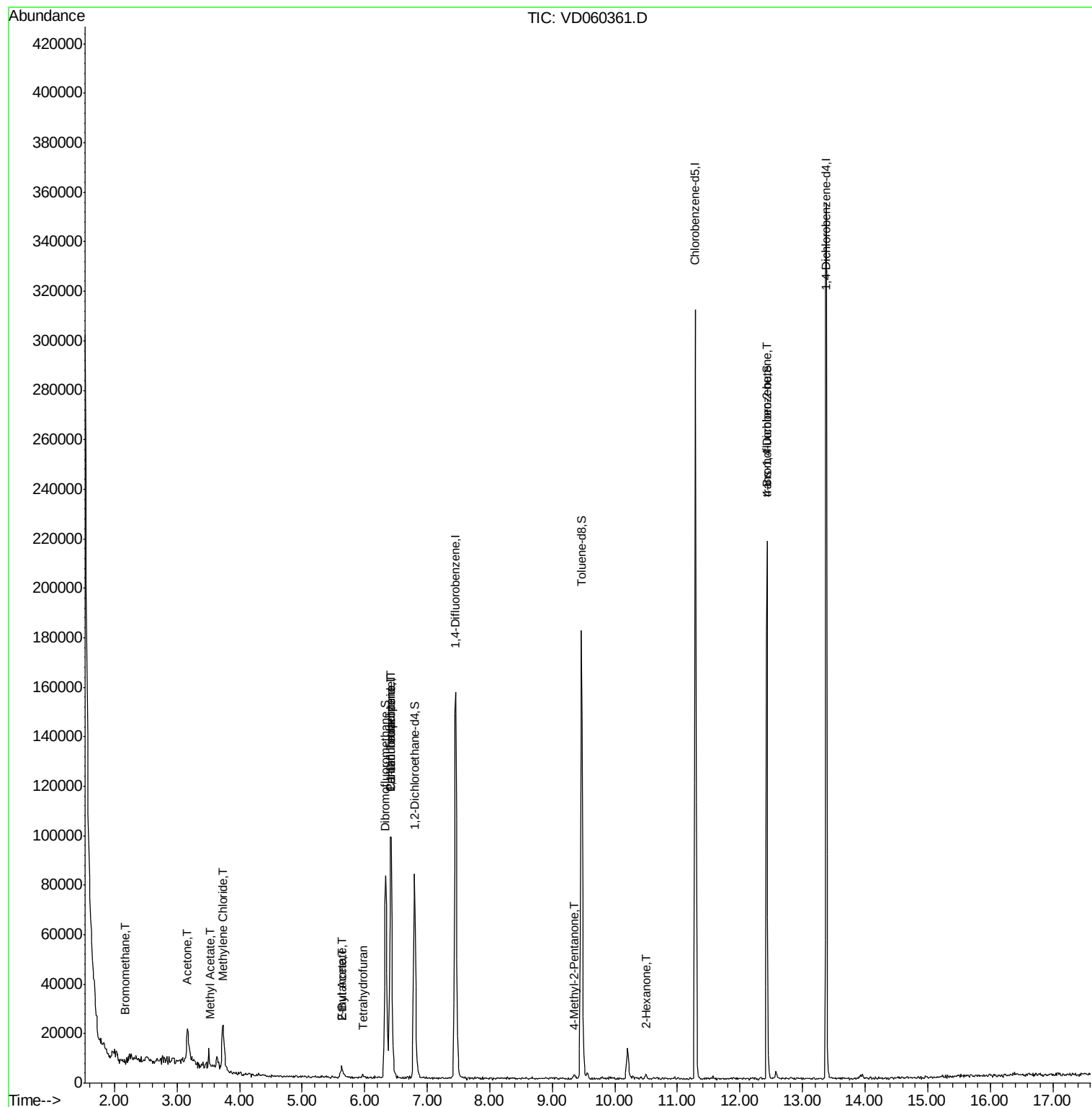
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	195	1.098	ug/l #	2
16) Acetone	3.16	43	27103	225.503	ug/l	94
18) Methyl Acetate	3.54	43	1255	4.897	ug/l #	63
20) Methylene Chloride	3.74	84	12017	11.271	ug/l #	90
25) 2-Butanone	5.63	43	8559	34.261	ug/l	95
29) Tetrahydrofuran	5.97	42	224	1.701	ug/l #	41
36) 1,1-Dichloropropene	6.41	75	7074	4.390	ug/l #	41
37) Ethyl Acetate	5.63	43	8559	11.544	ug/l #	69
38) Carbon Tetrachloride	6.42	117	7703	5.154	ug/l #	12
51) 4-Methyl-2-Pentanone	9.35	43	2502	4.128	ug/l #	42
59) 2-Hexanone	10.50	43	2076	4.805	ug/l #	60
81) trans-1,4-Dichloro-2-buten	12.43	75	26251	89.528	ug/l #	15

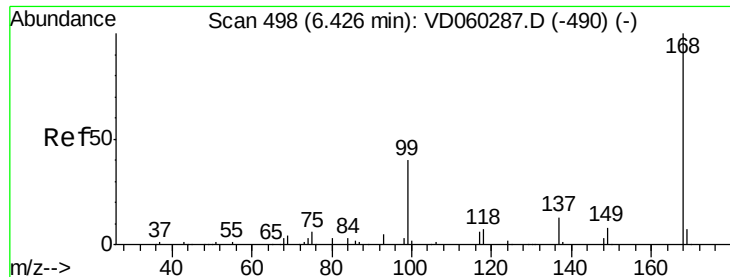
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111318\
Data File : VD060361.D
Acq On : 13 Nov 2018 15:30
Operator : JC/SY
Sample : J5889-01RE
Misc : 13.07g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 14 05:49:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 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: VD060361.D

Acq: 13 Nov 2018 15:30

Instrument :

MSVOA_D

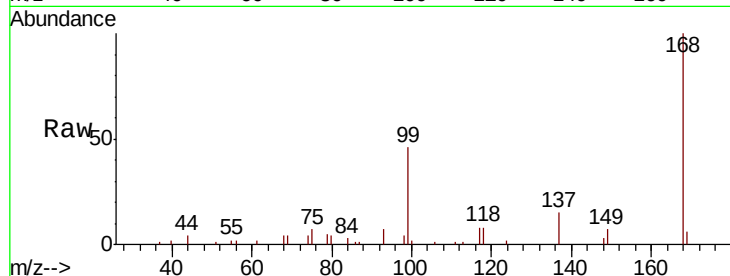
ClientSampleId :

