

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
 Data File : VD060322.D
 Acq On : 9 Nov 2018 19:55
 Operator : VA/AP
 Sample : J5884-15RE
 Misc : 4.47g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-D

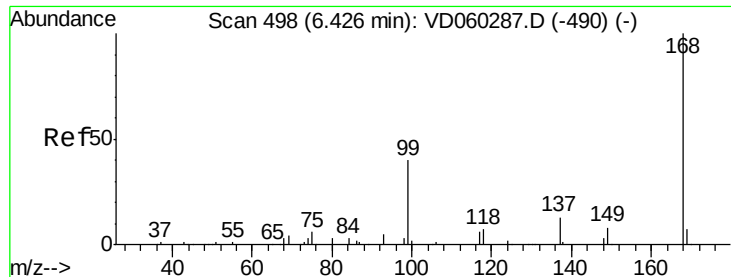
Quant Time: Nov 12 01:36:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	266862	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.46	114	402158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	323571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	121725	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	178297	93.31	ug/l	0.00
Spiked Amount	50.000			Recovery	=	186.62%	
35) Dibromofluoromethane		6.33	113	180855	60.31	ug/l	0.00
Spiked Amount	50.000			Recovery	=	120.62%	
50) Toluene-d8		9.46	98	415776	47.37	ug/l	0.00
Spiked Amount	50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene		12.43	95	133945	42.12	ug/l	0.00
Spiked Amount	50.000			Recovery	=	84.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.16	43	167962	506.758	ug/l	99
18) Methyl Acetate	3.56	43	1740	2.462	ug/l #	63
20) Methylene Chloride	3.73	84	6921	2.354	ug/l	94
25) 2-Butanone	5.62	43	116586	169.228	ug/l	95
29) Tetrahydrofuran	5.96	42	1677	4.617	ug/l #	41
31) Cyclohexane	6.40	56	5414	1.187	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	19883	5.004	ug/l #	47
37) Ethyl Acetate	5.62	43	117127	64.064	ug/l #	69
38) Carbon Tetrachloride	6.41	117	19956	5.415	ug/l #	12
51) 4-Methyl-2-Pentanone	9.46	43	2892	1.935	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.43	75	57579	138.894	ug/l #	15

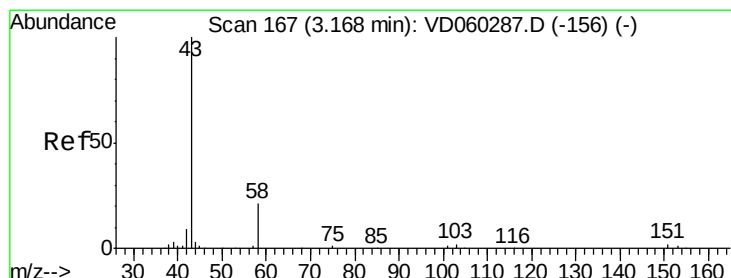
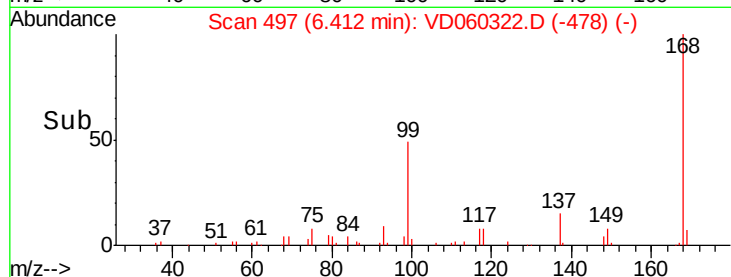
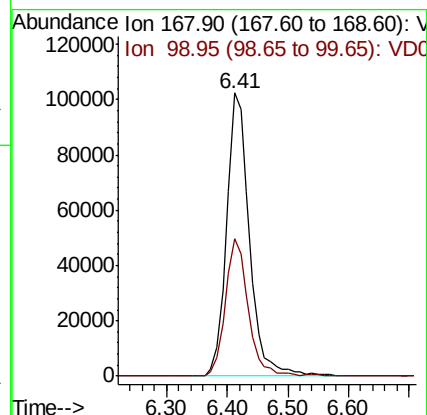
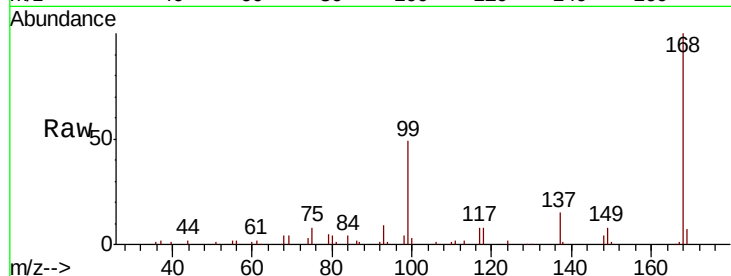
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

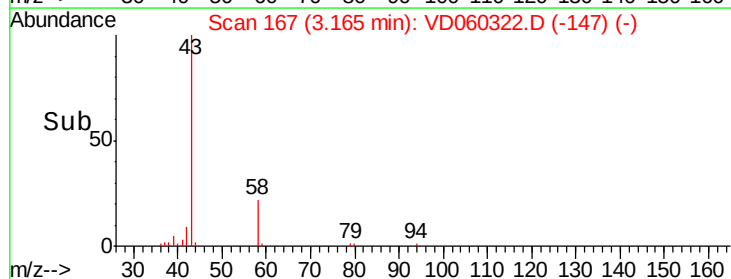
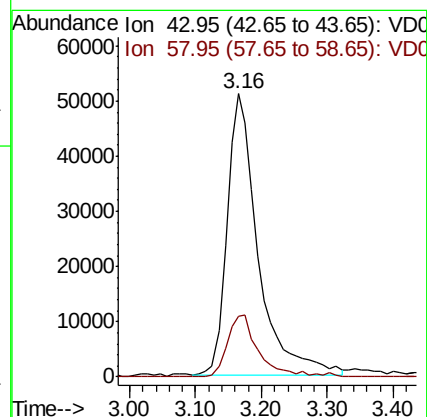
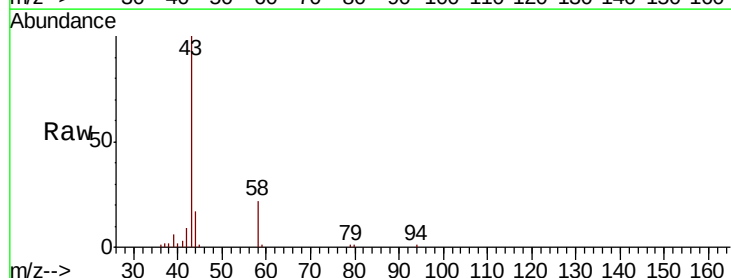
Instrument :
MSVOA_D
ClientSampleId :
TP-8A-D

