

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060362.D
 Acq On : 13 Nov 2018 15:58
 Operator : JC/SY
 Sample : J5889-04RE
 Misc : 11.42g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 05:50:01 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

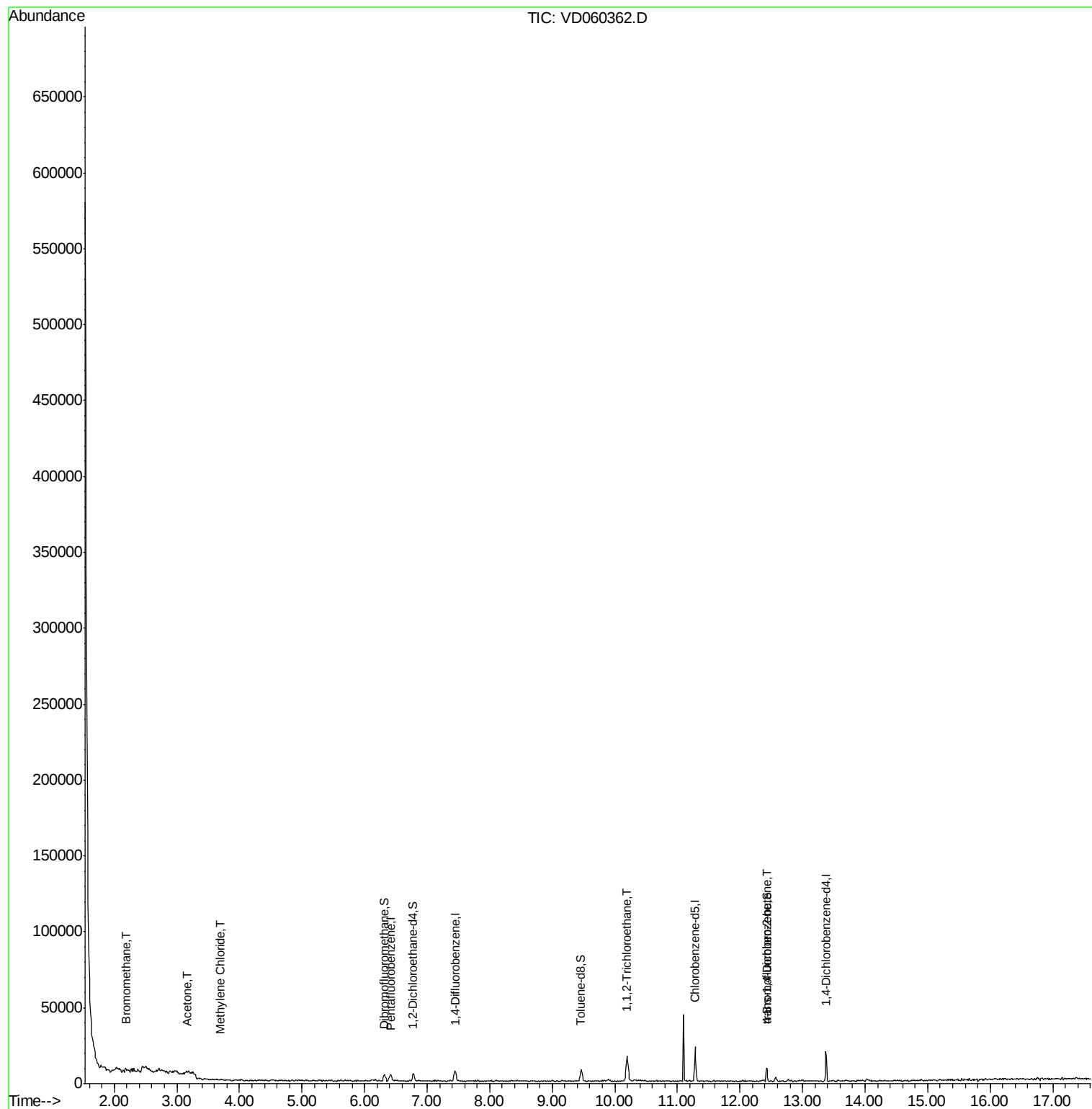
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	5775	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	11204	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	11918	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	5143	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	4814	116.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	232.84%	
35) Dibromofluoromethane	6.31	113	3717	44.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.98%	
50) Toluene-d8	9.46	98	7812	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
62) 4-Bromofluorobenzene	12.43	95	3573	40.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	80.66%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	1305	123.126	ug/l #	2
16) Acetone	3.16	43	1323	184.452	ug/l #	55
20) Methylene Chloride	3.70	84	196	3.080	ug/l #	55
55) 1,1,2-Trichloroethane	10.18	97	179	3.422	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.43	75	1256	71.709	ug/l #	15

