

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061166.D
 Acq On : 19 Mar 2019 2:42
 Operator : VA/AP
 Sample : K1930-10
 Misc : 3.58g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Mar 19 04:52:30 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

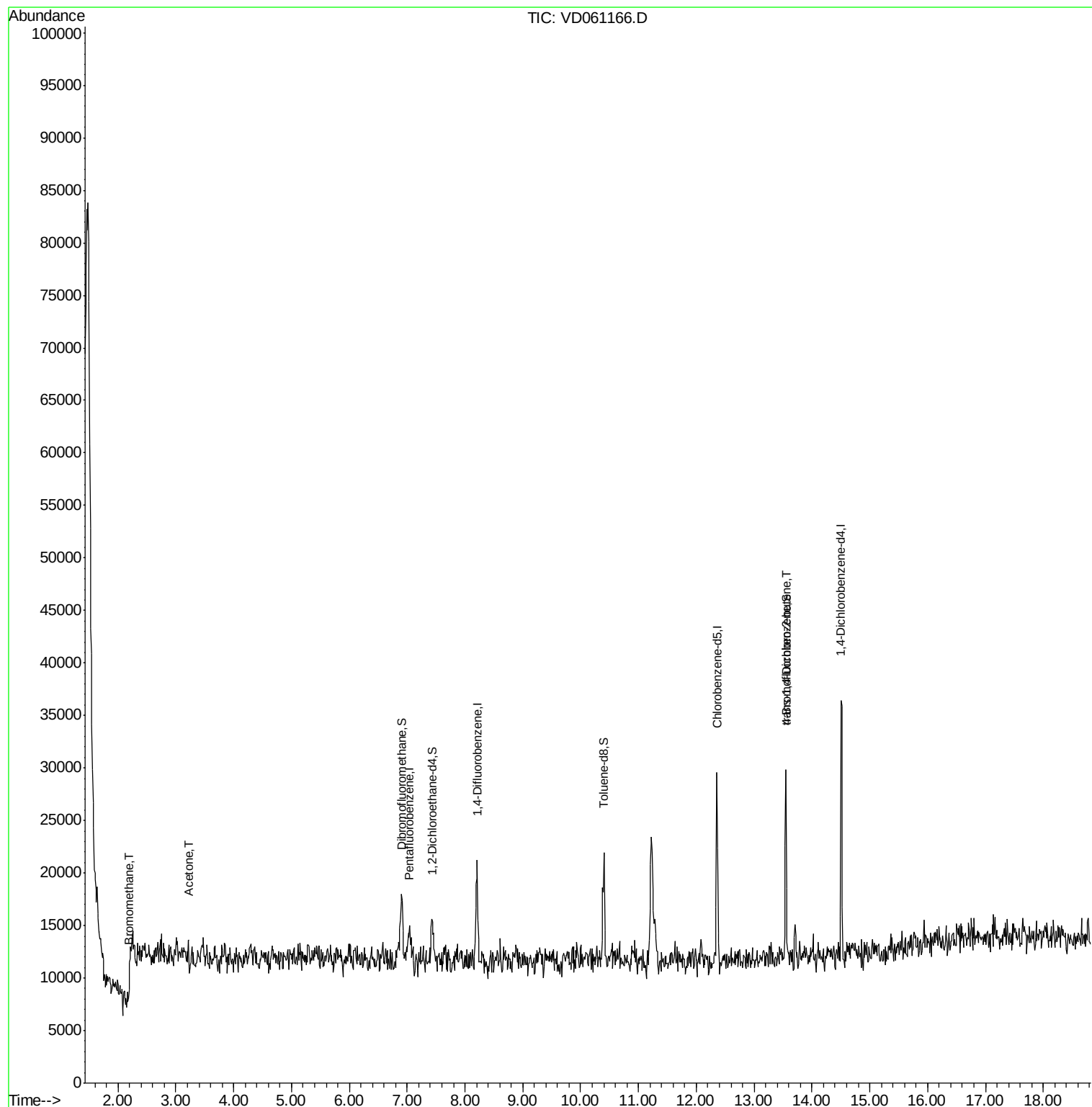
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	6381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	15354	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	14430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	6728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	4944	93.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	186.16%	
35) Dibromofluoromethane	6.90	113	6022	52.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.70%	
50) Toluene-d8	10.40	98	12927	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
62) 4-Bromofluorobenzene	13.55	95	6759	60.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.76%	
Target Compounds						
5) Bromomethane	2.18	94	192	19.500	ug/l #	1
16) Acetone	3.22	43	196	12.904	ug/l #	48
81) trans-1,4-Dichloro-2-buten	13.55	75	2191	76.778	ug/l #	17