Tot Ion:168 Resp: 96770

Ion Ratio Lower Upper

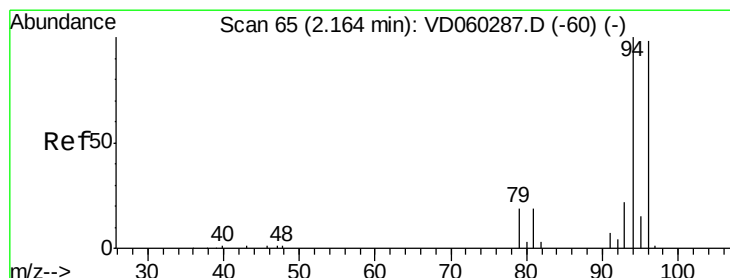
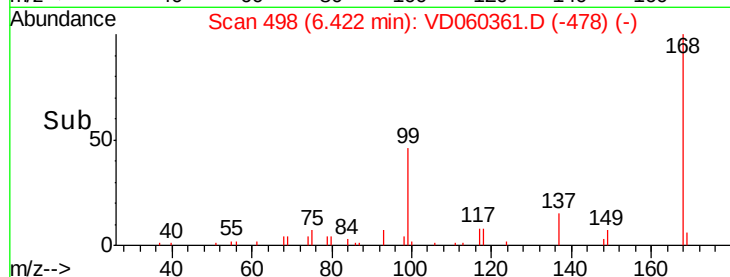
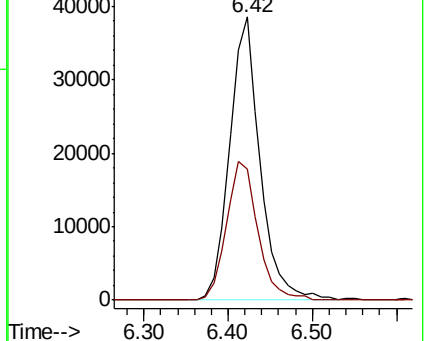
168 100

99 46.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.098 ug/l

RT: 2.17 min Scan# 66

Delta R.T. 0.01 min

Lab File: VD060361.D

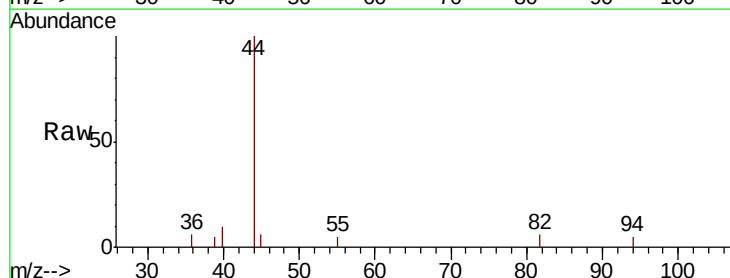
Acq: 13 Nov 2018 15:30

Tgt Ion: 94 Resp: 195

Ion Ratio Lower Upper

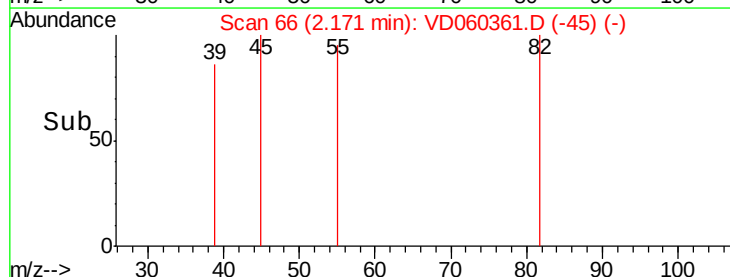
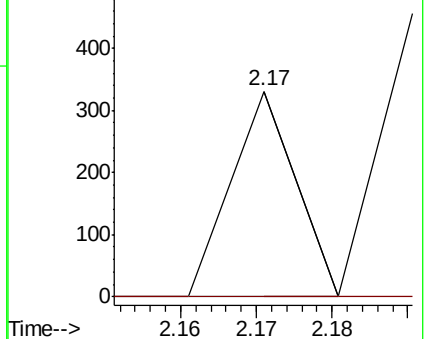
94 100

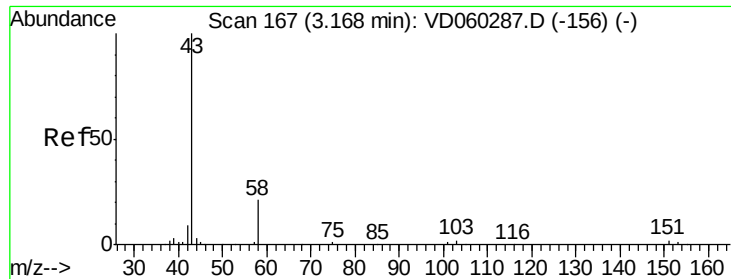
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 225.503 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060361.D

Acq: 13 Nov 2018 15:30

Instrument :

MSVOA_D

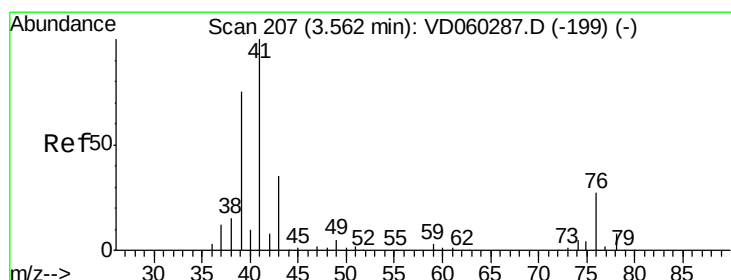
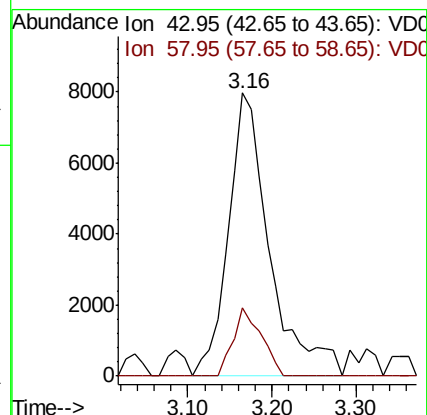
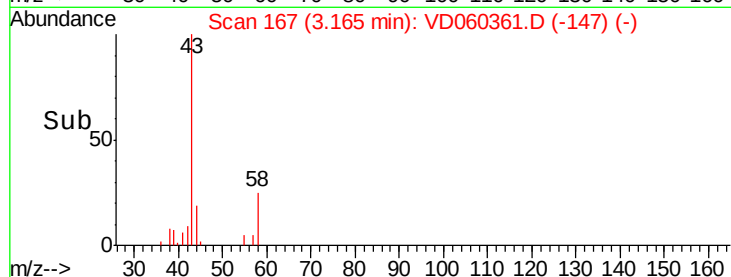
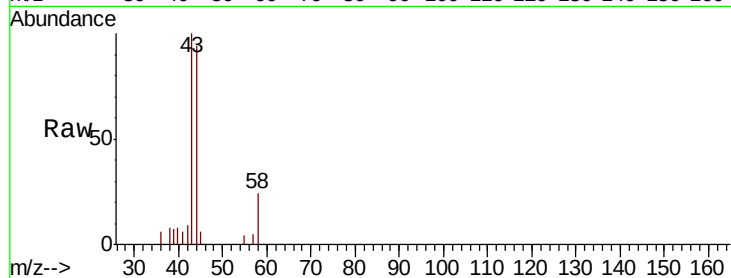
ClientSampleId :