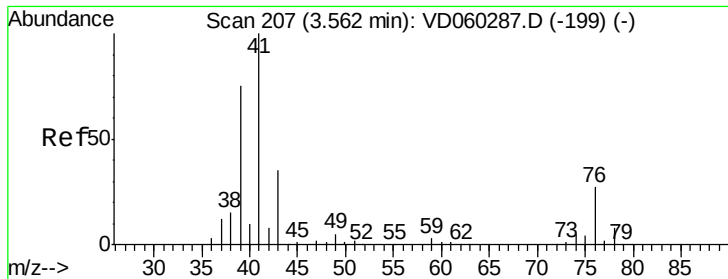
Tgt Ion: 168 Resp: 266862
Ion Ratio Lower Upper
168 100
99 48.7 39.8 59.8



#16
Acetone
Concen: 506.758 ug/l
RT: 3.16 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Tgt Ion: 43 Resp: 167962
Ion Ratio Lower Upper
43 100
58 21.6 16.9 25.3

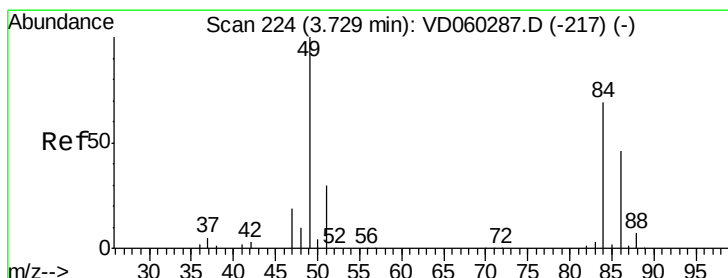
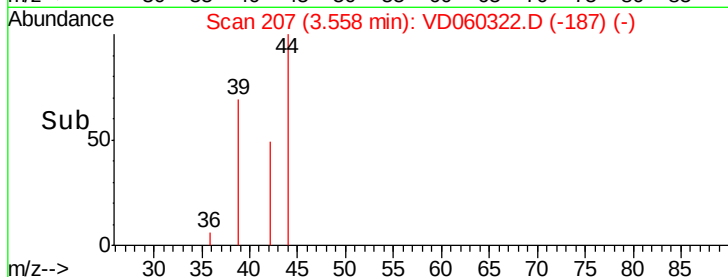
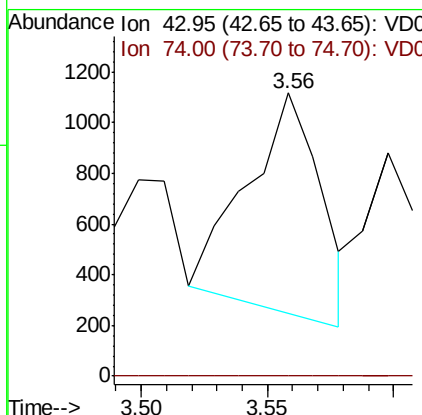
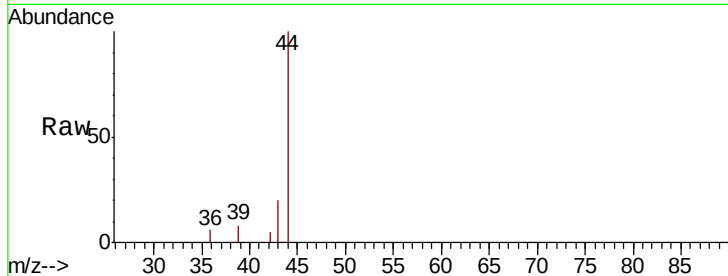




#18
Methyl Acetate
Concen: 2.462 ug/l
RT: 3.56 min Scan# 207
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

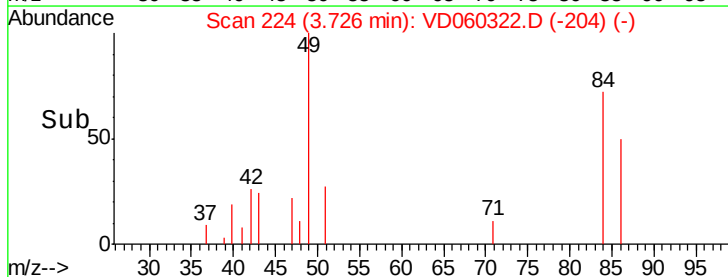
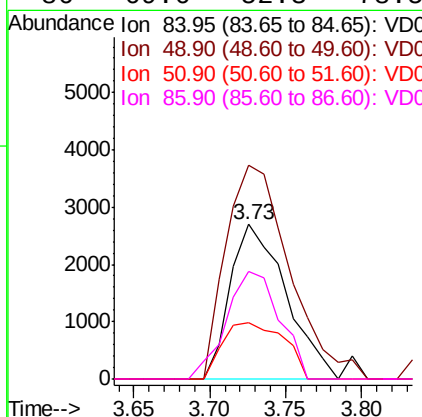
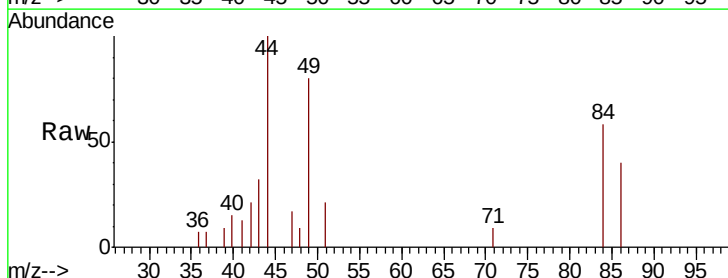
Instrument :
MSVOA_D
ClientSampleId :
TP-8A-D

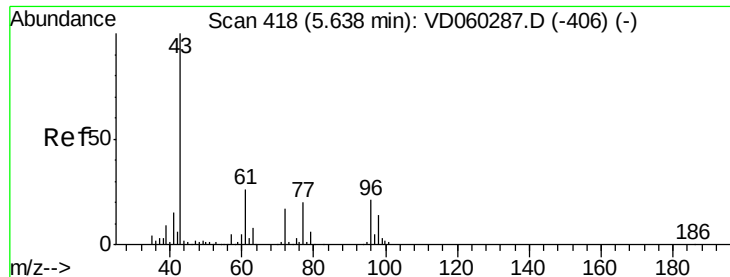
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
74 0.0 12.4 18.6#