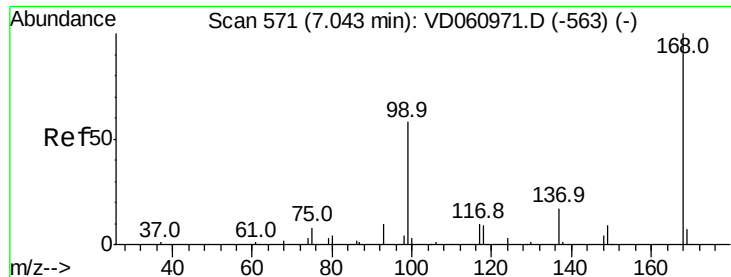
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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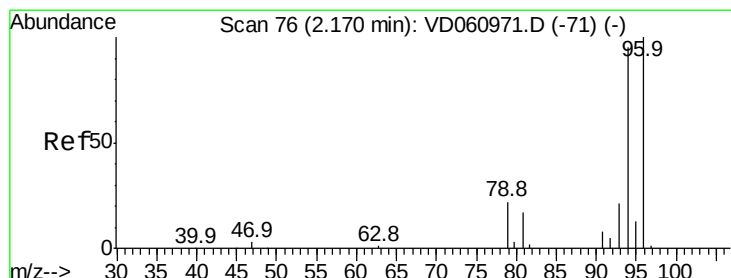
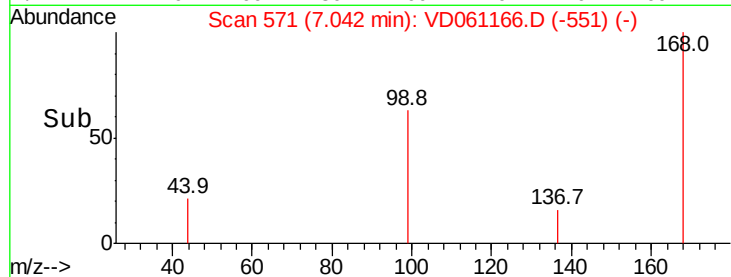
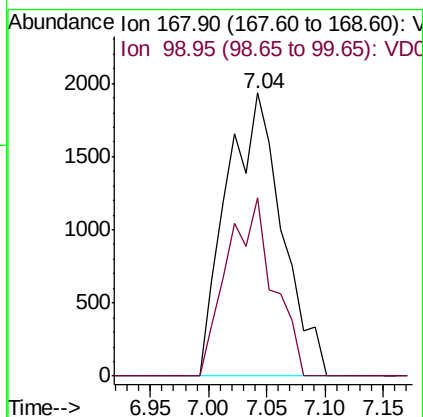
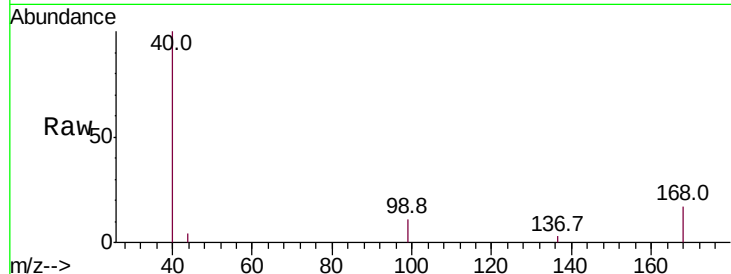




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061166.D
Acq: 19 Mar 2019 2:42