Tot Ion: 43 Resp: 27103

Ion Ratio Lower Upper

43 100

58 24.1 16.9 25.3



#18

Methyl Acetate

Concen: 4.897 ug/l

RT: 3.54 min Scan# 205

Delta R.T. -0.02 min

Lab File: VD060361.D

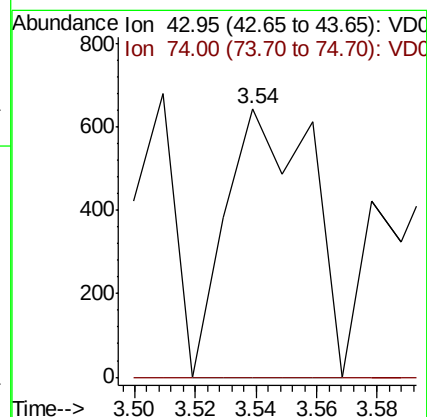
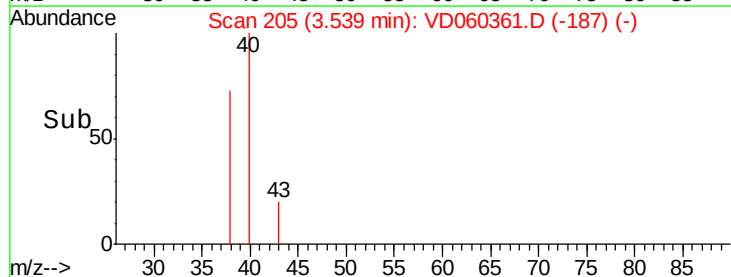
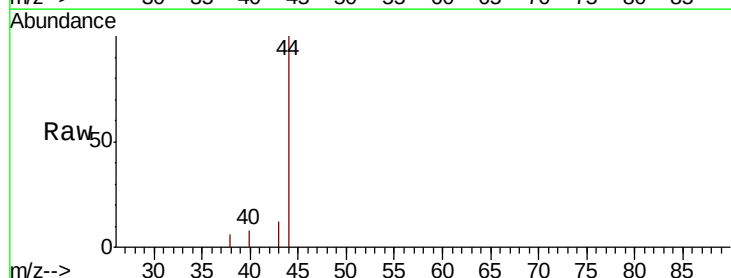
Acq: 13 Nov 2018 15:30

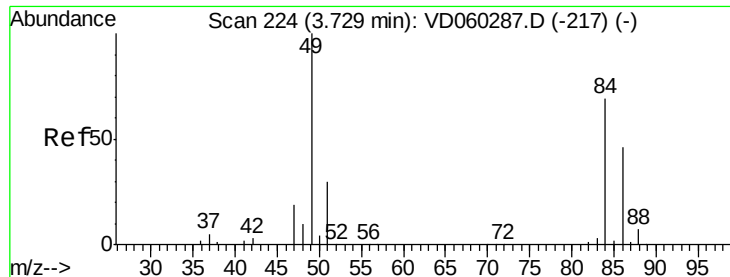
Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

74 0.0 12.4 18.6#

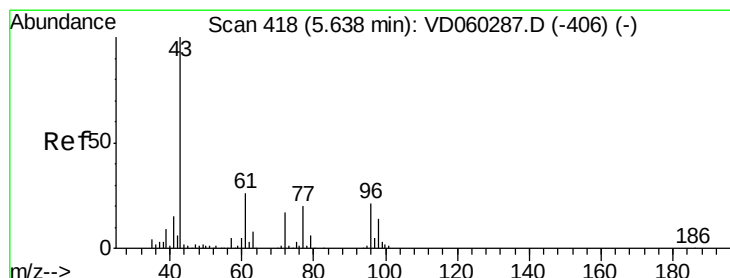
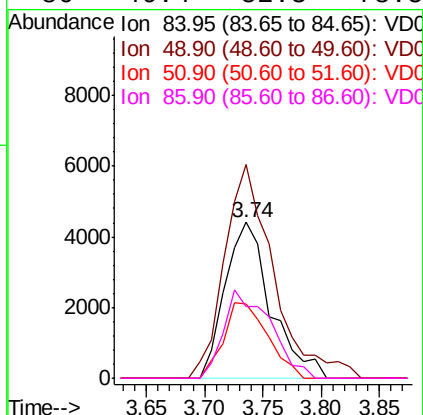
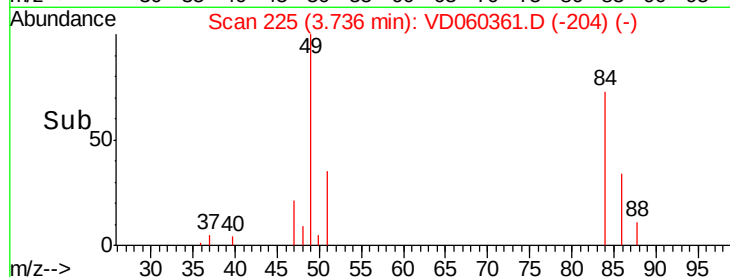
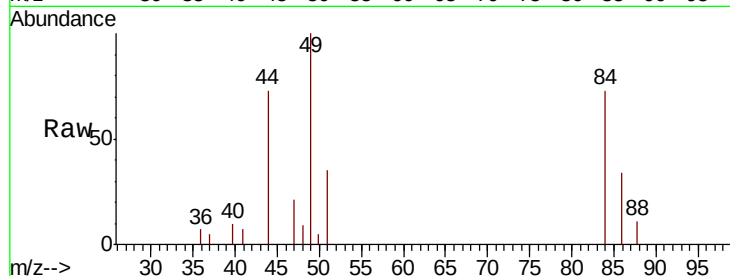




#20
Methvlene Chloride
Concen: 11.271 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

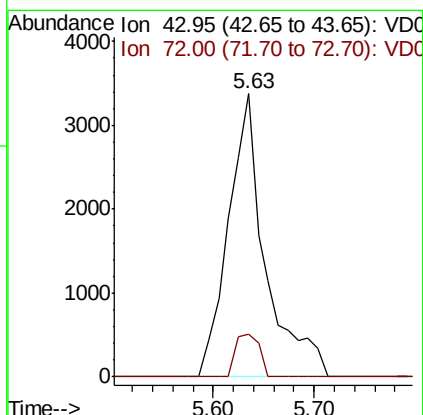
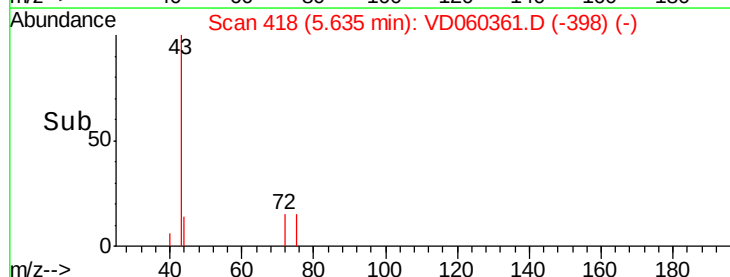
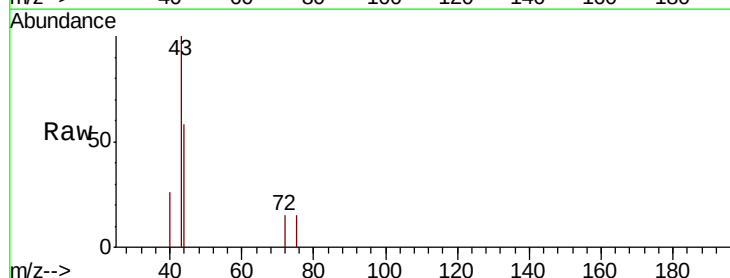
Instrument :
MSVOA_D
ClientSampleId :

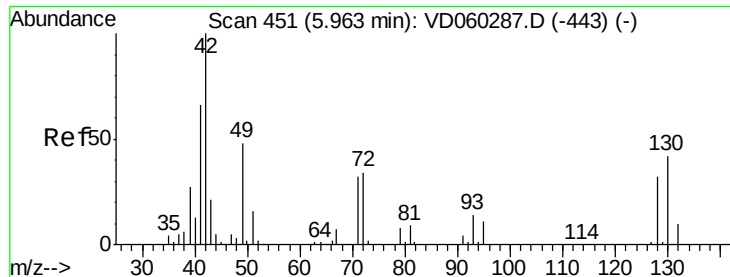
Tot Ion: 84 Resp: 12017
Ion Ratio Lower Upper
84 100
49 137.2 115.6 173.4
51 47.6 35.6 53.4
86 46.4 52.3 78.5#



