

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031219\
 Data File : VD061030.D
 Acq On : 12 Mar 2019 17:59
 Operator : VA/AP
 Sample : K1824-13RE
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1RE

Quant Time: Mar 13 04:09:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

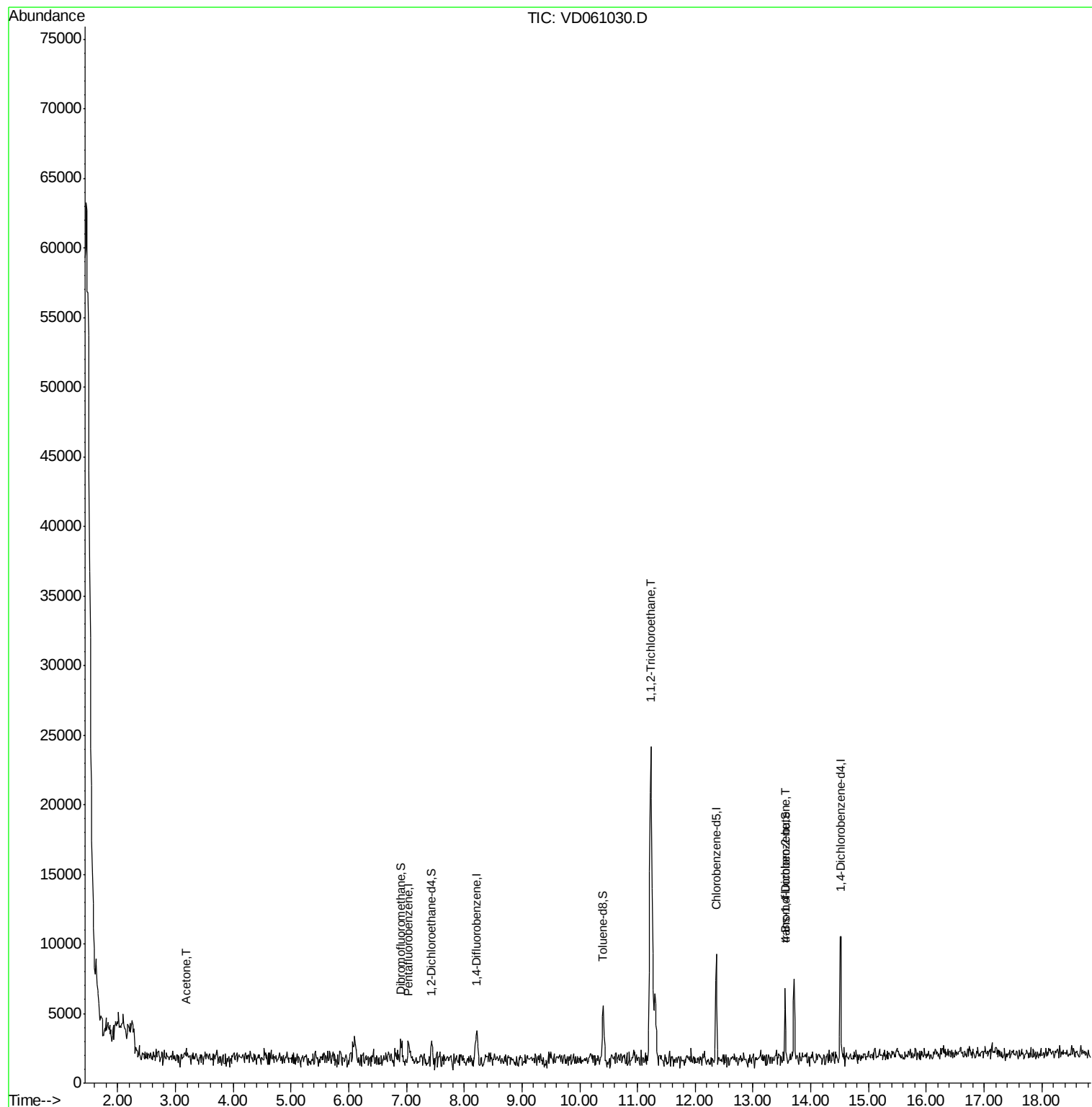
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	2512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	5367	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	5125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	3105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	1602	76.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.24%	
35) Dibromofluoromethane	6.90	113	1308	32.84	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	65.68%	
50) Toluene-d8	10.40	98	4751	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	13.55	95	2168	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
Target Compounds						
16) Acetone	3.19	43	379	63.386	ug/l #	48
55) 1,1,2-Trichloroethane	11.24	97	287	11.989	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	631	47.912	ug/l #	17