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

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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: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Instrument :

MSVOA_D

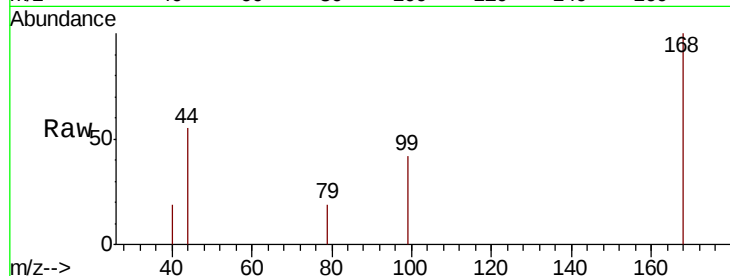
ClientSampleId :

Tot Ion:168 Resp: 5775

Ion Ratio Lower Upper

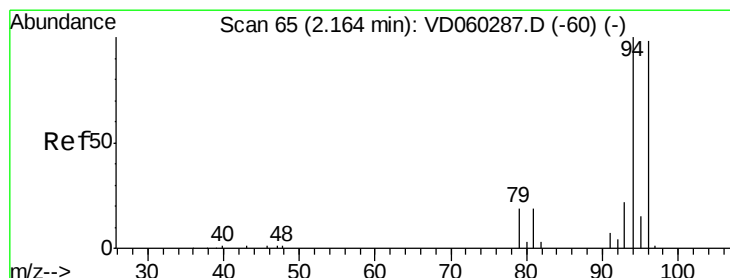
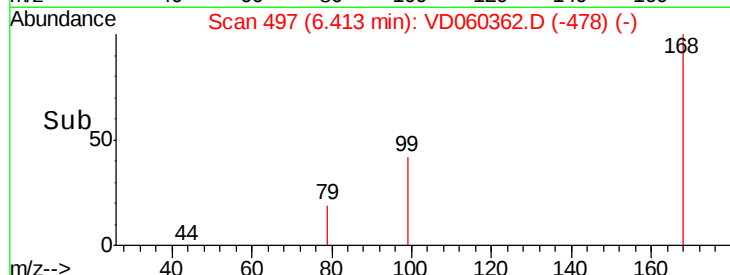
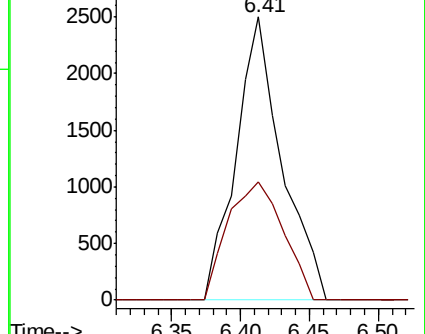
168 100

99 41.6 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: 123.126 ug/l

RT: 2.19 min Scan# 68

Delta R.T. 0.03 min

Lab File: VD060362.D

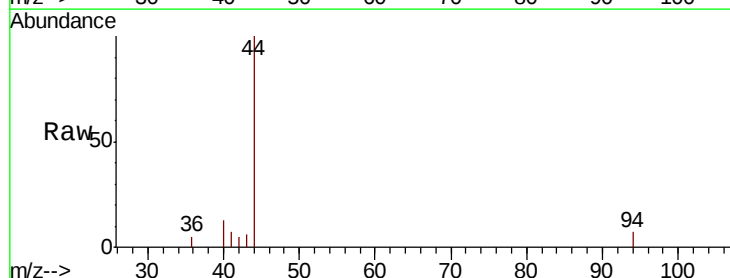
Acq: 13 Nov 2018 15:58

Tgt Ion: 94 Resp: 1305

Ion Ratio Lower Upper

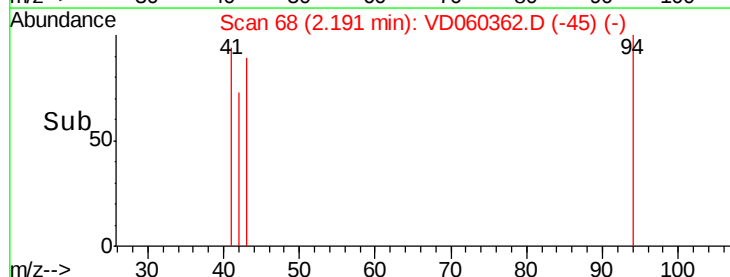
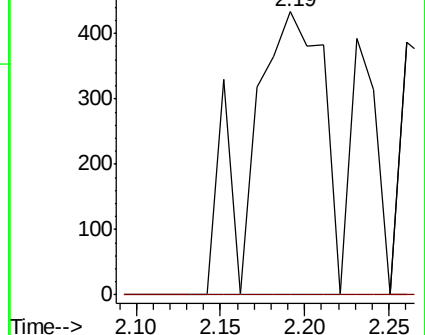
94 100