#25
2-Butanone
Concen: 34.261 ug/l
RT: 5.63 min Scan# 418
Delta R.T. -0.00 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

Tgt Ion: 43 Resp: 8559
Ion Ratio Lower Upper
43 100
72 15.3 13.8 20.8





#29

Tetrahydrofuran

Concen: 1.701 ug/l

RT: 5.97 min Scan# 452

Delta R.T. 0.01 min

Lab File: VD060361.D

Acq: 13 Nov 2018 15:30

Instrument :

MSVOA_D

ClientSampleId :

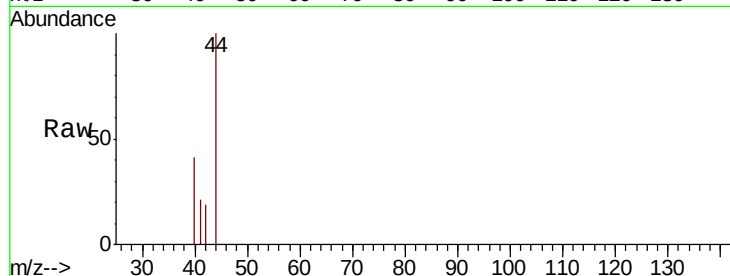
Tot Ion: 42 Resp: 224

Ion Ratio Lower Upper

42 100

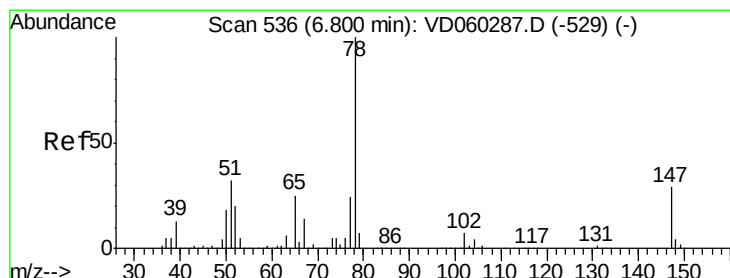
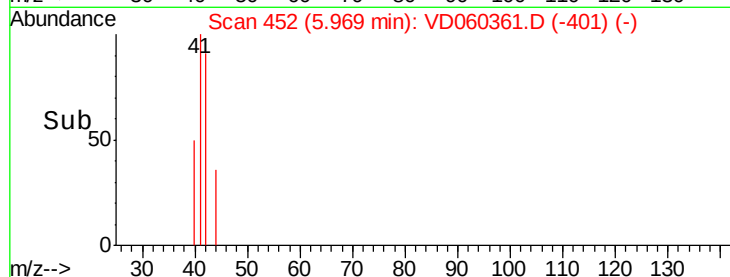
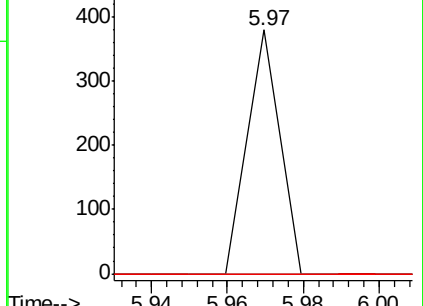
72 0.0 27.6 41.4#

71 0.0 26.5 39.7#



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

5.97



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060361.D

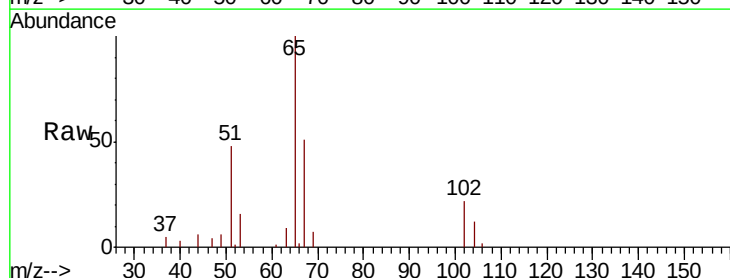
Acq: 13 Nov 2018 15:30

Tgt Ion: 65 Resp: 71119

Ion Ratio Lower Upper

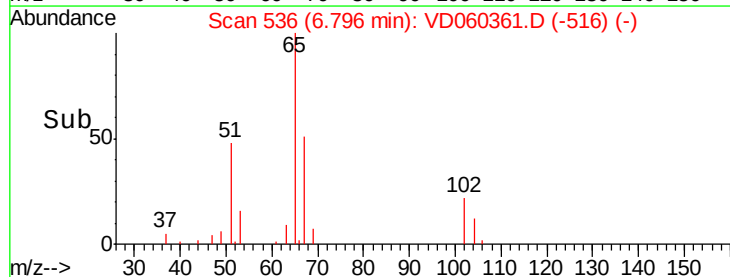
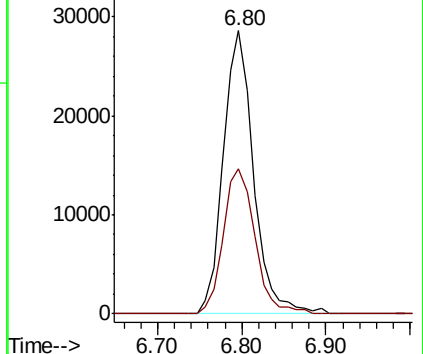
65 100