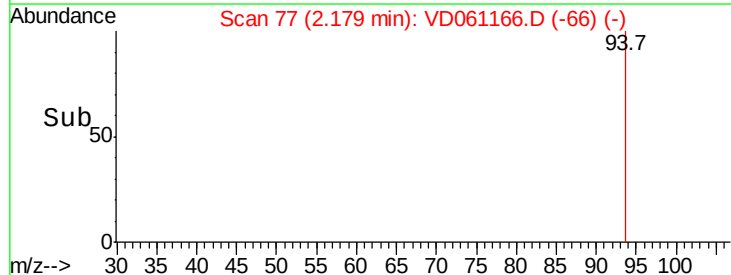
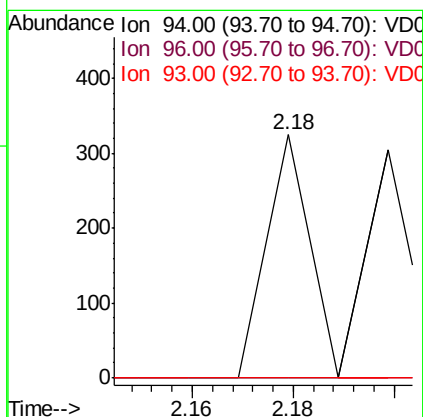
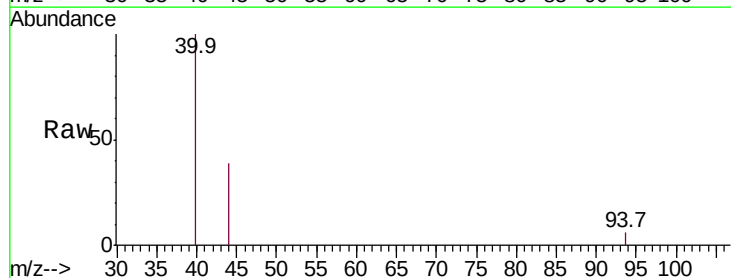
Instrument :
MSVOA_D
ClientSampleId :
TP-5

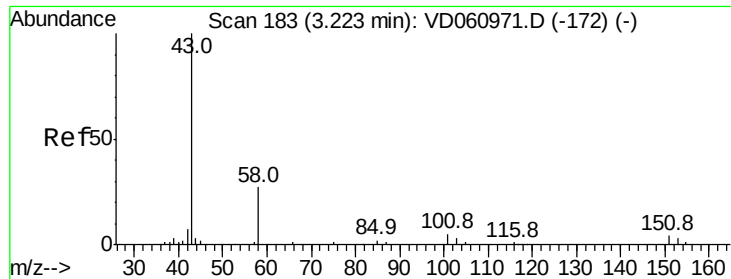
Tot Ion:168 Resp: 6381
Ion Ratio Lower Upper
168 100
99 63.0 47.3 70.9



#5
Bromomethane
Concen: 19.500 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.01 min
Lab File: VD061166.D
Acq: 19 Mar 2019 2:42

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 0.0 84.0 126.0#
93 100.0 17.3 25.9#





#16

Acetone

Concen: 12.904 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061166.D

Acq: 19 Mar 2019 2:42

Instrument :

MSVOA_D

ClientSampleId :

