

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
 Data File : VD061915.D
 Acq On : 19 Apr 2019 17:41
 Operator : VA/AP
 Sample : K2422-11RE
 Misc : 6.48g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

Quant Time: Apr 19 18:05:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	603970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	963268	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	833873	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	352962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	229235	45.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.58%	
35) Dibromofluoromethane	6.93	113	349807	48.07	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	96.14%	
50) Toluene-d8	10.42	98	745854	43.25	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	86.50%	
62) 4-Bromofluorobenzene	13.56	95	286565	41.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.00%	

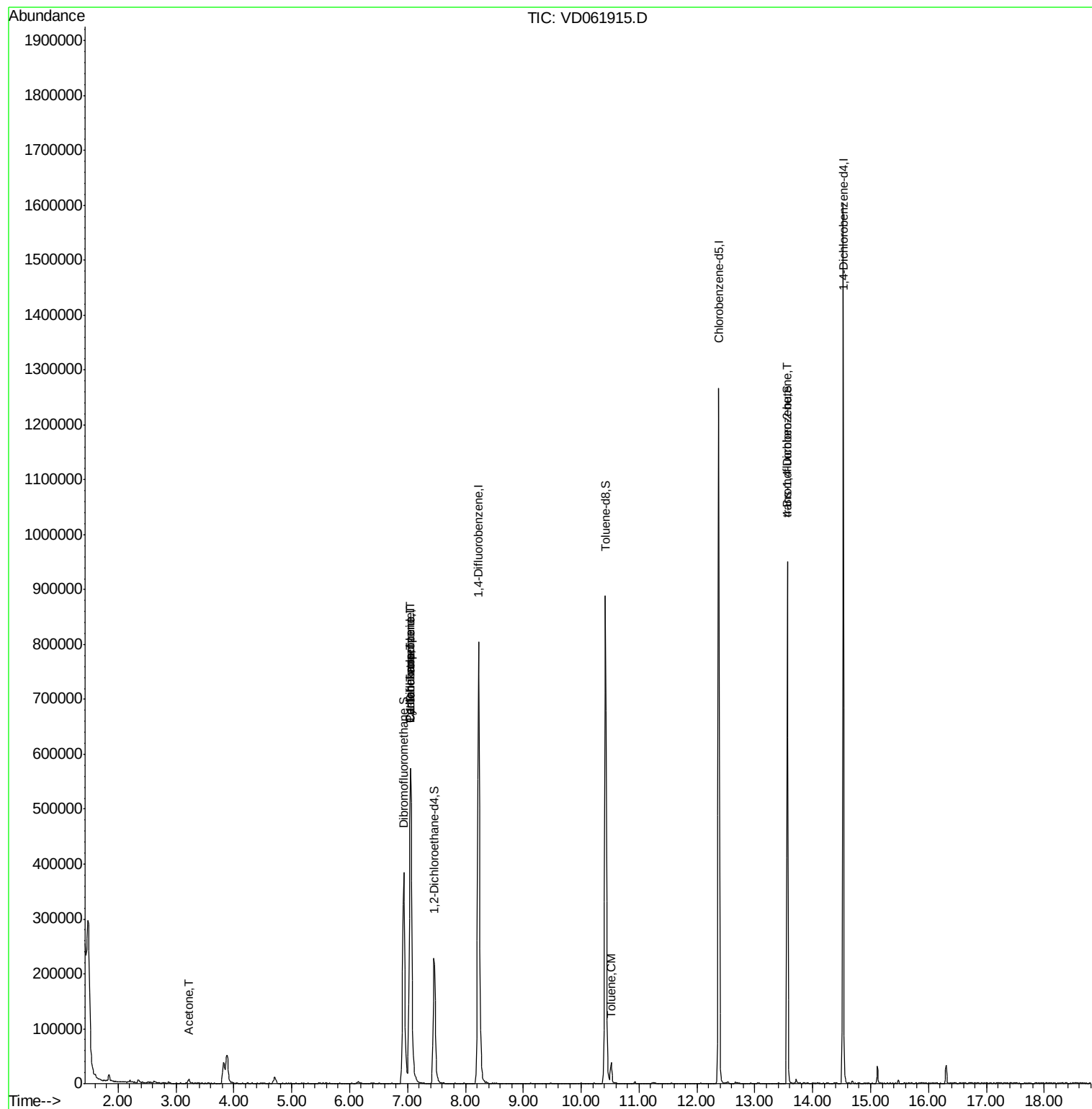
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	441	Below Cal	#	12
16) Acetone	3.22	43	14201	11.383	ug/l	99
31) Cyclohexane	7.05	56	10568	1.379	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	42653	5.419	ug/l #	47
38) Carbon Tetrachloride	7.05	117	55435	5.577	ug/l #	17
52) Toluene	10.52	92	21014	1.735	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.56	75	108999	71.051	ug/l #	16