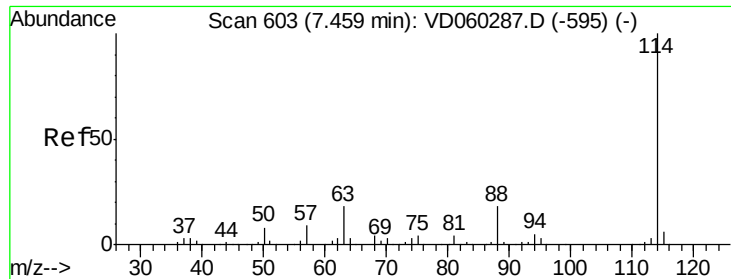
67 51.1 0.0 109.8



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

6.80

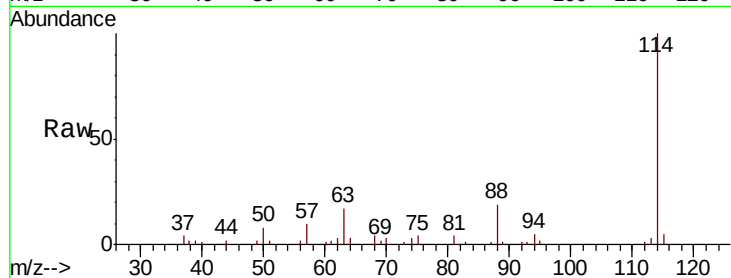




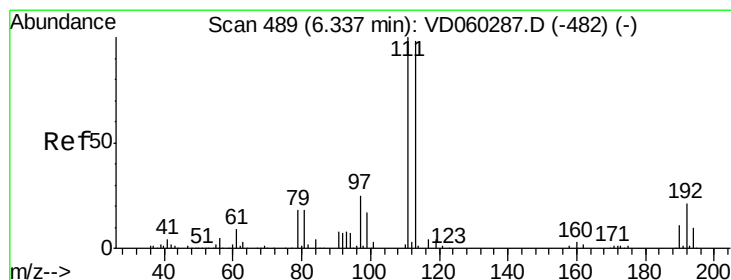
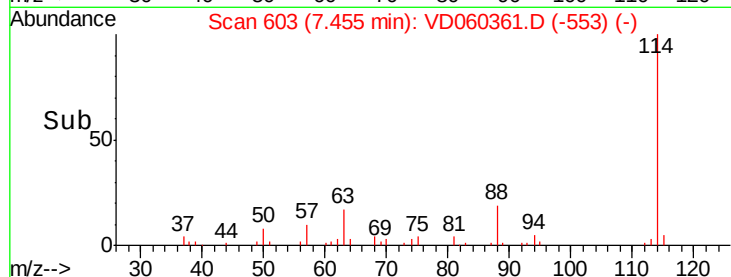
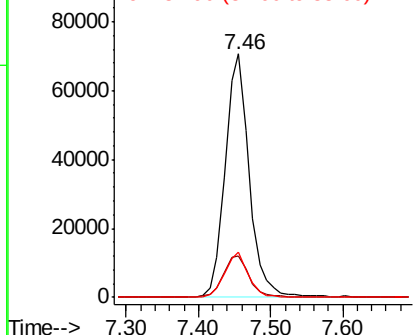
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VD060361.D
 Acq: 13 Nov 2018 15:30

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:114 Resp: 163086
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.0
 88 18.6 0.0 35.4

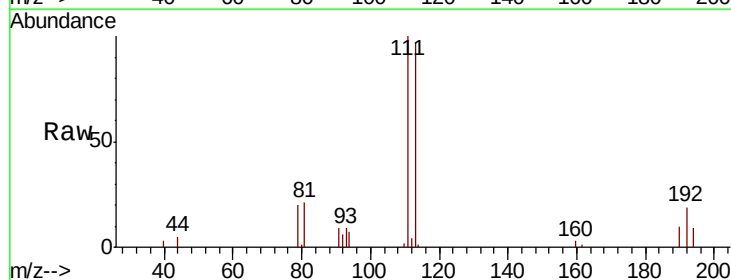


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

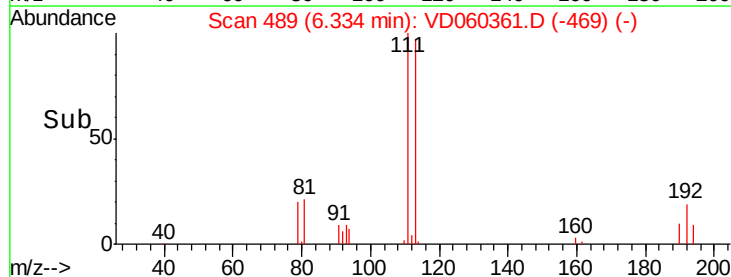
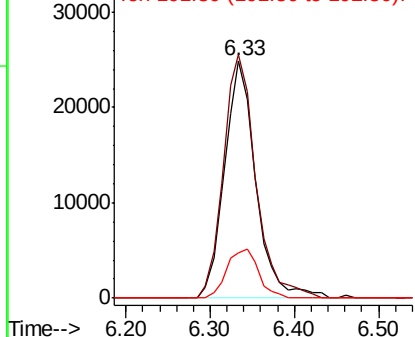


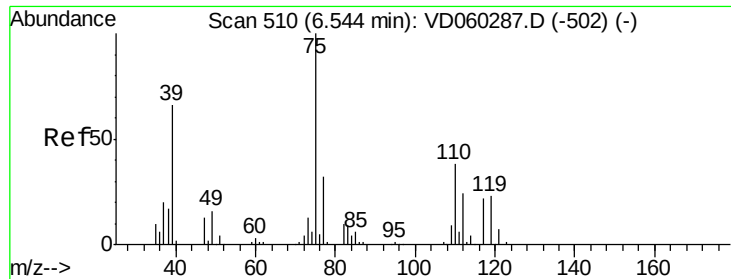
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VD060361.D
 Acq: 13 Nov 2018 15:30

Tgt Ion:113 Resp: 64327
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 19.3 16.5 24.7



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

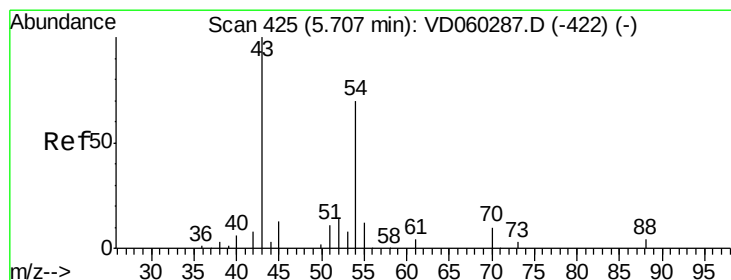
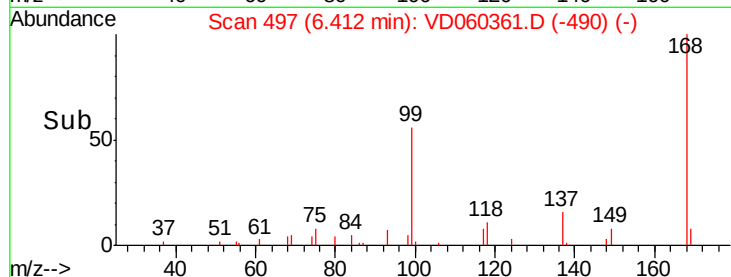
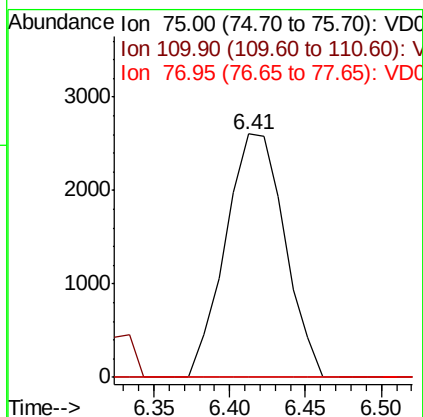
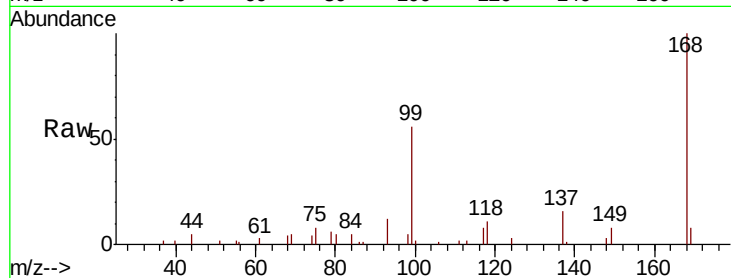




#36
 1,1-Dichloropropene
 Concen: 4.390 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.13 min
 Lab File: VD060361.D
 Acq: 13 Nov 2018 15:30