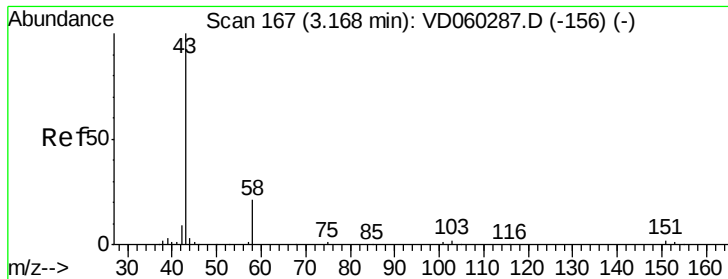
96 0.0 76.6 114.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 184.452 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Instrument :

MSVOA_D

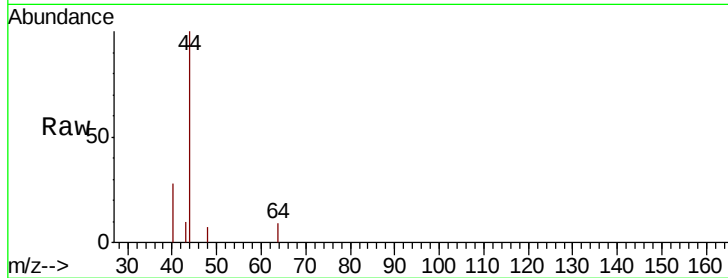
ClientSampleId :

Tot Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

500

400

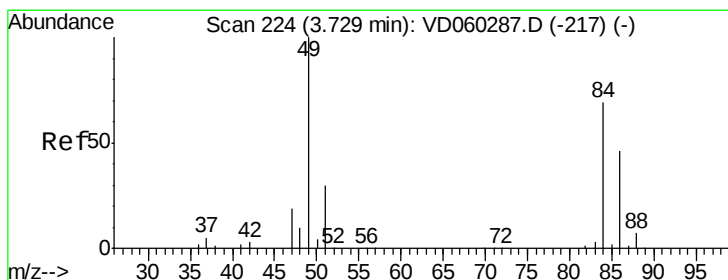
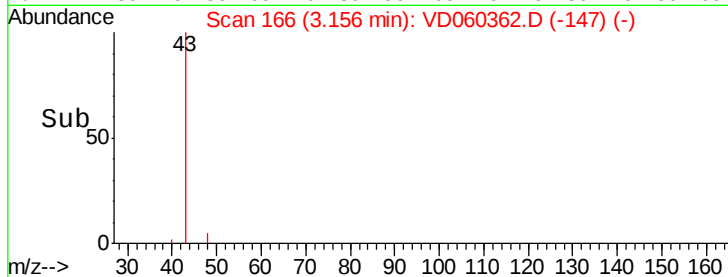
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 3.080 ug/l

RT: 3.70 min Scan# 221

Delta R.T. -0.03 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Tgt Ion: 84 Resp: 196