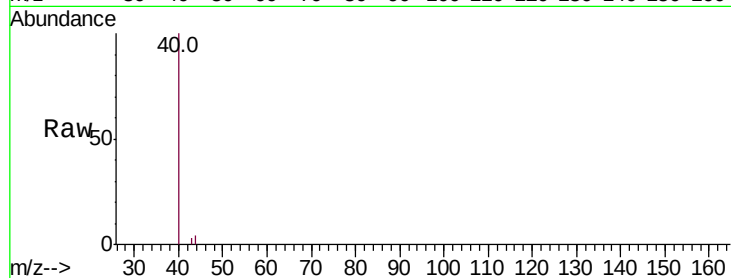
TP-5

Tot Ion: 43 Resp: 196

Ion Ratio Lower Upper

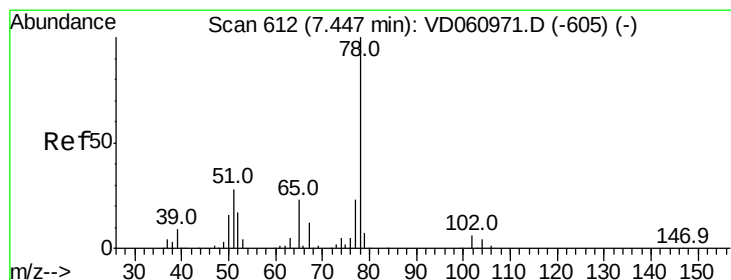
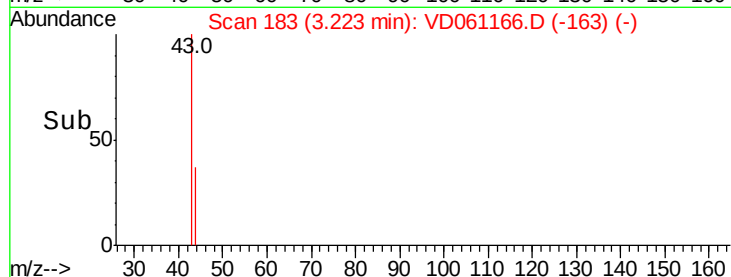
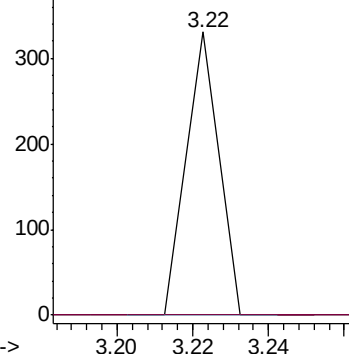
43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD061166.D

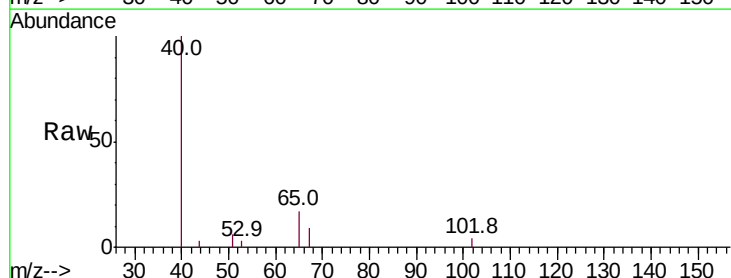
Acq: 19 Mar 2019 2:42

Tgt Ion: 65 Resp: 4944

Ion Ratio Lower Upper

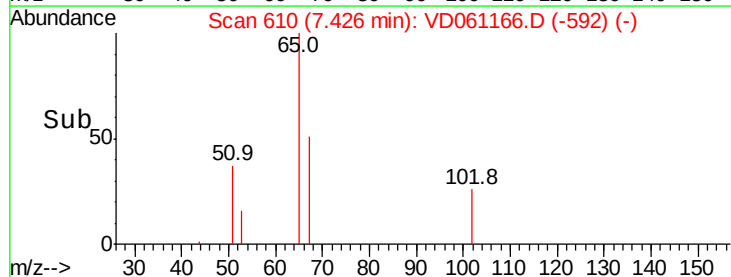
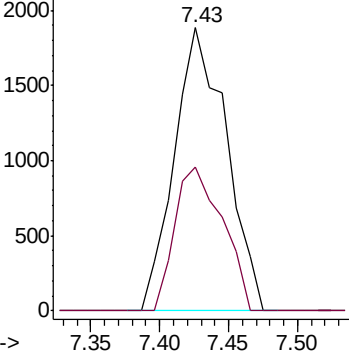
65 100

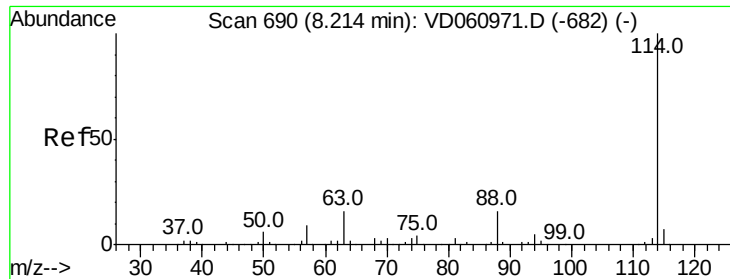
67 50.8 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