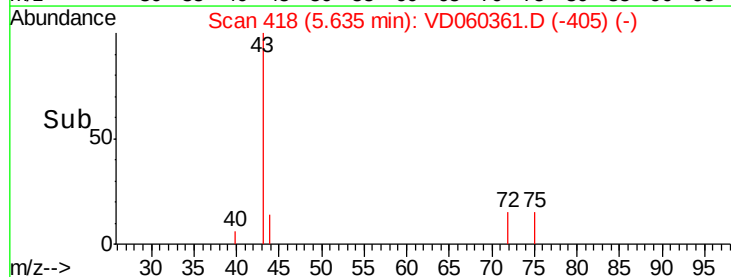
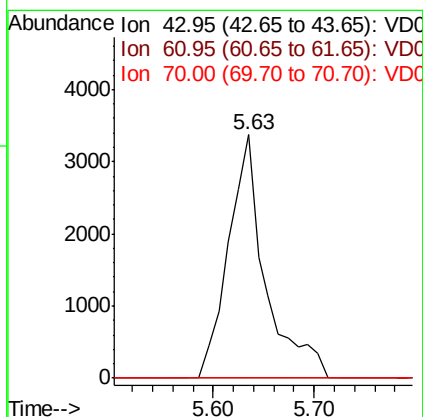
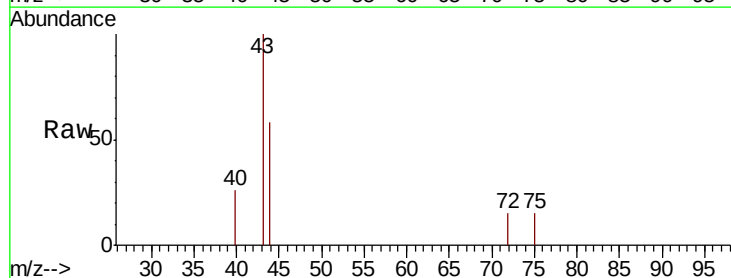
Instrument :
 MSVOA_D
 ClientSampleId :

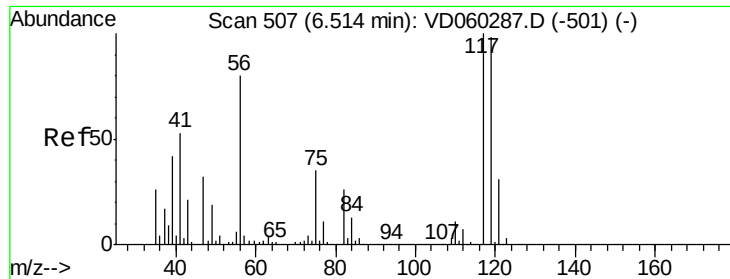
Tot Ion: 75 Resp: 7074
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.0 54.0#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 11.544 ug/l
 RT: 5.63 min Scan# 418
 Delta R.T. -0.07 min
 Lab File: VD060361.D
 Acq: 13 Nov 2018 15:30

Tgt Ion: 43 Resp: 8559
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 6.2 9.4#

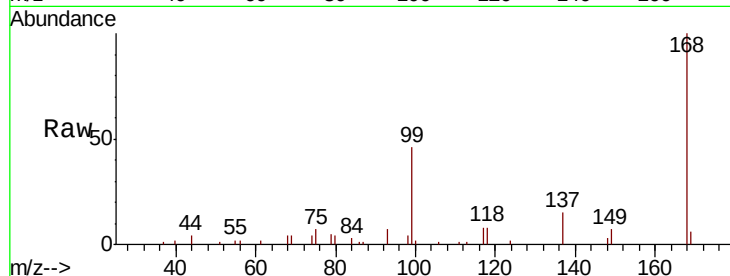




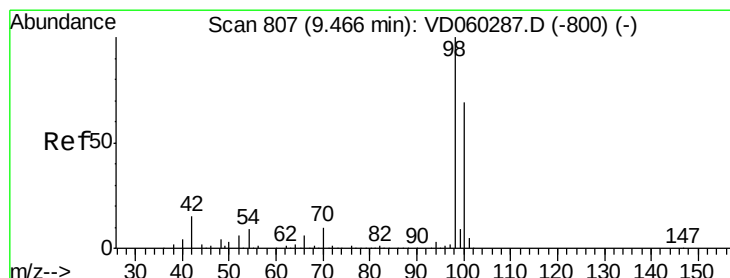
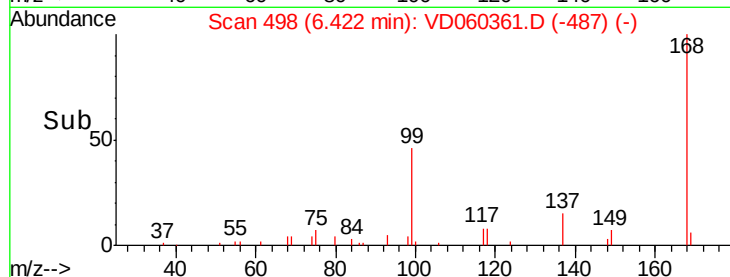
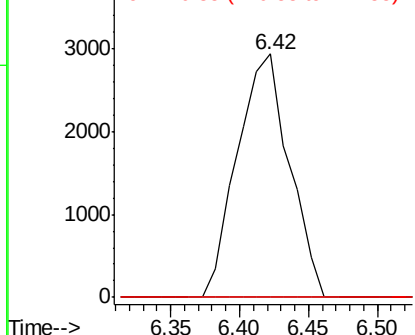
#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 6.42 min Scan# 498
Delta R.T. -0.09 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 7703
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.3 36.5#

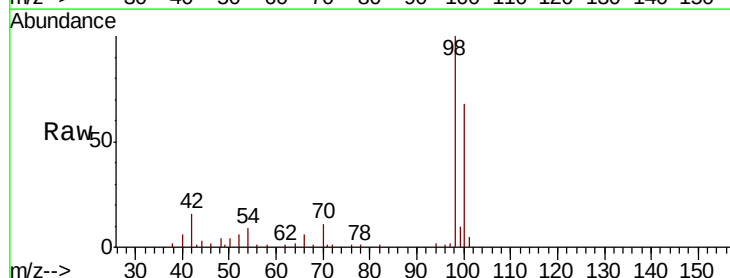


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

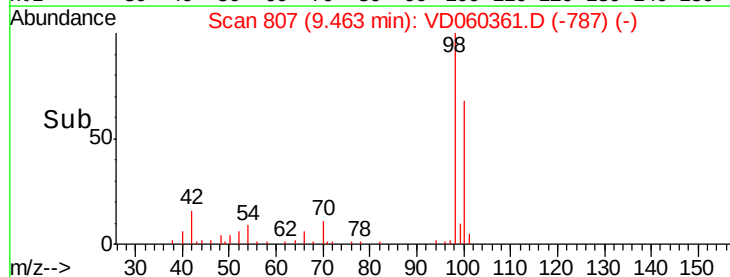
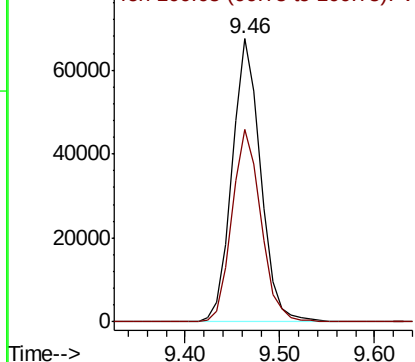


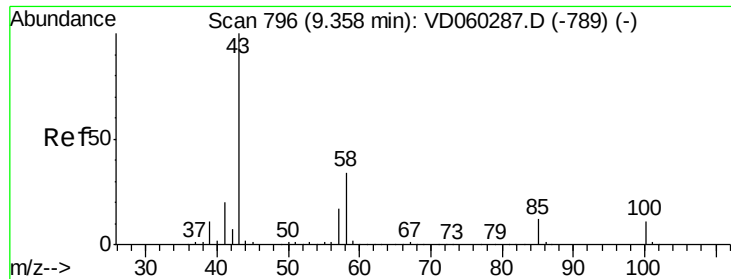
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