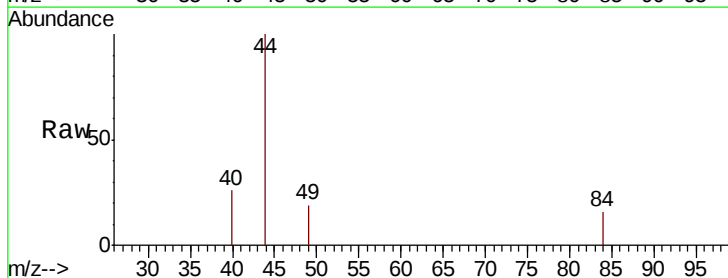
Ion Ratio Lower Upper

84 100

49 119.0 115.6 173.4

51 0.0 35.6 53.4#

86 0.0 52.3 78.5#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

800

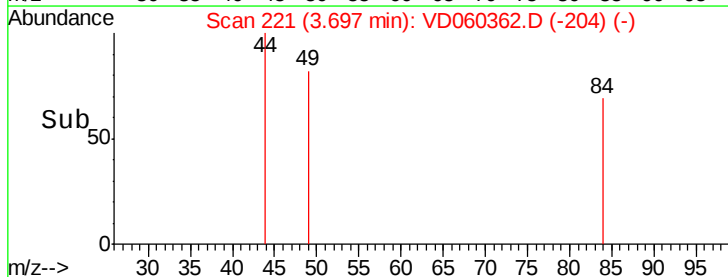
600

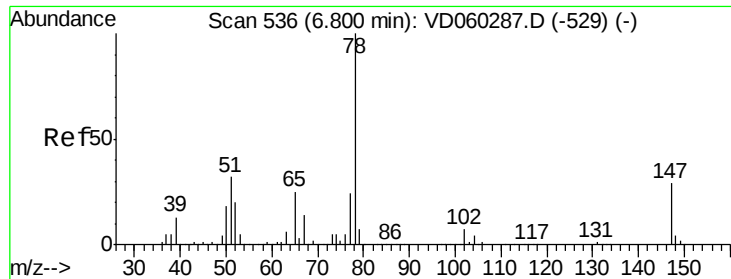
400

200

0

Time-->

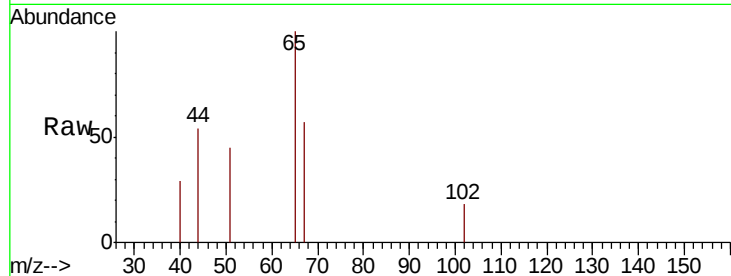




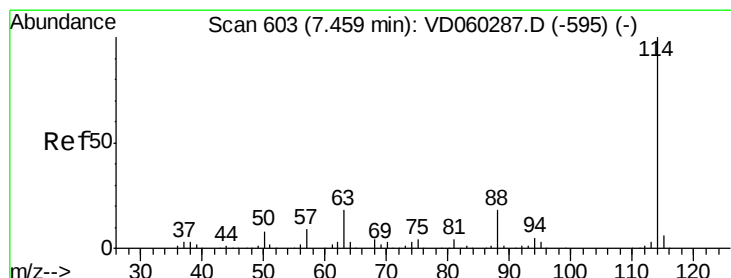
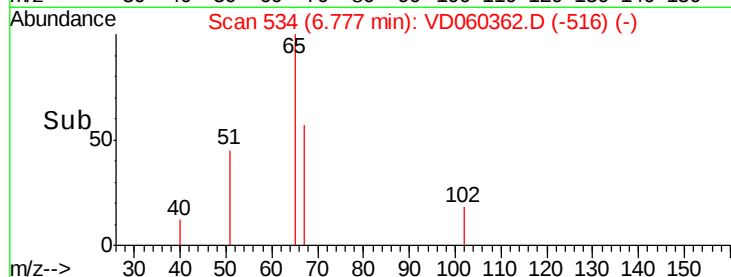
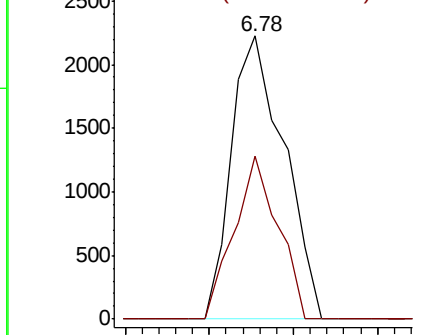
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. -0.02 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 4814
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 109.8