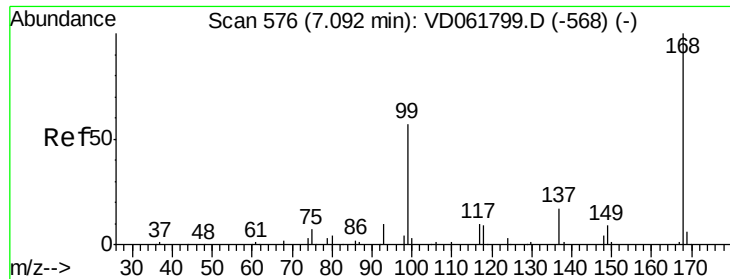
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041919\
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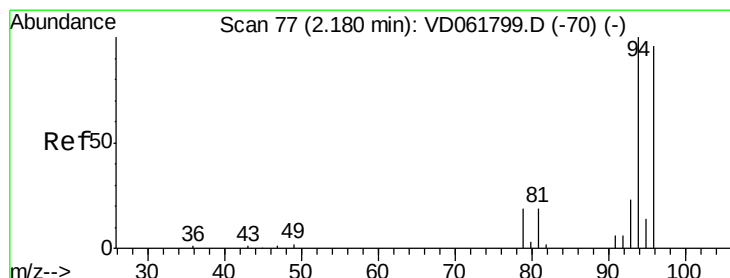
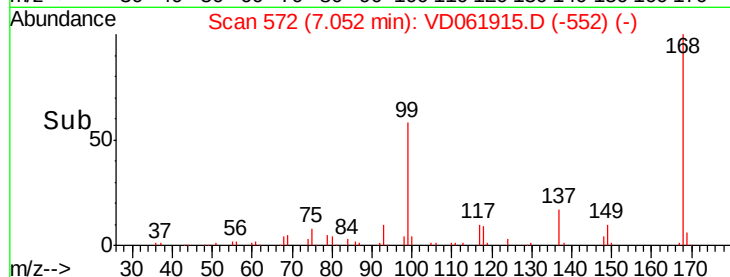
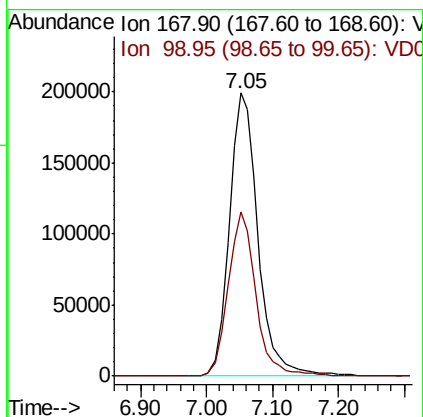
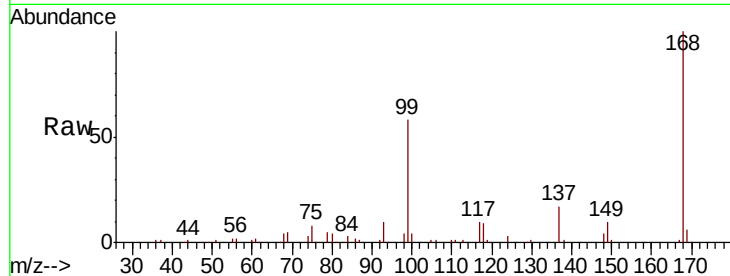