#20
Methylene Chloride
Concen: 2.354 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Tgt Ion: 84 Resp: 6921
Ion Ratio Lower Upper
84 100
49 138.5 115.6 173.4
51 36.9 35.6 53.4
86 69.6 52.3 78.5

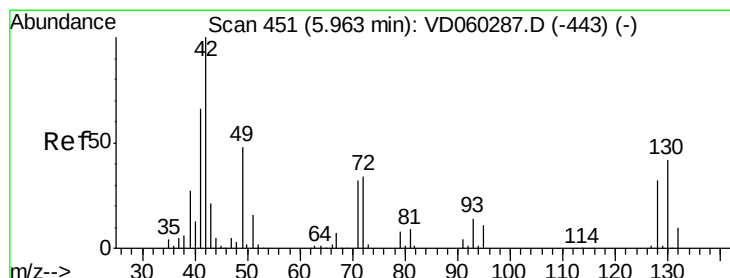
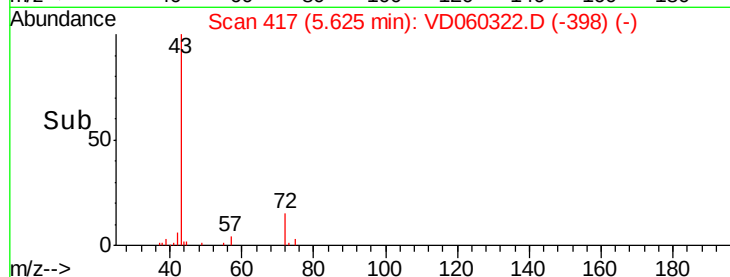
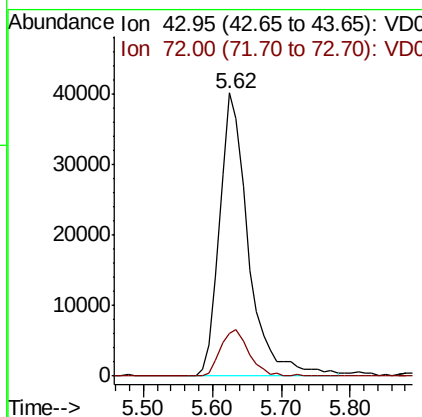
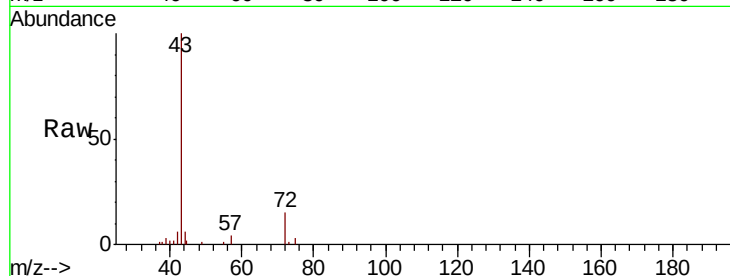




#25
2-Butanone
Concen: 169.228 ug/l
RT: 5.62 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

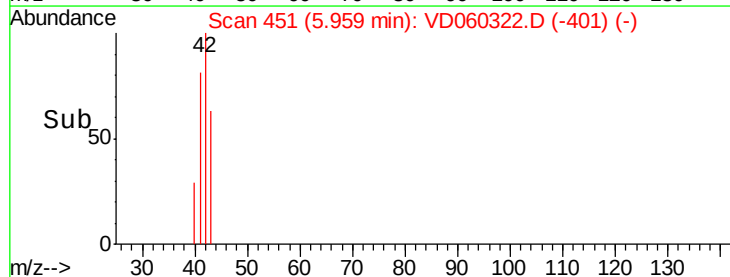
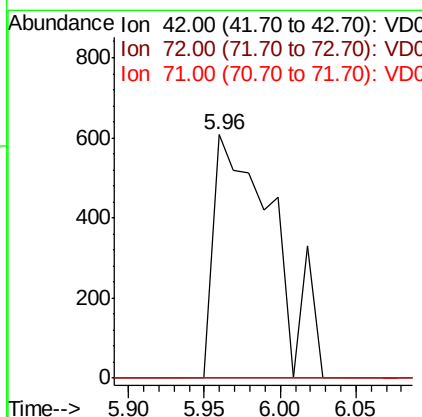
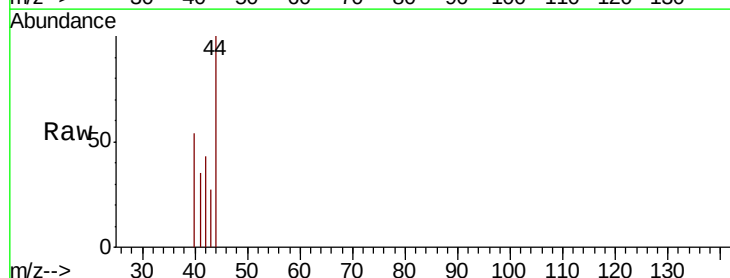
Instrument :
MSVOA_D
ClientSampleId :
TP-8A-D

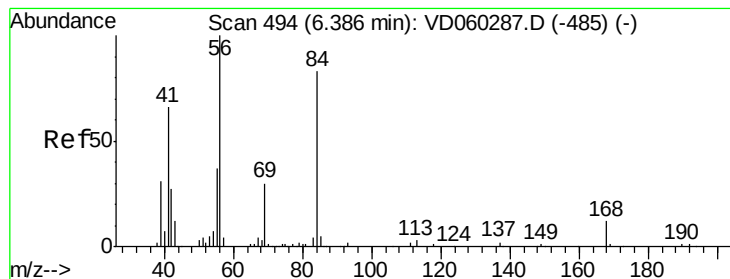
Tgt Ion: 43 Resp: 116586
Ion Ratio Lower Upper
43 100
72 15.2 13.8 20.8



#29
Tetrahydrofuran
Concen: 4.617 ug/l
RT: 5.96 min Scan# 451
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Tgt Ion: 42 Resp: 1677
Ion Ratio Lower Upper
42 100
72 0.0 27.6 41.4#
71 0.0 26.5 39.7#