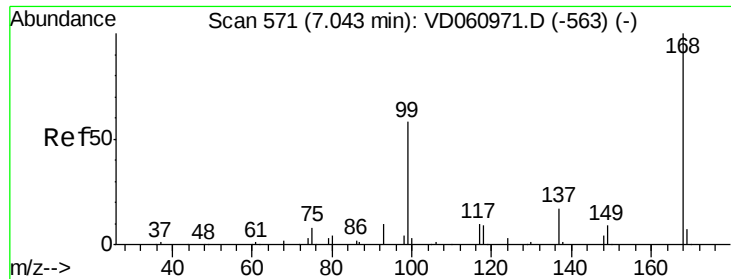
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061030.D

Acq: 12 Mar 2019 17:59

Instrument :

MSVOA_D

ClientSampleId :

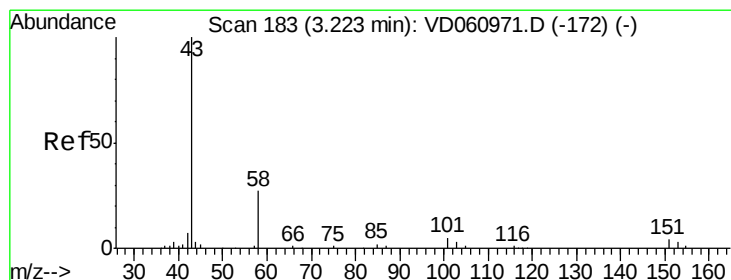
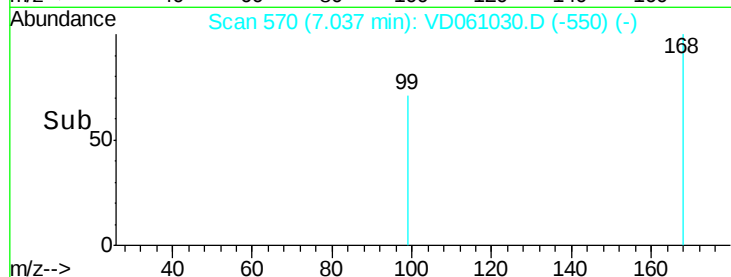
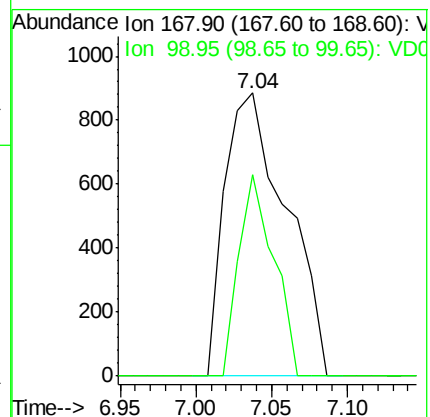
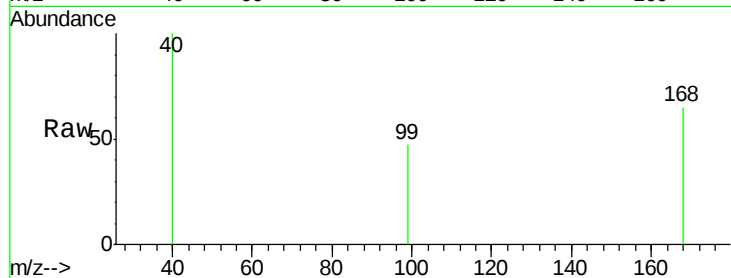
P-1RE