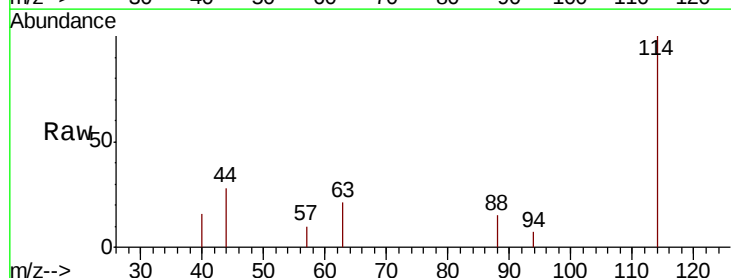


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

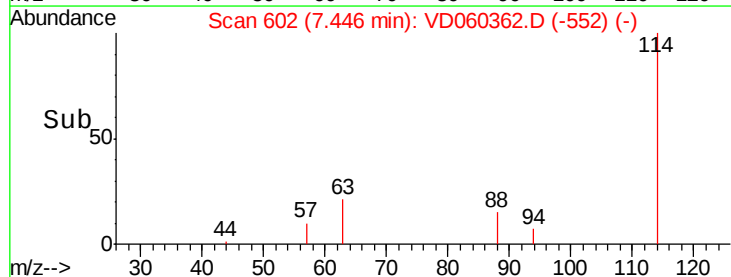
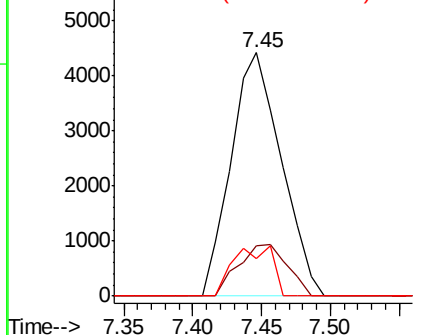


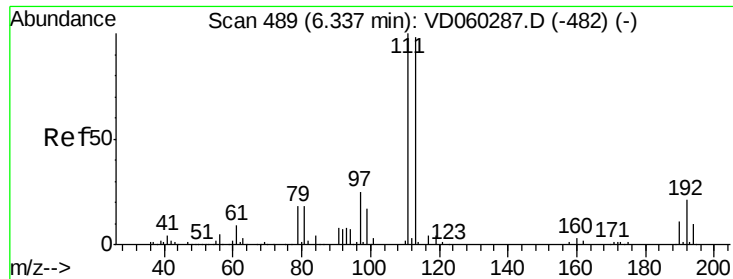
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Tgt Ion: 114 Resp: 11204
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 34.0
 88 15.3 0.0 35.4



Abundance Ion 114.00 (113.70 to 114.70): VDC
 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: 6.31 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

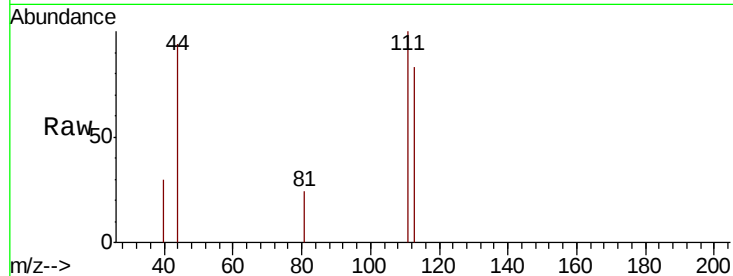
Tot Ion:113 Resp: 3717

Ion Ratio Lower Upper

113 100

111 119.8 81.6 122.4

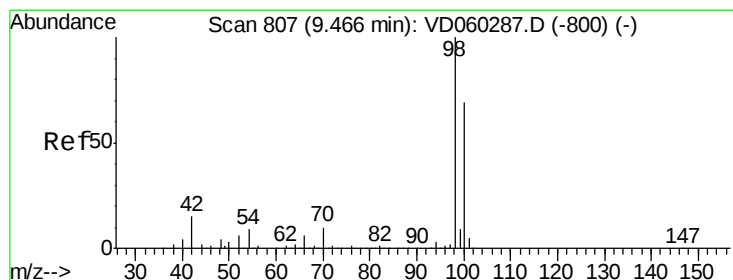
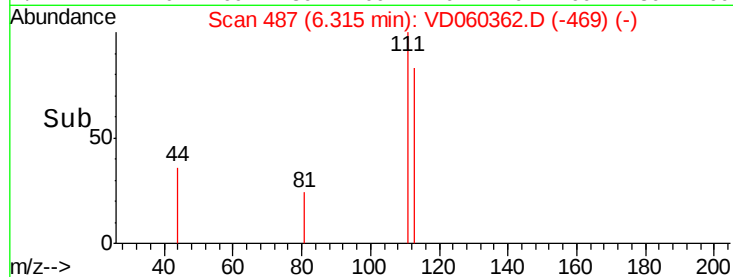
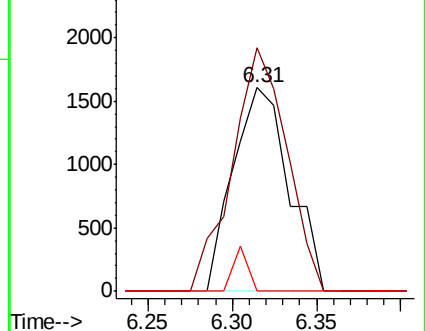
192 0.0 16.5 24.7#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060362.D