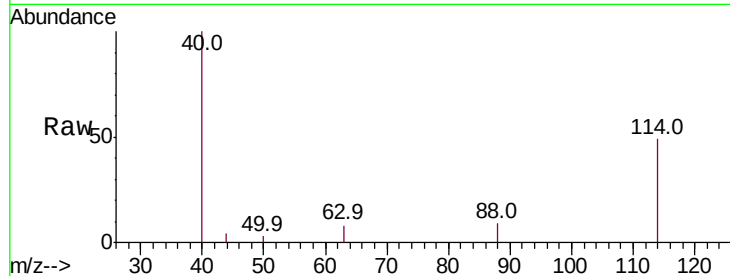




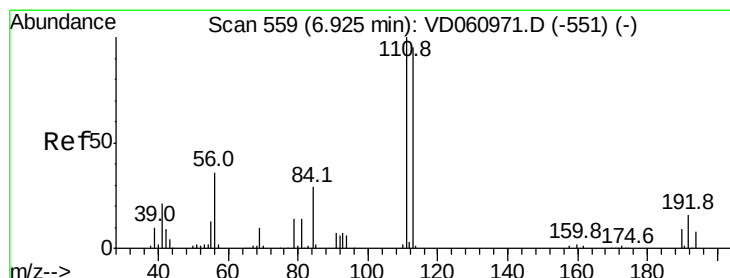
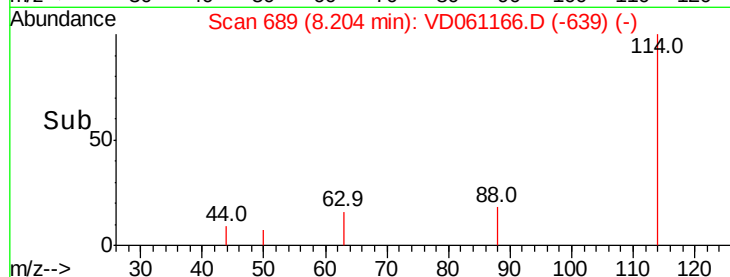
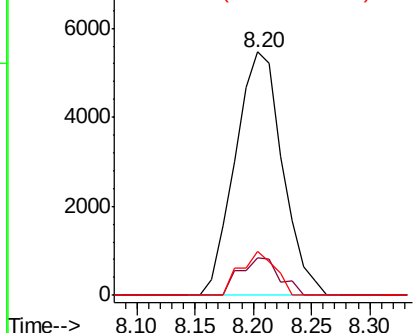
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061166.D
 Acq: 19 Mar 2019 2:42

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Tot Ion:114 Resp: 15354
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 18.3 0.0 33.0