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-D

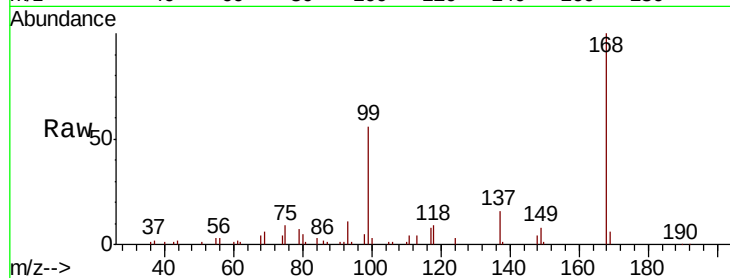
Tgt Ion: 56 Resp: 5414

Ion Ratio Lower Upper

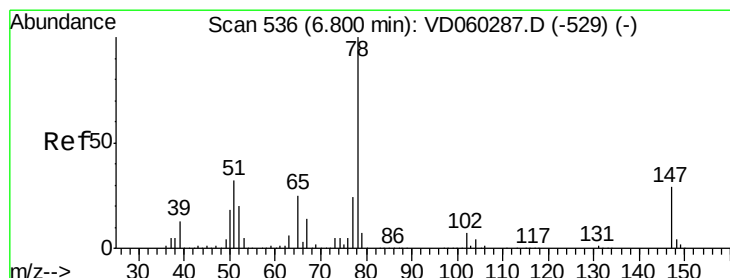
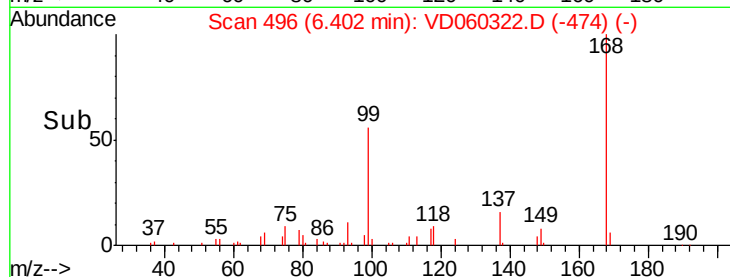
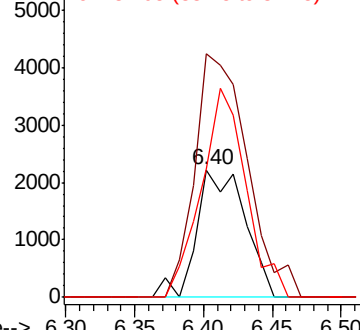
56 100

69 191.4 22.2 33.2#

84 101.0 63.0 94.4#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060322.D

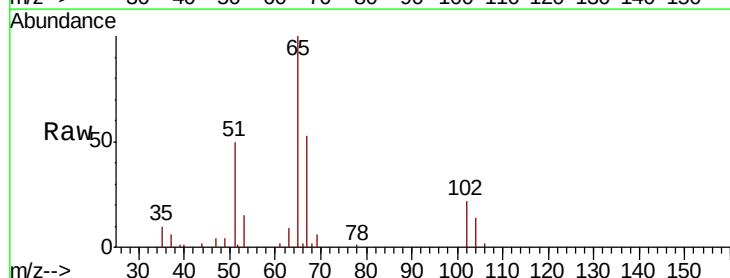
Acq: 9 Nov 2018 19:55

Tgt Ion: 65 Resp: 178297

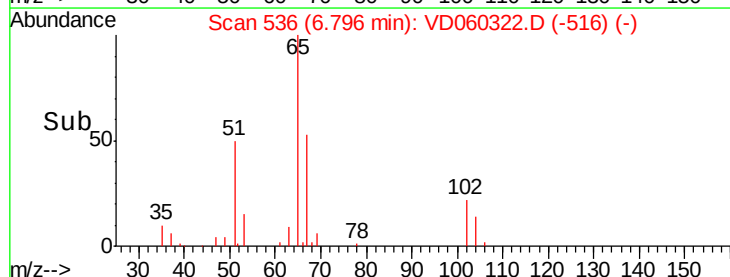
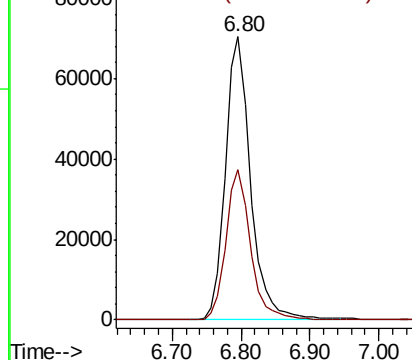
Ion Ratio Lower Upper

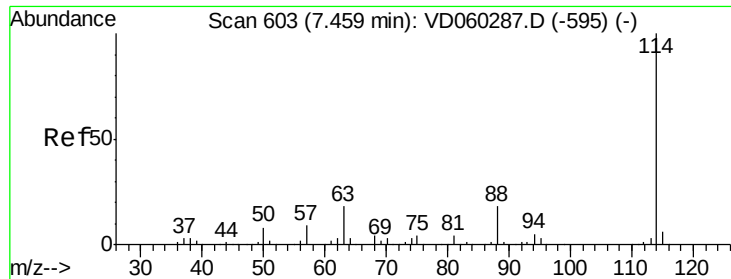
65 100

67 53.2 0.0 109.8



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: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-D