Tgt Ion: 98 Resp: 140589
Ion Ratio Lower Upper
98 100
100 67.9 55.2 82.8



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: 4.128 ug/l

RT: 9.35 min Scan# 796

Delta R.T. -0.00 min

Lab File: VD060361.D

Acq: 13 Nov 2018 15:30

Instrument :

MSVOA_D

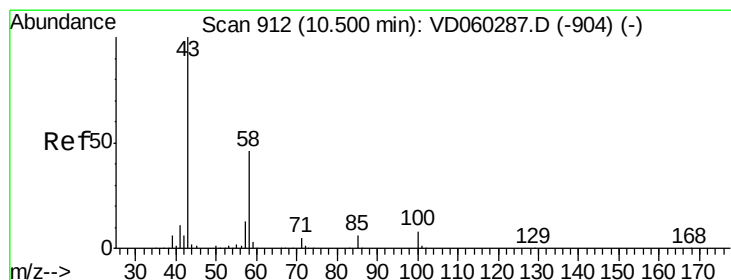
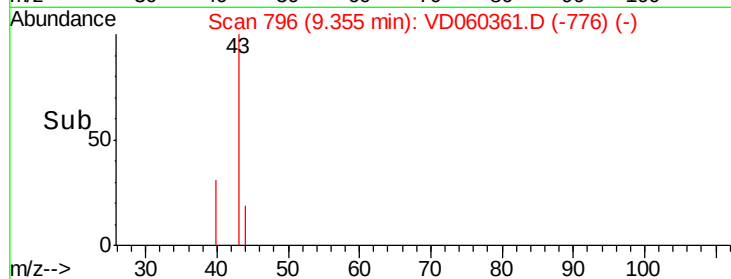
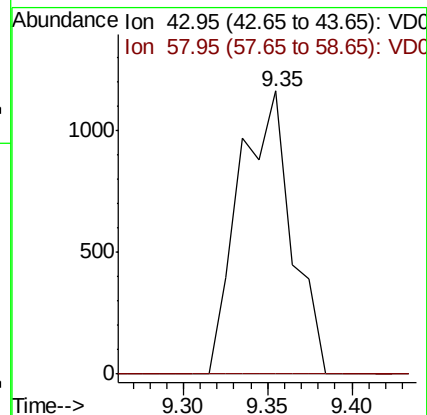
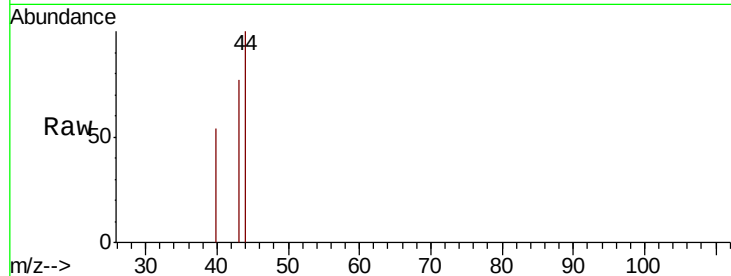
ClientSampled :

Tot Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 4.805 ug/l

RT: 10.50 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD060361.D

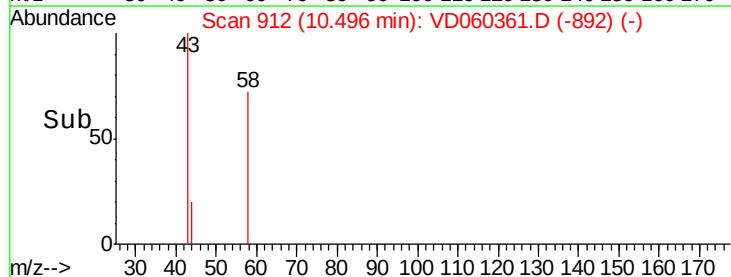
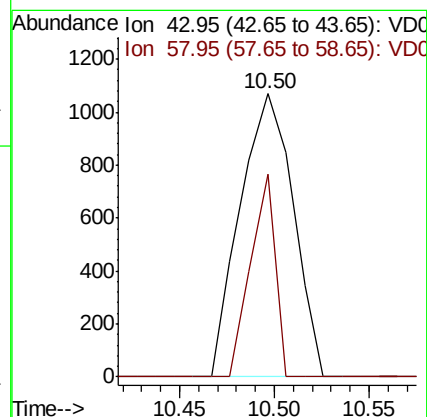
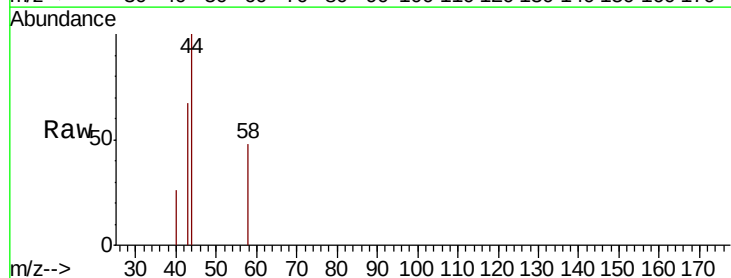
Acq: 13 Nov 2018 15:30