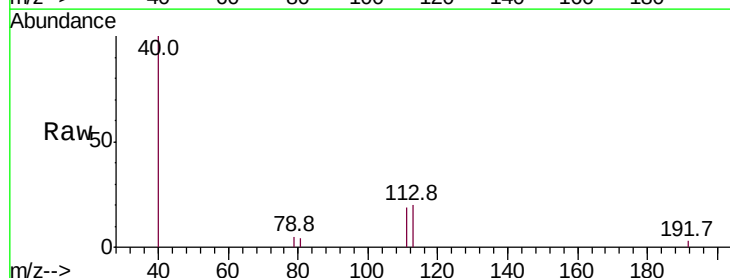


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

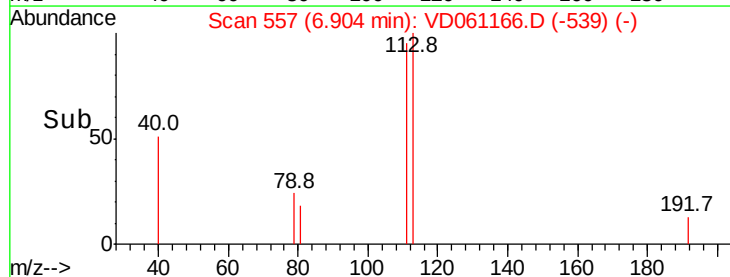
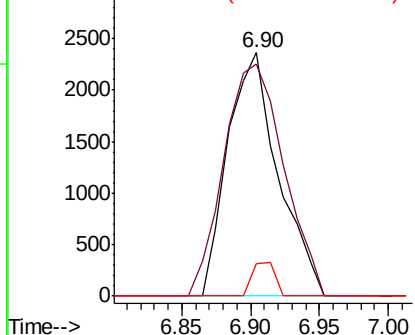


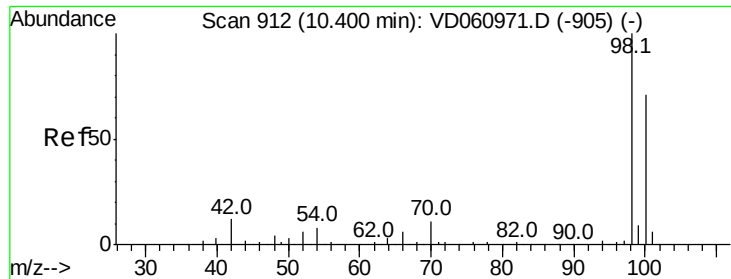
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD061166.D
 Acq: 19 Mar 2019 2:42

Tgt Ion:113 Resp: 6022
 Ion Ratio Lower Upper
 113 100
 111 95.5 84.2 126.4
 192 13.4 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061166.D

Acq: 19 Mar 2019 2:42

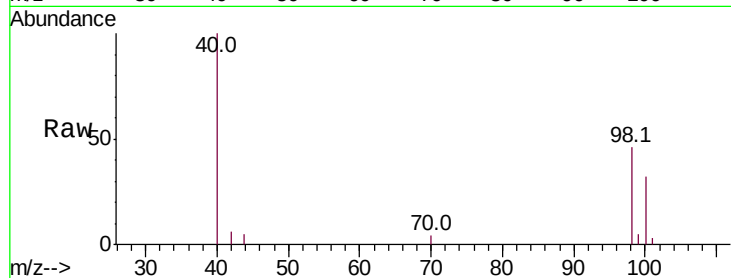
Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tot Ion: 98 Resp: 12927

Ion Ratio Lower Upper

98 100

100 70.5 57.4 86.2

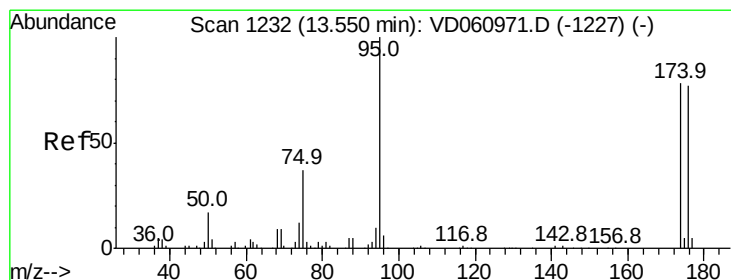
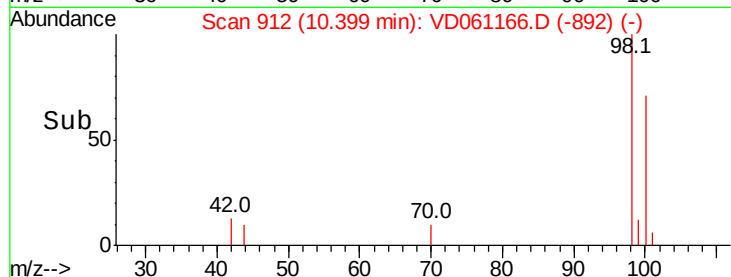