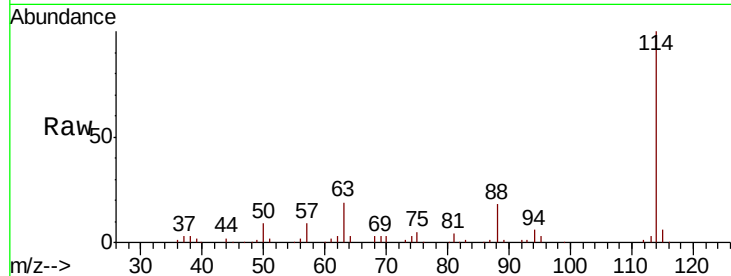
Tgt Ion:114 Resp: 402158

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

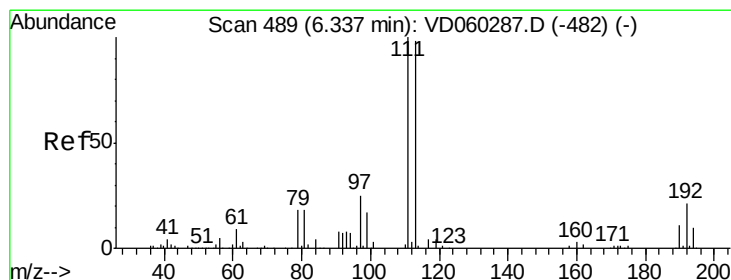
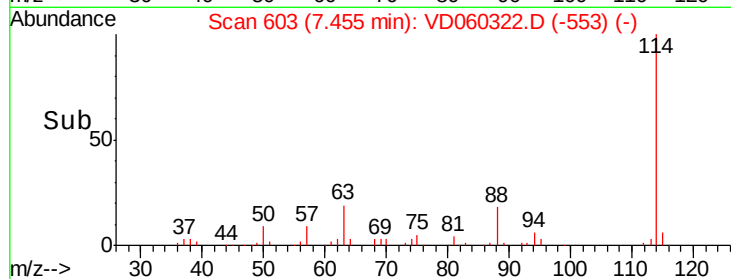
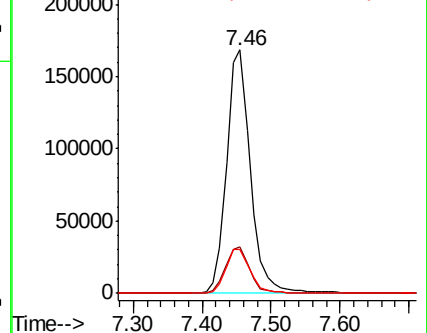
88 18.1 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VD0

Ion 87.90 (87.60 to 88.60): VD0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 489

Delta R.T. -0.00 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

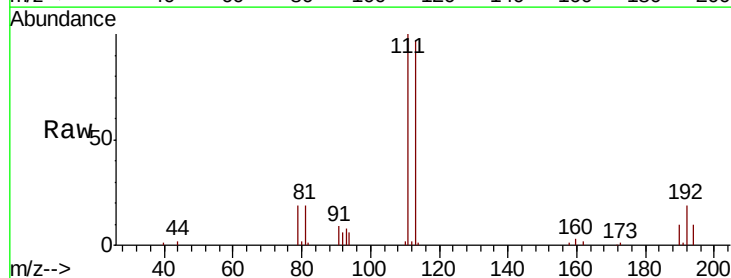
Tgt Ion:113 Resp: 180855

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

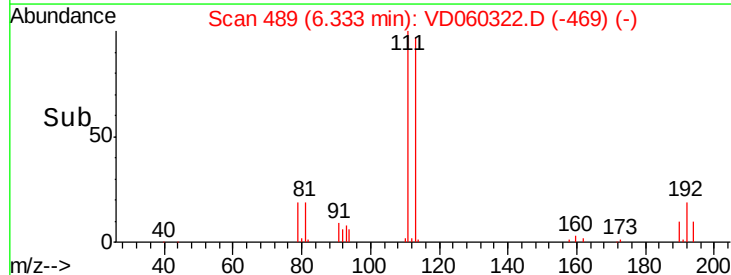
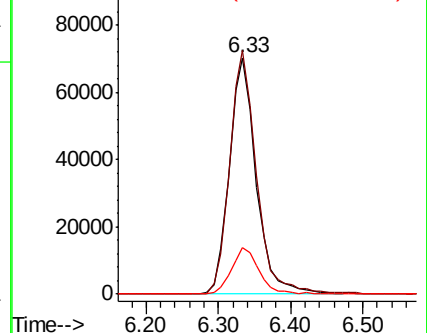
192 19.9 16.5 24.7

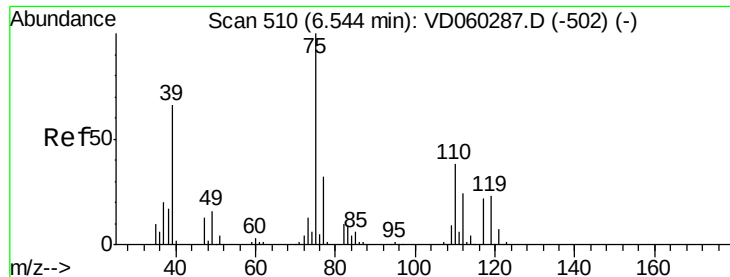


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.13 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampled :

TP-8A-D

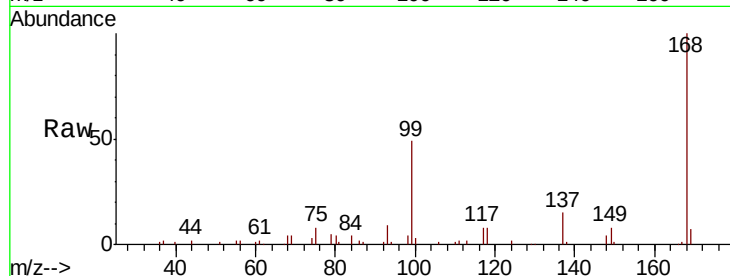
Tgt Ion: 75 Resp: 19883

Ion Ratio Lower Upper

75 100

110 6.8 18.0 54.0#

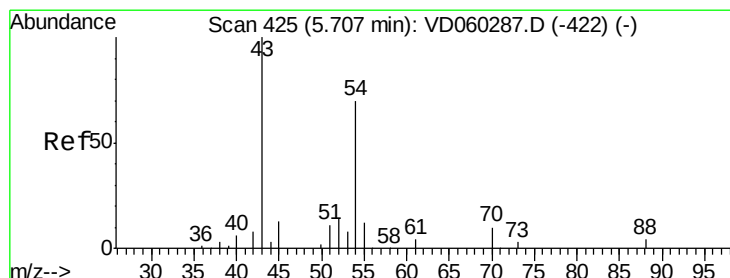
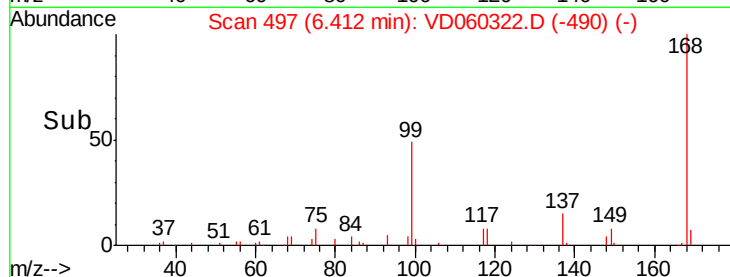
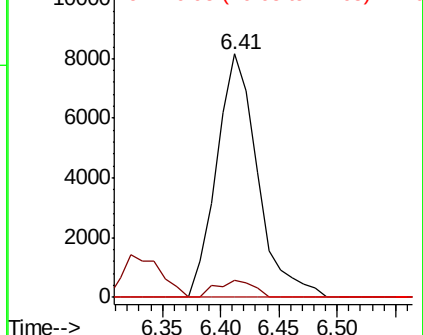
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 64.064 ug/l