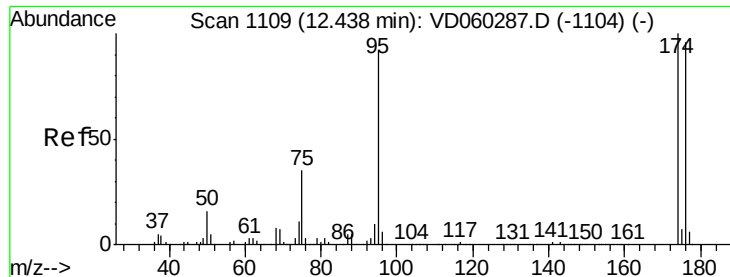
Tgt Ion: 43 Resp: 2076

Ion Ratio Lower Upper

43 100

58 71.7 22.9 68.5#

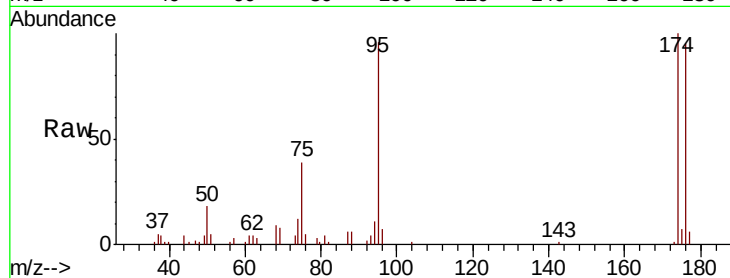




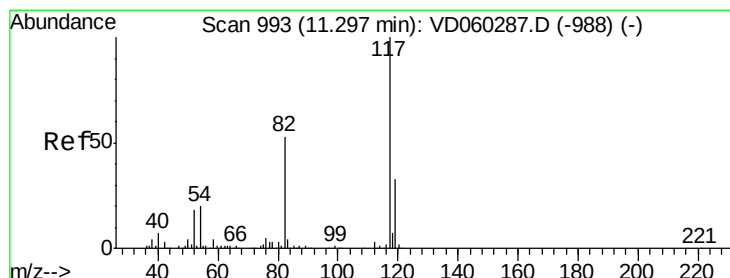
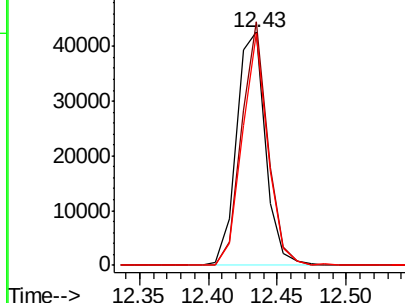
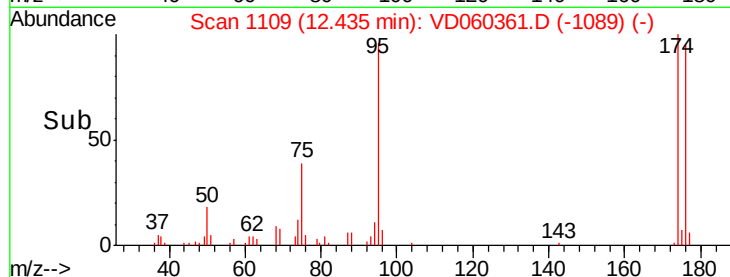
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 62358
Ion Ratio Lower Upper
95 100
174 104.5 0.0 160.8
176 99.8 0.0 154.6

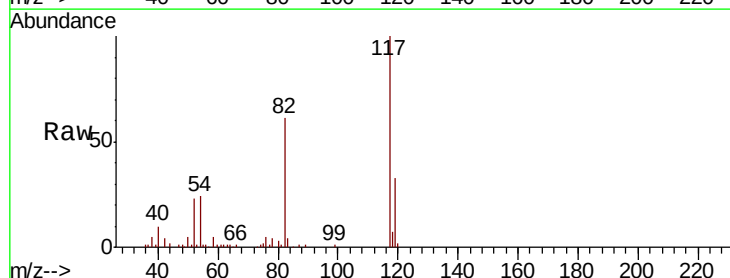


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

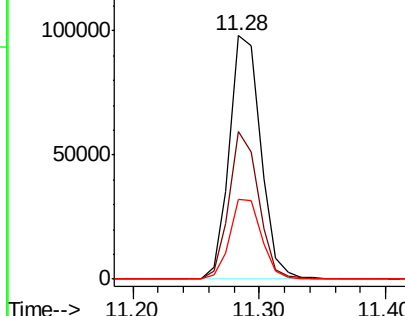
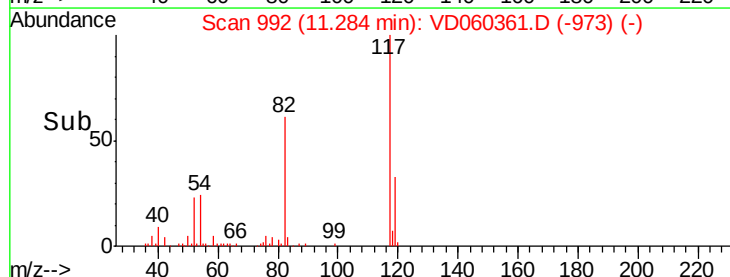


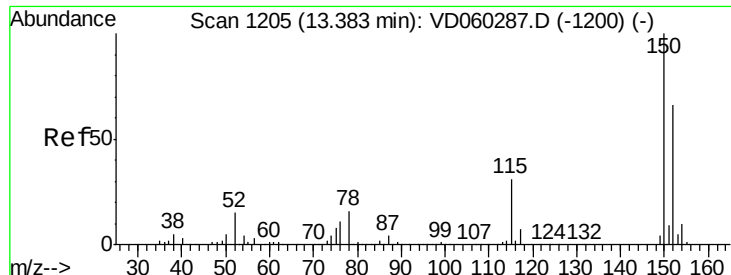
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060361.D
Acq: 13 Nov 2018 15:30

Tgt Ion: 117 Resp: 168390
Ion Ratio Lower Upper
117 100
82 60.6 43.7 65.5
119 33.0 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: VD060361.D

Acq: 13 Nov 2018 15:30

Instrument :

MSVOA_D

ClientSampleId :

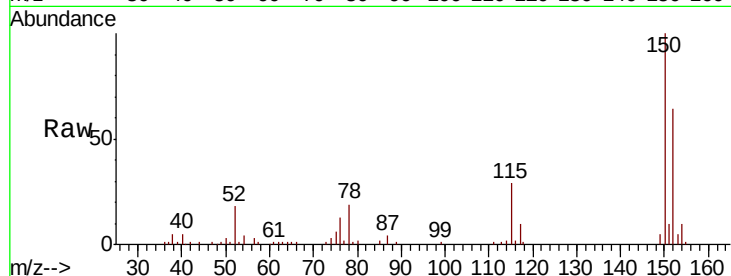
Tot Ion:152 Resp: 86097

Ion Ratio Lower Upper

152 100

115 45.4 24.1 72.3

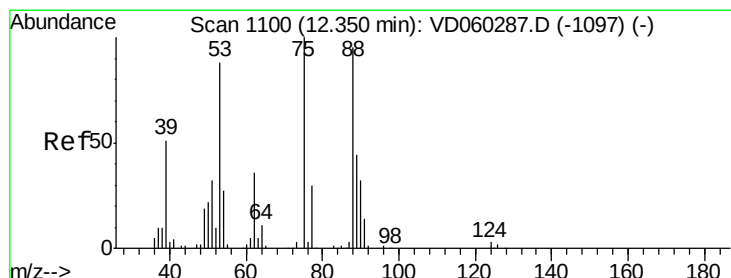
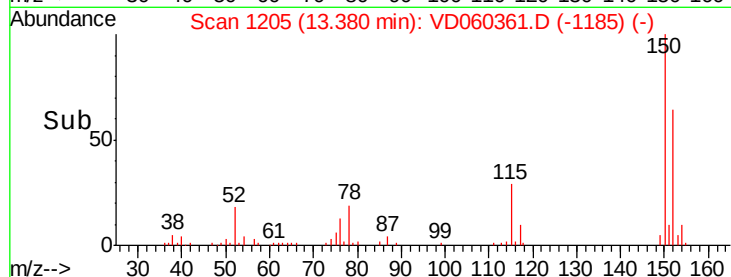
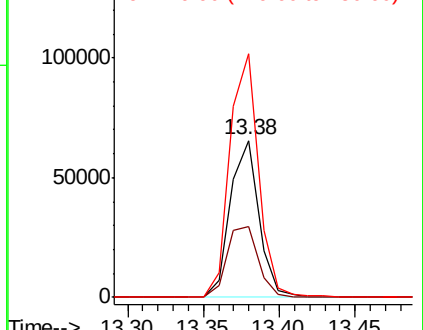
150 155.3 0.0 310.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 89.528 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060361.D

Acq: 13 Nov 2018 15:30

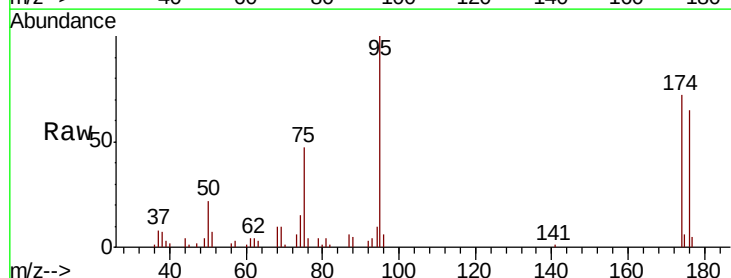
Tgt Ion: 75 Resp: 26251

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