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061166.D

Acq: 19 Mar 2019 2:42

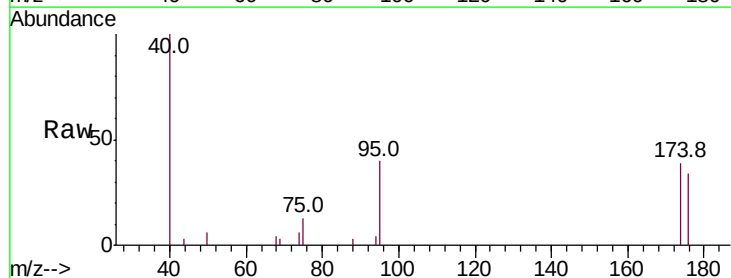
Tgt Ion: 95 Resp: 6759

Ion Ratio Lower Upper

95 100

174 98.2 0.0 155.6

176 86.7 0.0 153.8



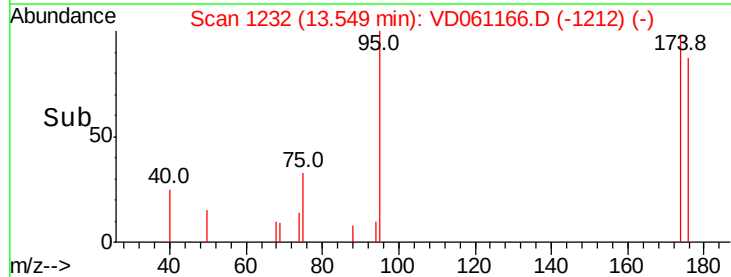
Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

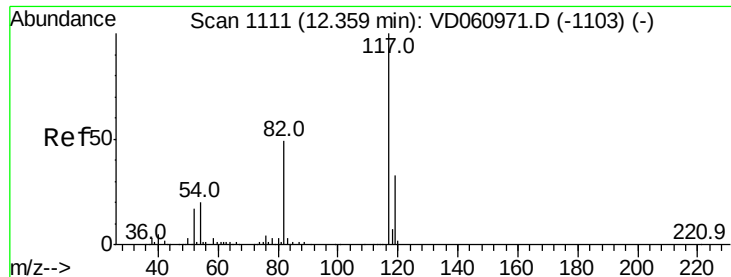
Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.55

Time-->

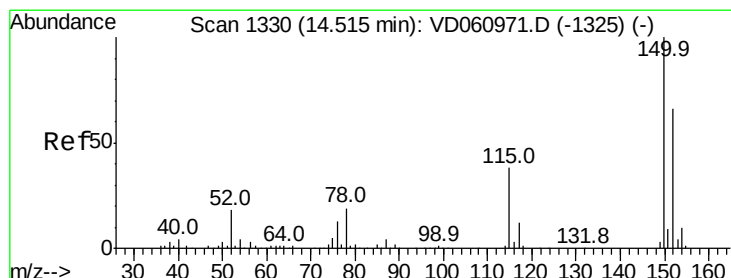
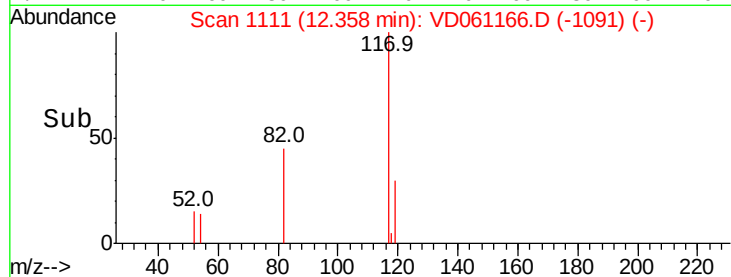
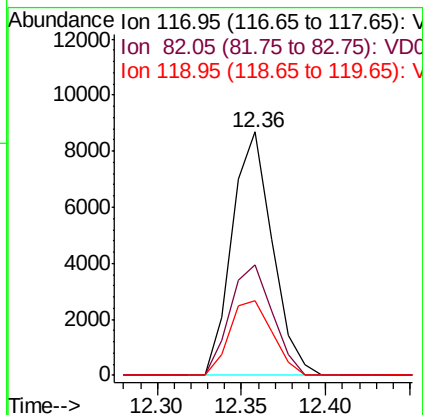
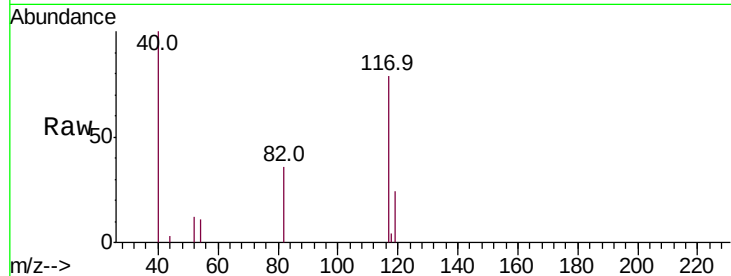