RT: 5.62 min Scan# 417

Delta R.T. -0.08 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

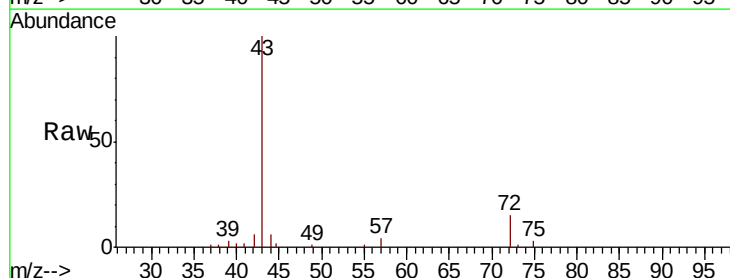
Tgt Ion: 43 Resp: 117127

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

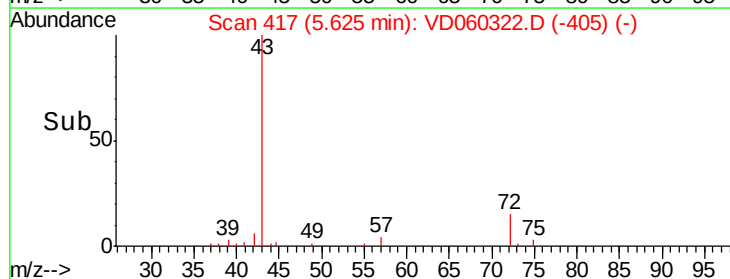
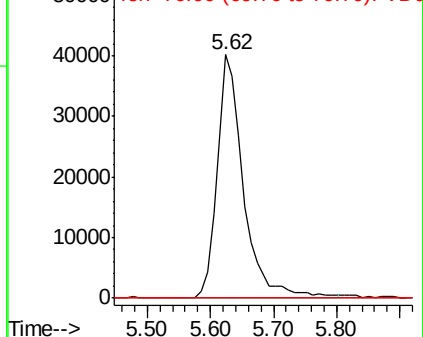
70 0.0 6.2 9.4#

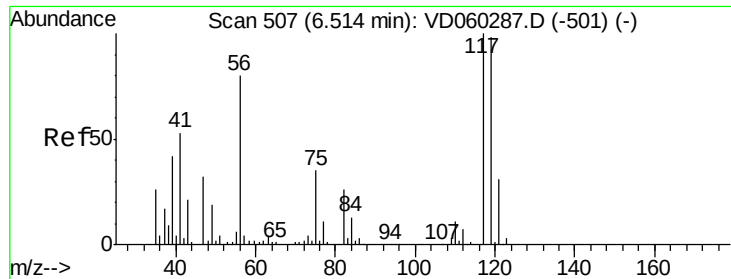


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

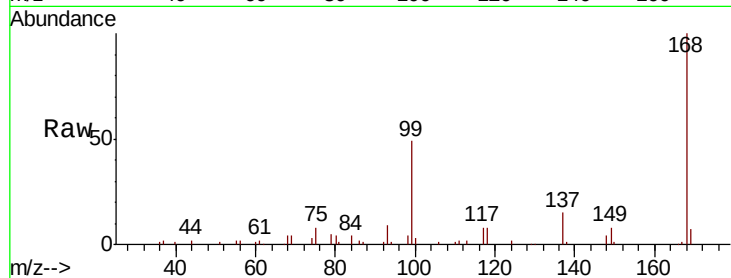




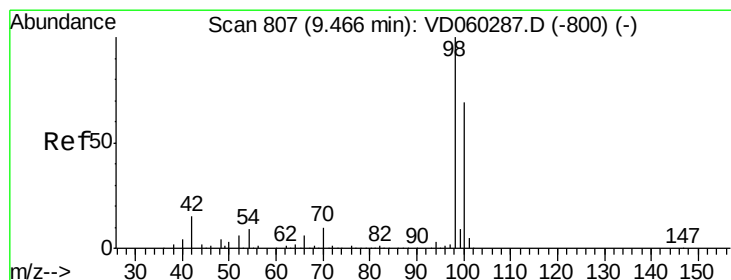
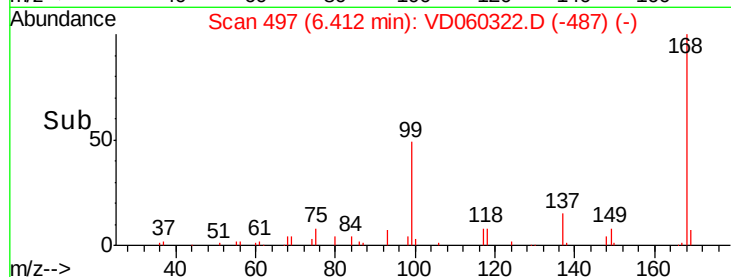
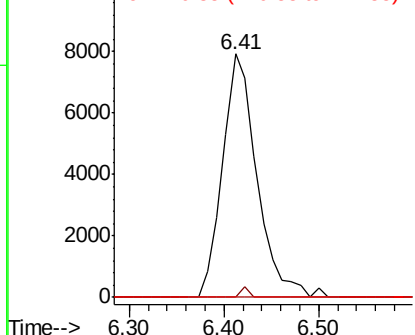
#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Instrument :
MSVOA_D
ClientSampleID :
TP-8A-D

Tgt Ion: 117 Resp: 19956
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.3 36.5#

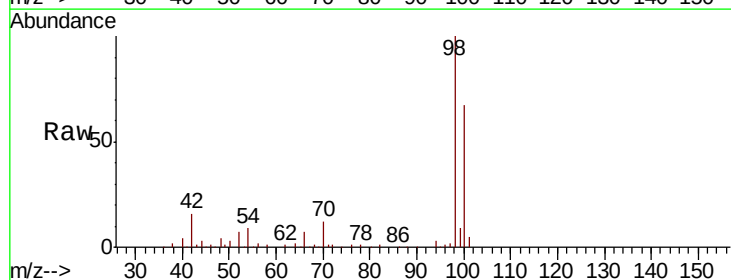


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

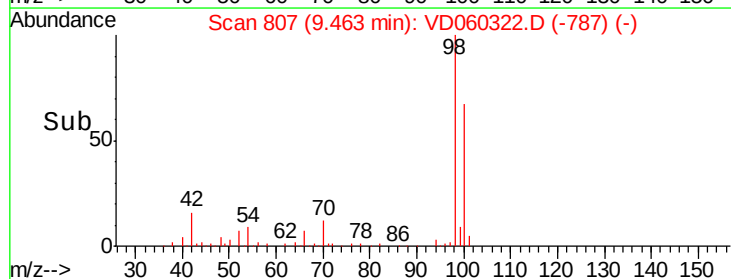
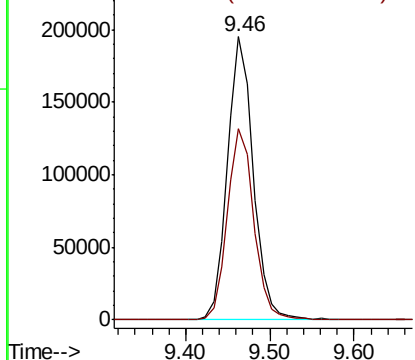