Tot Ion:168 Resp: 2512

Ion Ratio Lower Upper

168 100

99 71.3 47.3 70.9#



#16

Acetone

Concen: 63.386 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.04 min

Lab File: VD061030.D

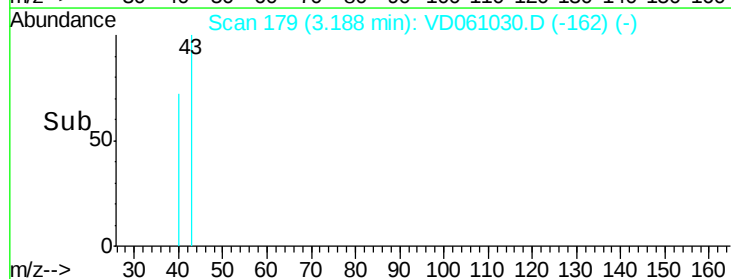
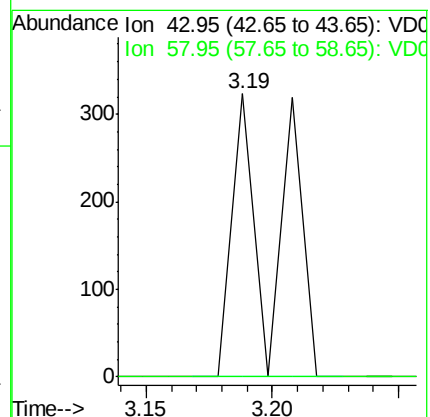
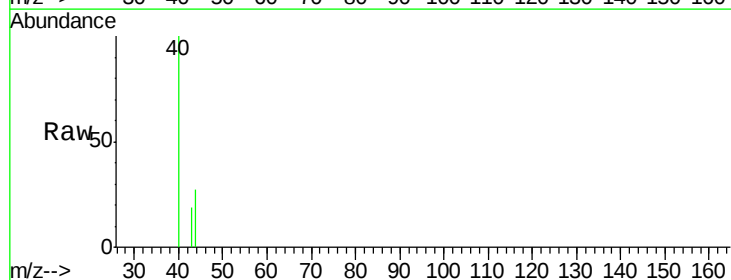
Acq: 12 Mar 2019 17:59

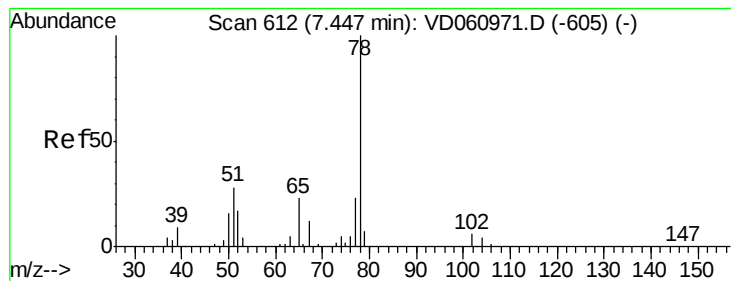
Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061030.D

Acq: 12 Mar 2019 17:59

Instrument :

MSVOA_D

ClientSampleId :

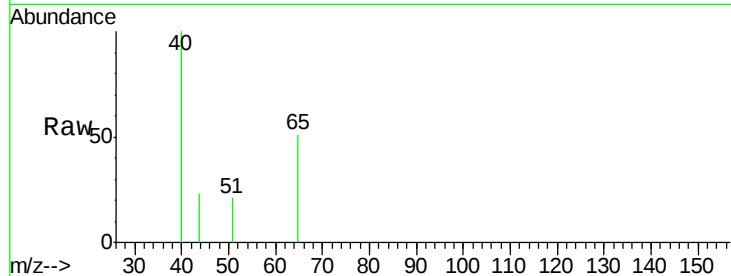
P-1RE

Tot Ion: 65 Resp: 1602

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

600

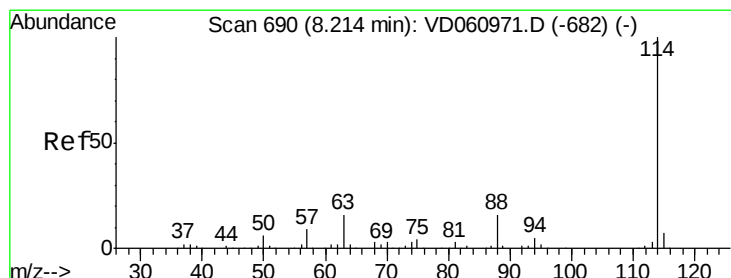
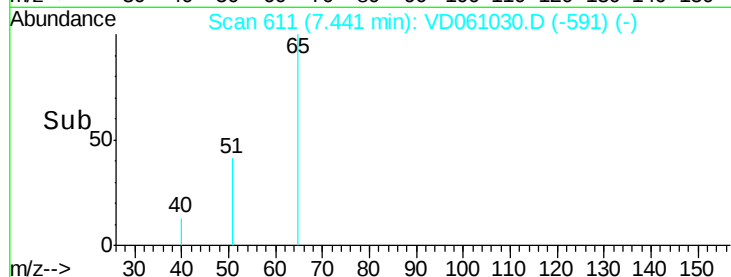
400