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061166.D
Acq: 19 Mar 2019 2:42

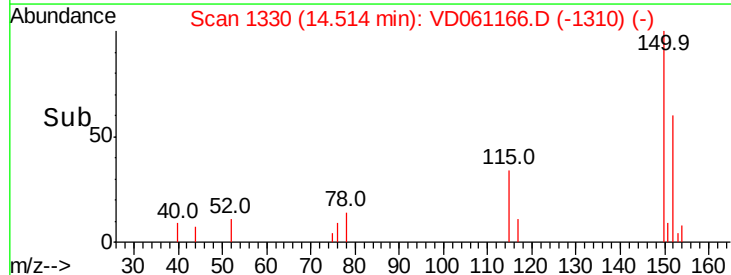
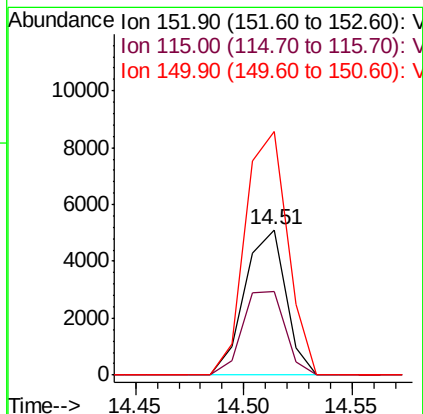
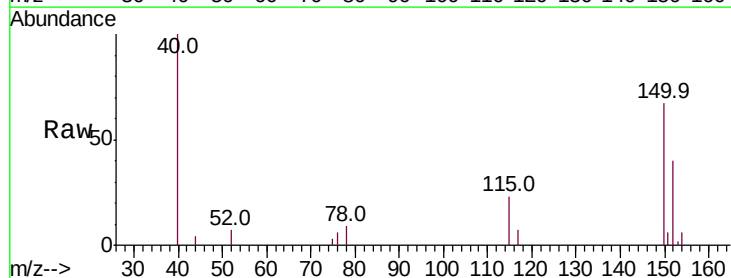
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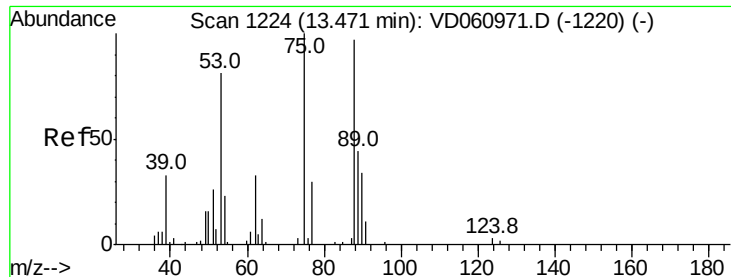
Tot Ion:117 Resp: 14430
Ion Ratio Lower Upper
117 100
82 45.2 38.9 58.3
119 30.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061166.D
Acq: 19 Mar 2019 2:42

Tgt Ion:152 Resp: 6728
Ion Ratio Lower Upper
152 100
115 57.2 28.6 85.9
150 167.4 0.0 310.6





#81

trans-1,4-Dichloro-2-butene

Concen: 76.778 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061166.D

Acq: 19 Mar 2019 2:42

Instrument :

MSVOA_D

ClientSampleId :

TP-5

Tot Ion: 75 Resp: 2191

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#