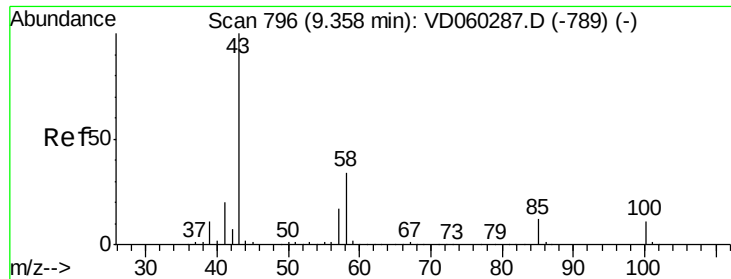
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Tgt Ion: 98 Resp: 415776
Ion Ratio Lower Upper
98 100
100 67.4 55.2 82.8



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

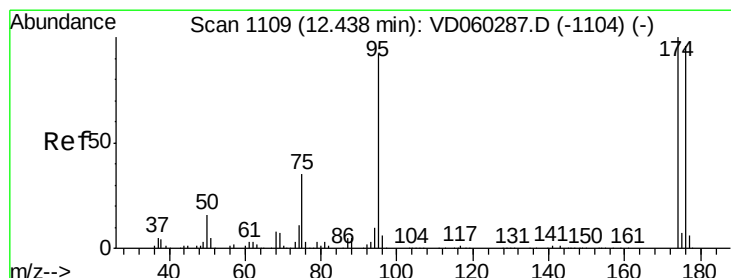
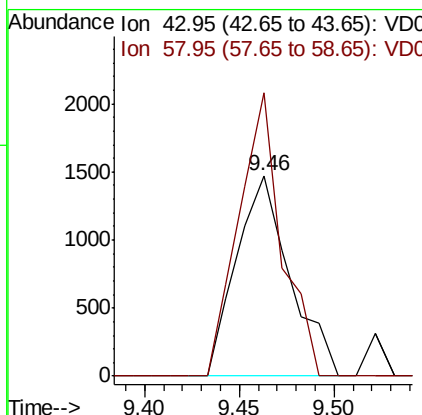
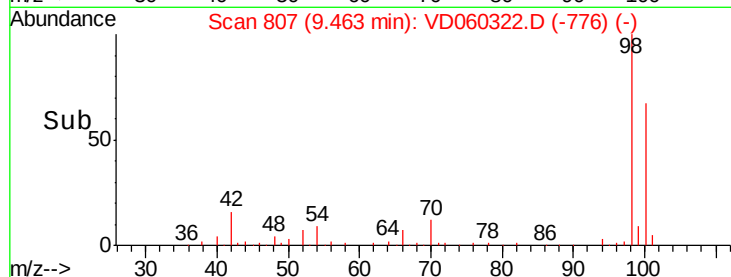
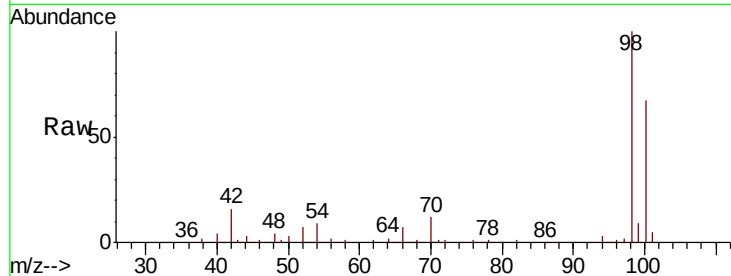




#51
 4-Methyl-2-Pentanone
 Concen: 1.935 ug/l
 RT: 9.46 min Scan# 807
 Delta R.T. 0.10 min
 Lab File: VD060322.D
 Acq: 9 Nov 2018 19:55

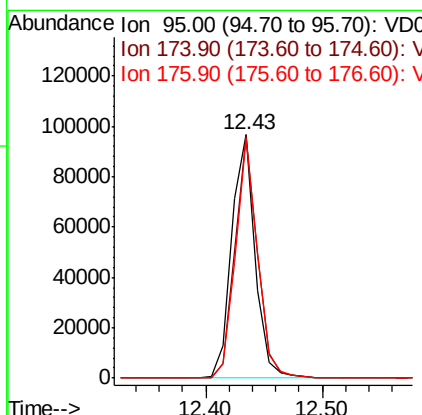
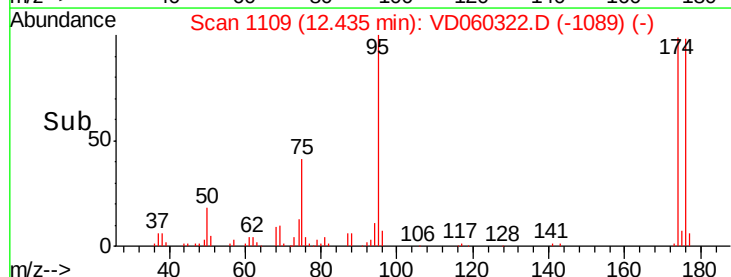
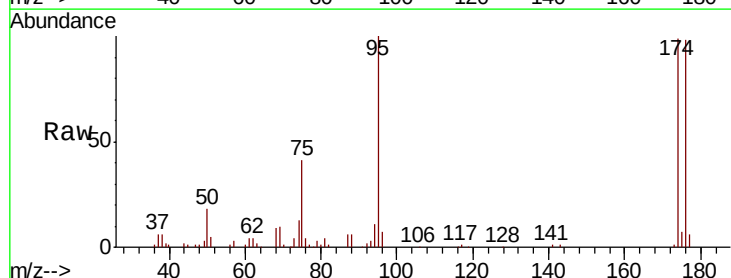
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8A-D