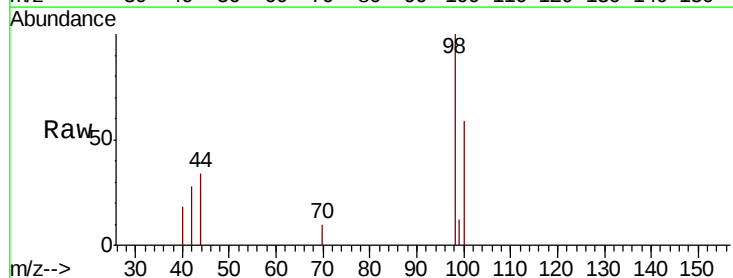
Acq: 13 Nov 2018 15:58

Tgt Ion: 98 Resp: 7812

Ion Ratio Lower Upper

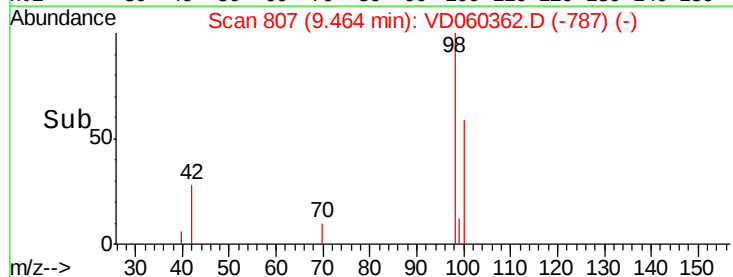
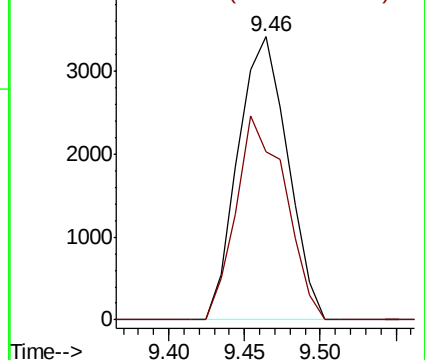
98 100

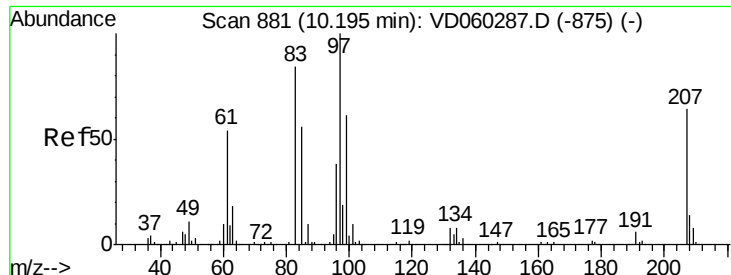
100 59.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

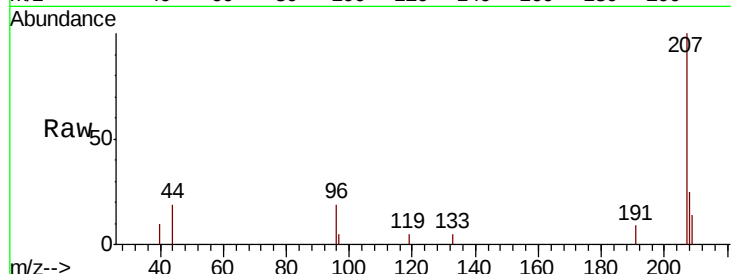




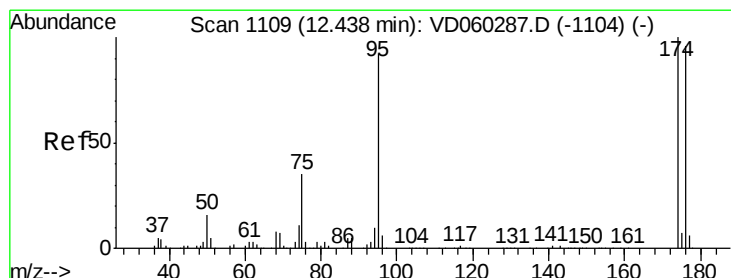
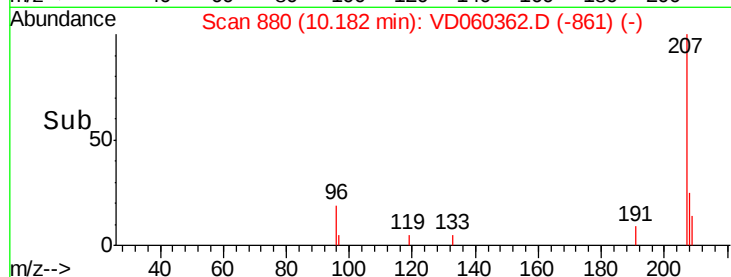
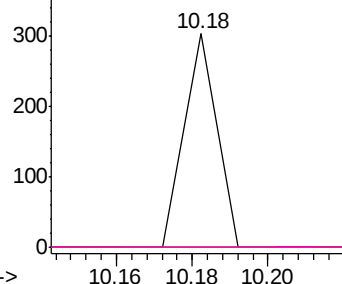
#55
 1,1,2-Trichloroethane
 Concen: 3.422 ug/l
 RT: 10.18 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 97 Resp: 179
 Ion Ratio Lower Upper
 97 100
 83 0.0 68.4 102.6#
 85 0.0 46.8 70.2#
 99 0.0 49.5 74.3#