200

0

7.40 7.45 7.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061030.D

Acq: 12 Mar 2019 17:59

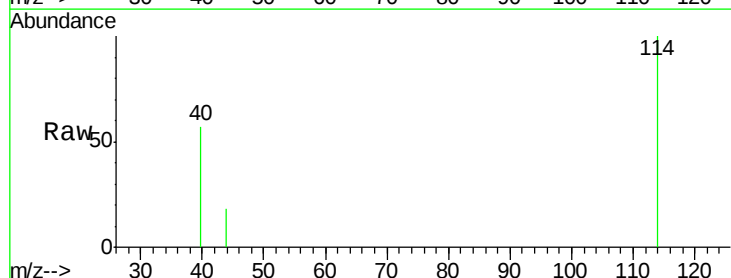
Tgt Ion: 114 Resp: 5367

Ion Ratio Lower Upper

114 100

63 0.0 0.0 31.4

88 0.0 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

2500

2000

1500

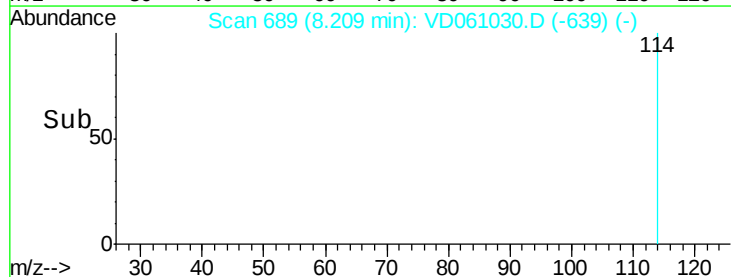
1000

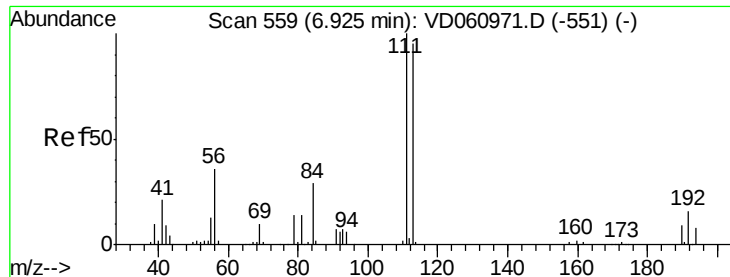
500

0

8.15 8.20 8.25 8.30

Time-->

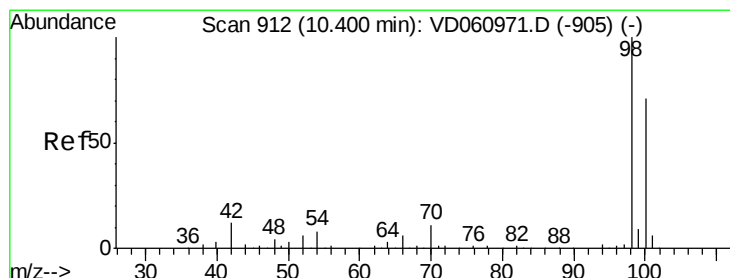
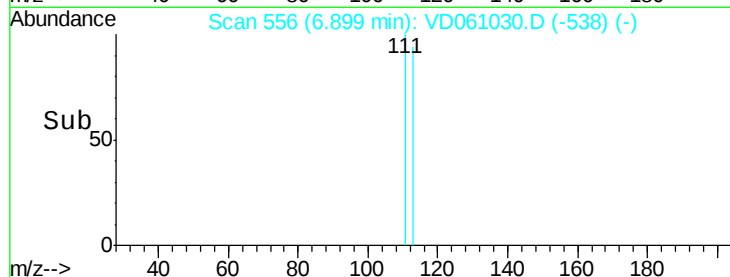
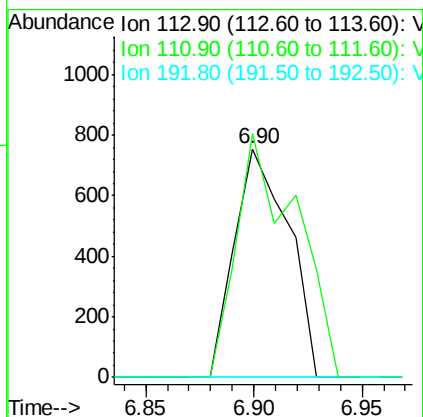
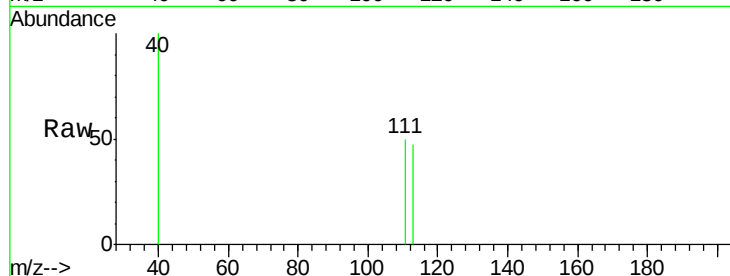