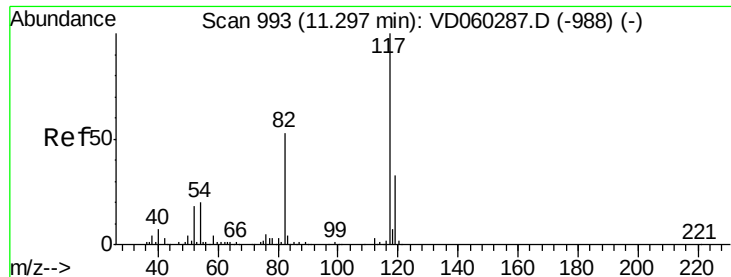
Tgt Ion: 43 Resp: 2892
 Ion Ratio Lower Upper
 43 100
 58 141.1 26.1 39.1#



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.43 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VD060322.D
 Acq: 9 Nov 2018 19:55

Tgt Ion: 95 Resp: 133945
 Ion Ratio Lower Upper
 95 100
 174 99.4 0.0 160.8
 176 98.5 0.0 154.6

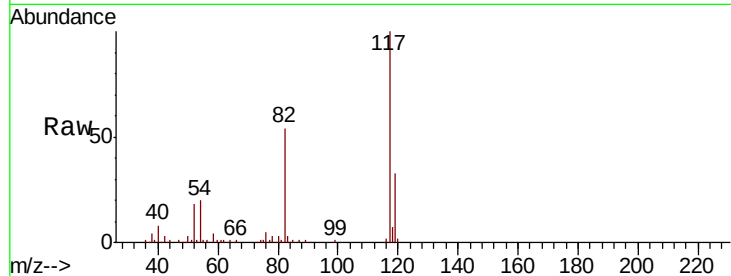




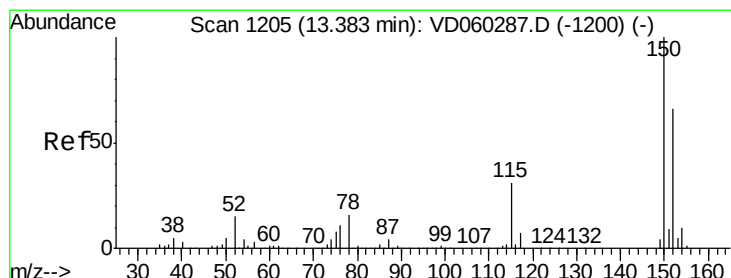
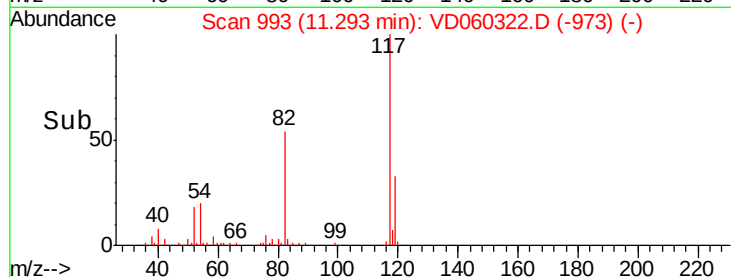
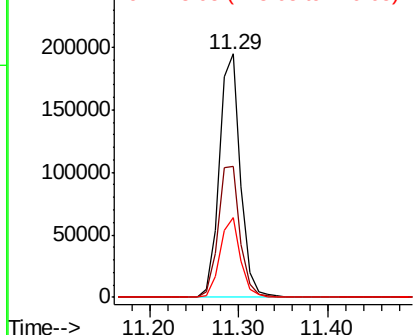
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Instrument :
MSVOA_D
ClientSampleId :
TP-8A-D

Tgt Ion:117 Resp: 323571
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 33.0 26.1 39.1

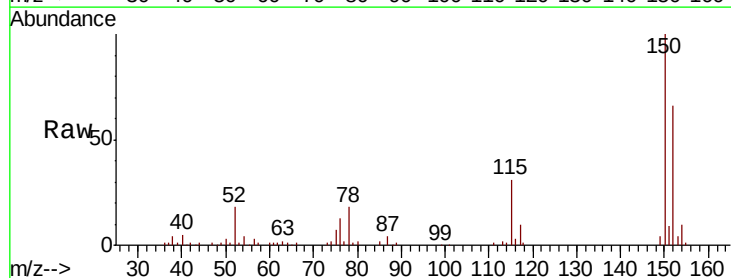


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

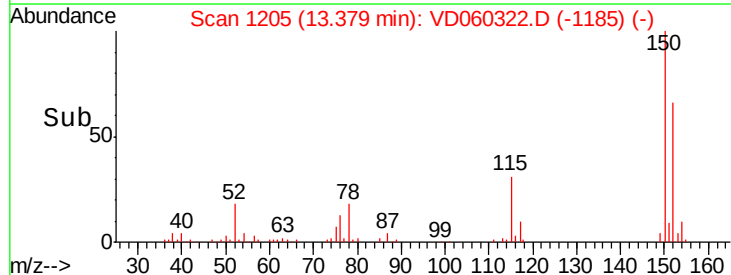
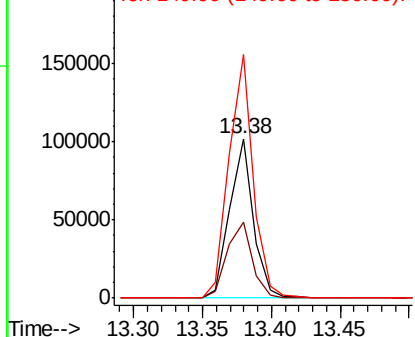


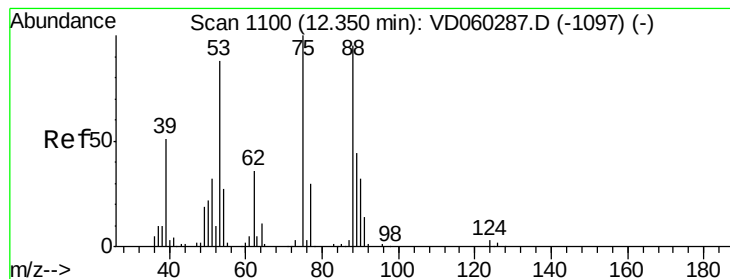
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060322.D
Acq: 9 Nov 2018 19:55

Tgt Ion:152 Resp: 121725
Ion Ratio Lower Upper
152 100
115 47.8 24.1 72.3
150 152.6 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: 138.894 ug/l

RT: 12.43 min Scan# 1109

Delta R.T. 0.08 min

Lab File: VD060322.D

Acq: 9 Nov 2018 19:55

Instrument :

MSVOA_D

ClientSampleId :

TP-8A-D

Tgt Ion: 75 Resp: 57579

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#