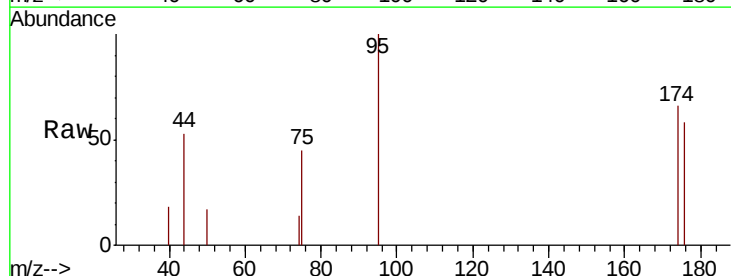


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

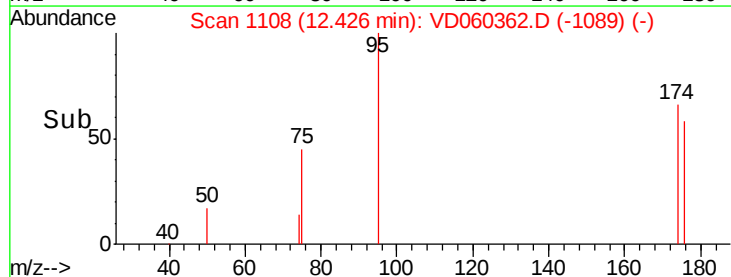
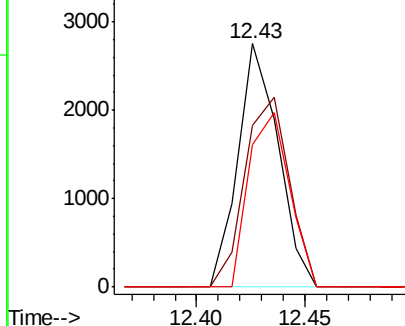


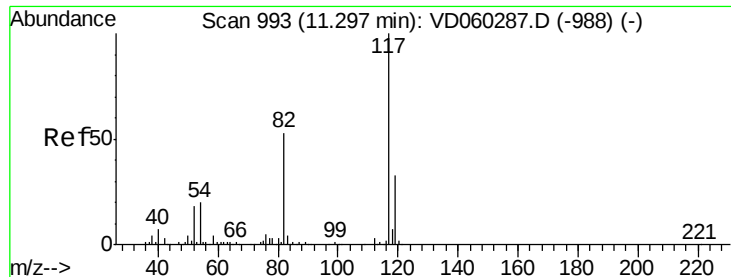
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Tgt Ion: 95 Resp: 3573
 Ion Ratio Lower Upper
 95 100
 174 66.4 0.0 160.8
 176 58.5 0.0 154.6