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD061030.D
 Acq: 12 Mar 2019 17:59

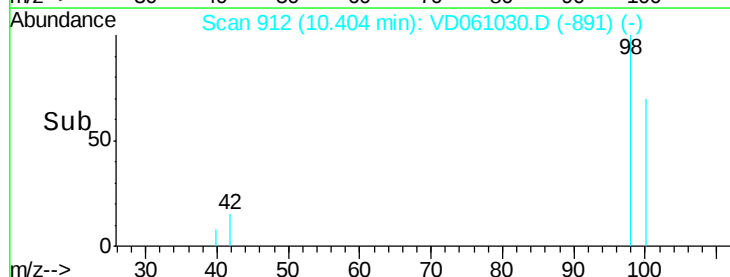
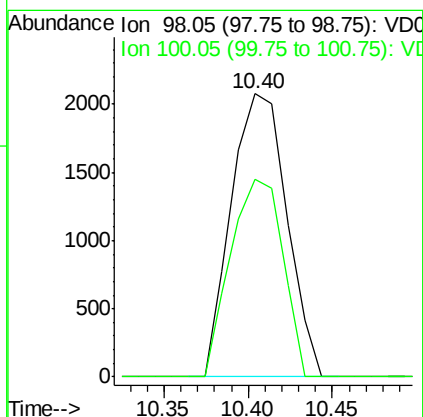
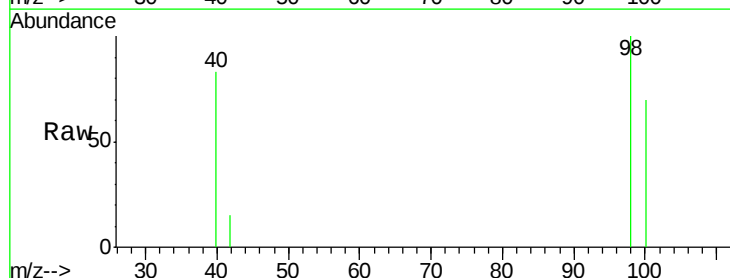
Instrument :
 MSVOA_D
 ClientSampleId :
 P-1RE

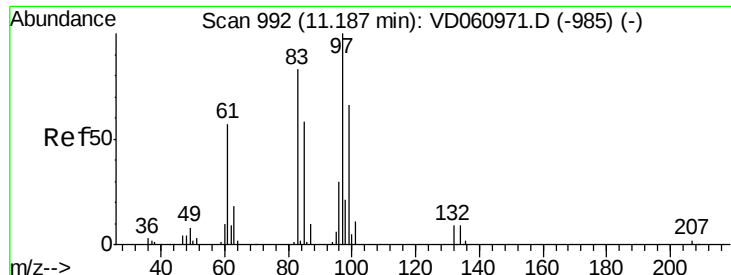
Tot Ion:113 Resp: 1308
 Ion Ratio Lower Upper
 113 100
 111 106.3 84.2 126.4
 192 0.0 13.1 19.7#



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD061030.D
 Acq: 12 Mar 2019 17:59

Tgt Ion: 98 Resp: 4751
 Ion Ratio Lower Upper
 98 100
 100 69.7 57.4 86.2

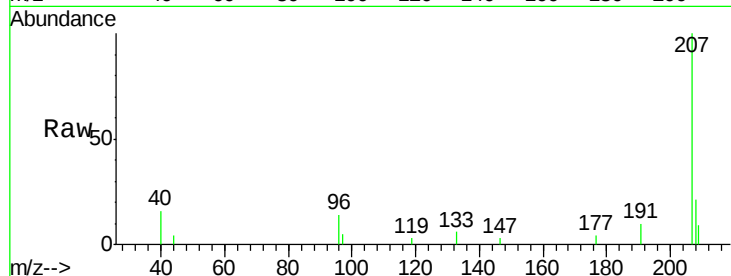




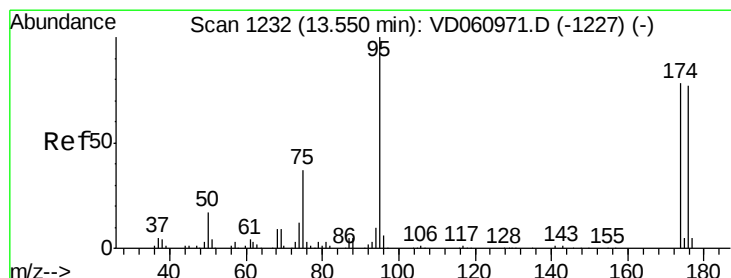
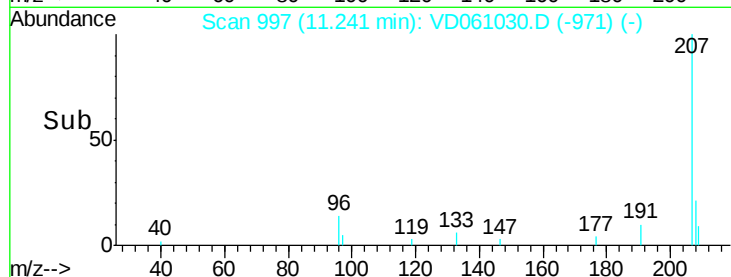
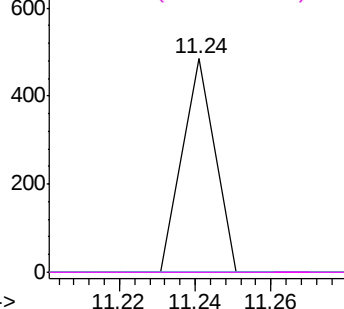
#55
 1,1,2-Trichloroethane
 Concen: 11.989 ug/l
 RT: 11.24 min Scan# 997
 Delta R.T. 0.05 min
 Lab File: VD061030.D
 Acq: 12 Mar 2019 17:59

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1RE

Tot Ion: 97 Resp: 287
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.6 100.0#
 85 0.0 46.4 69.6#
 99 0.0 52.4 78.6#

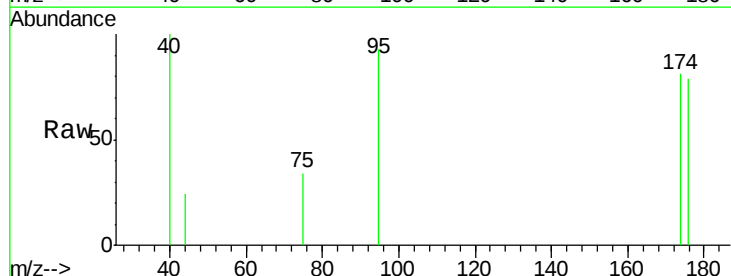


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

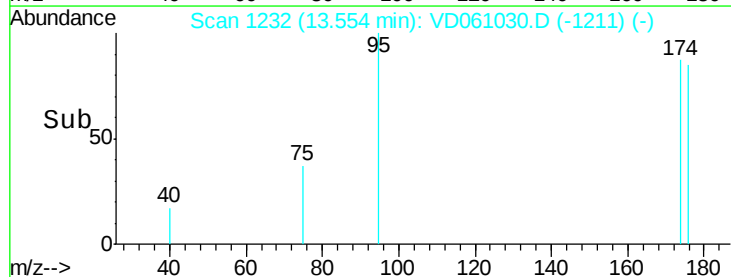
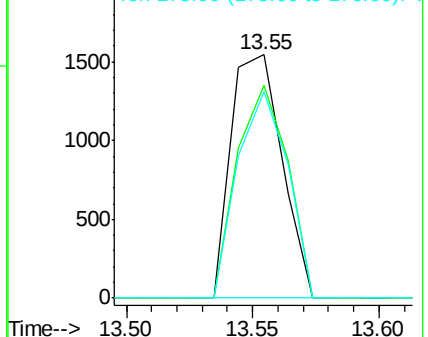