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

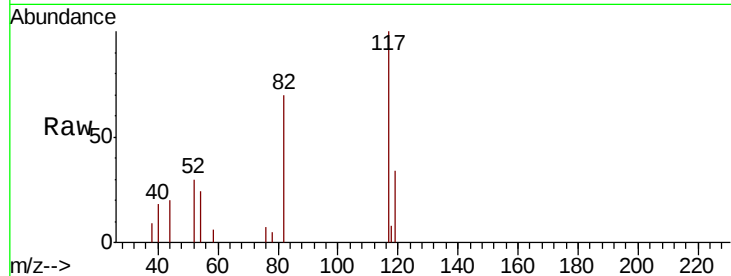




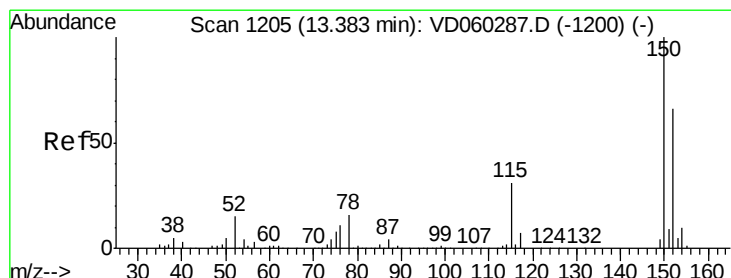
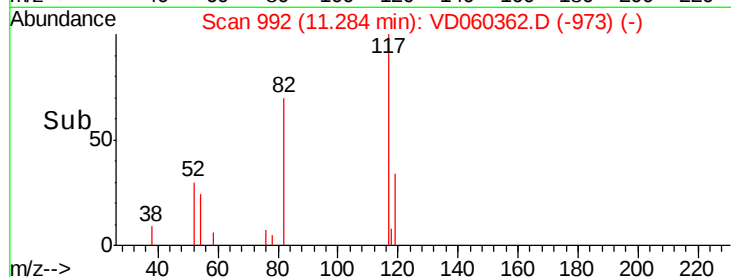
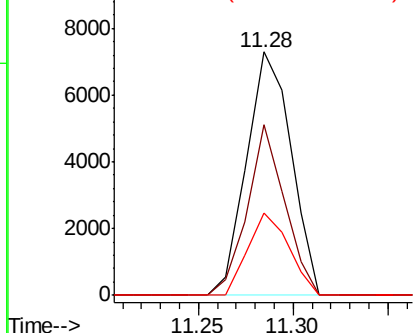
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060362.D
Acq: 13 Nov 2018 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 11918
Ion Ratio Lower Upper
117 100
82 69.9 43.7 65.5#
119 33.7 26.1 39.1

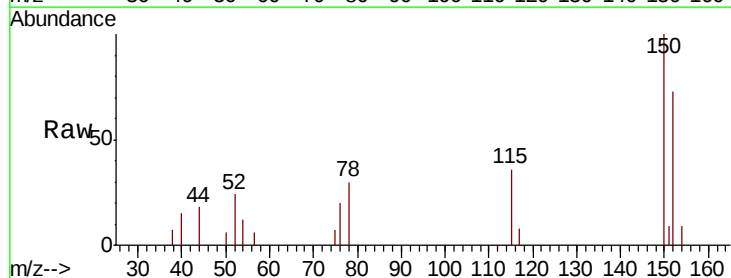


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

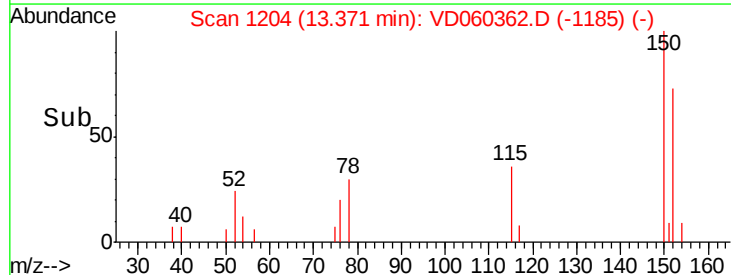
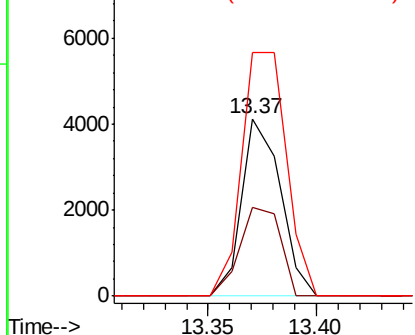


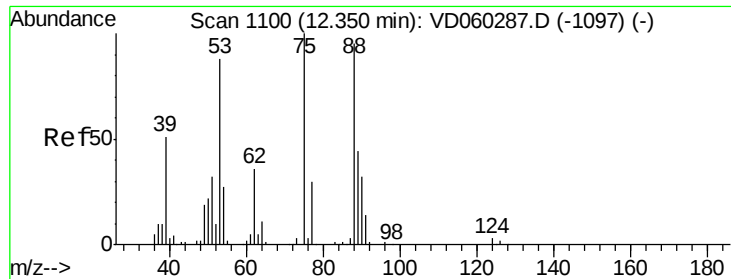
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060362.D
Acq: 13 Nov 2018 15:58

Tgt Ion:152 Resp: 5143
Ion Ratio Lower Upper
152 100
115 49.8 24.1 72.3
150 137.1 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: 71.709 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 1256

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#