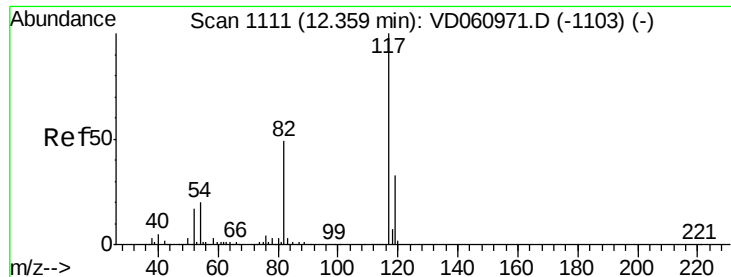
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD061030.D
 Acq: 12 Mar 2019 17:59

Tgt Ion: 95 Resp: 2168
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 155.6
 176 85.0 0.0 153.8



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

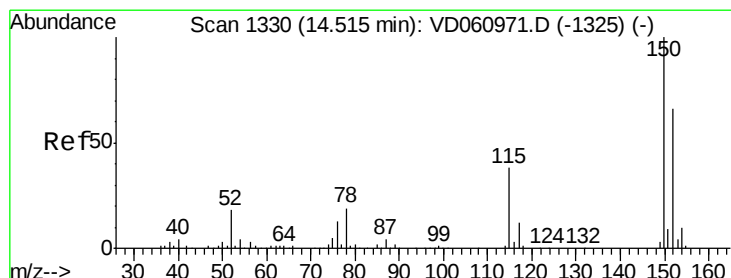
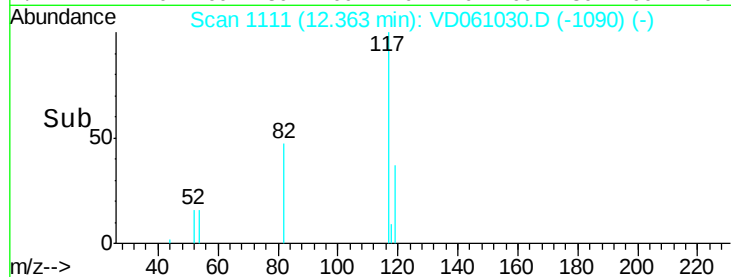
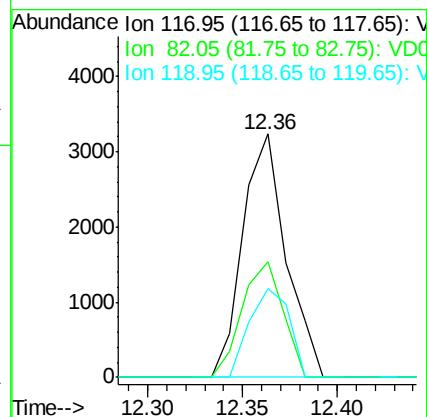
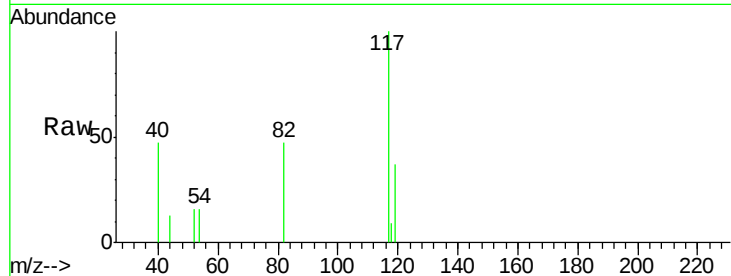




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061030.D
Acq: 12 Mar 2019 17:59

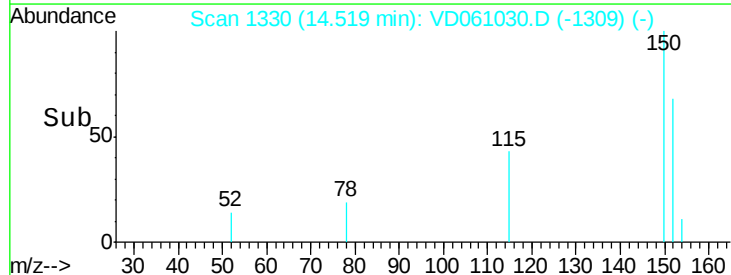
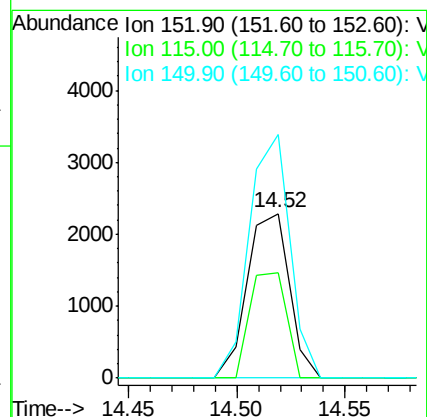
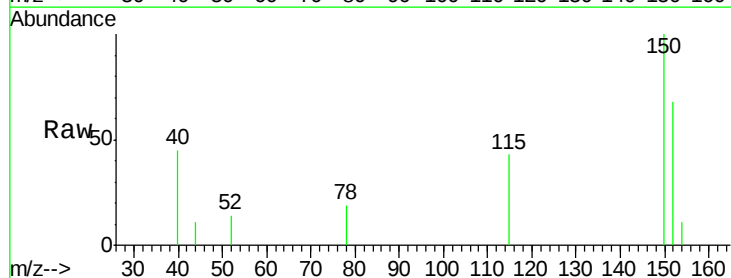
Instrument :
MSVOA_D
ClientSampleId :
P-1RE

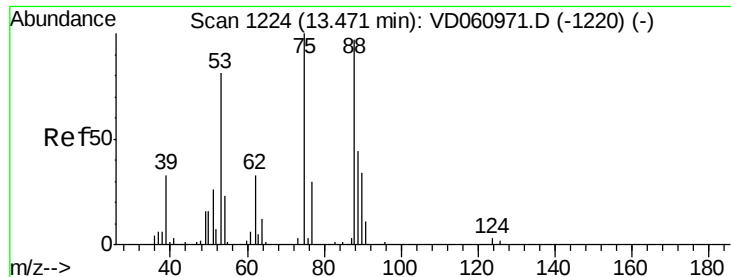
Tot Ion:117 Resp: 5125
Ion Ratio Lower Upper
117 100
82 47.3 38.9 58.3
119 36.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061030.D
Acq: 12 Mar 2019 17:59

Tgt Ion:152 Resp: 3105
Ion Ratio Lower Upper
152 100
115 63.7 28.6 85.9
150 147.8 0.0 310.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.912 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061030.D

Acq: 12 Mar 2019 17:59

Instrument :

MSVOA_D

ClientSampleId :

P-1RE

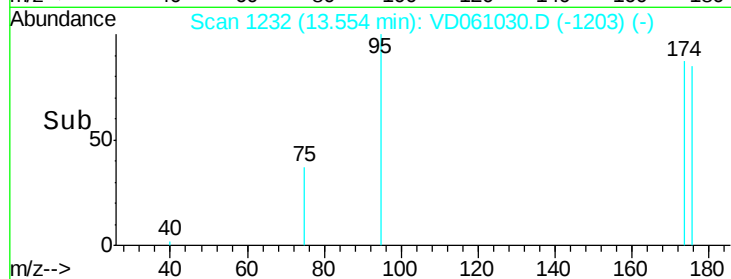
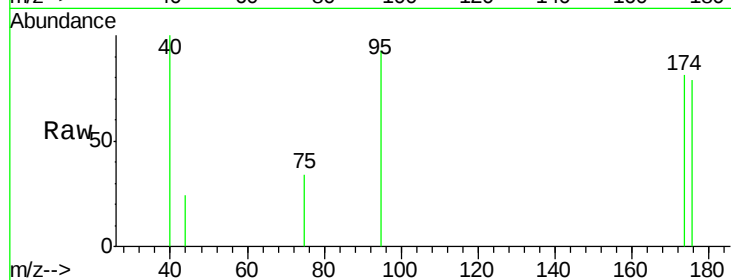
Tot Ion: 75 Resp: 631

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