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

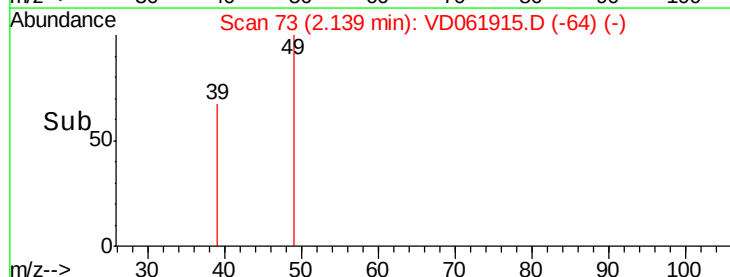
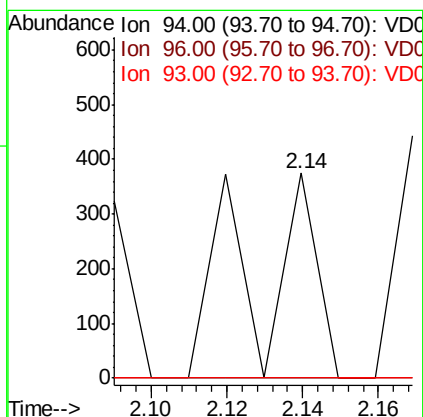
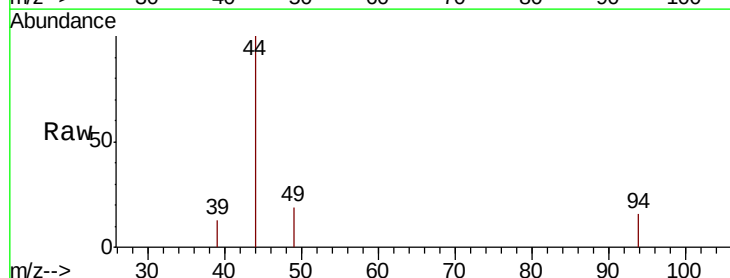
Instrument :
MSVOA_D
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TP3-S

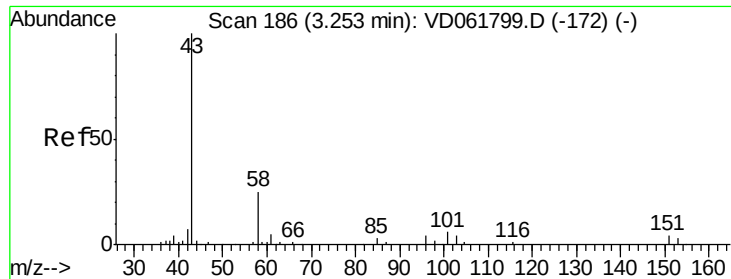
Tgt Ion: 168 Resp: 603970
Ion Ratio Lower Upper
168 100
99 58.1 46.5 69.7



#5
Bromomethane
Concen: Below Cal
RT: 2.14 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

Tgt Ion: 94 Resp: 441
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#

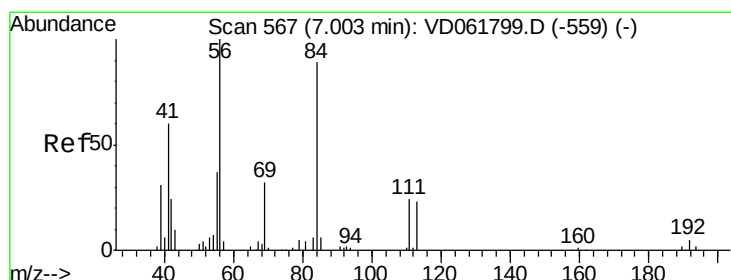
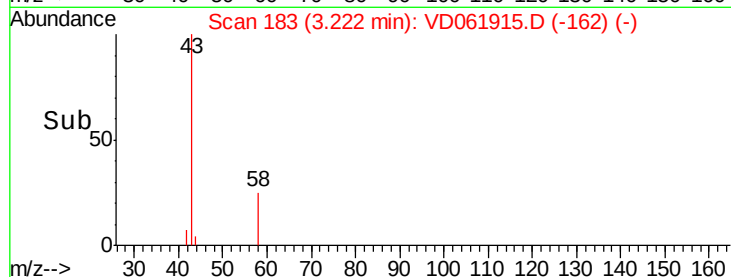
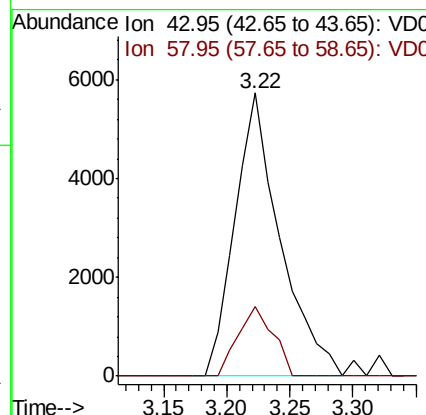
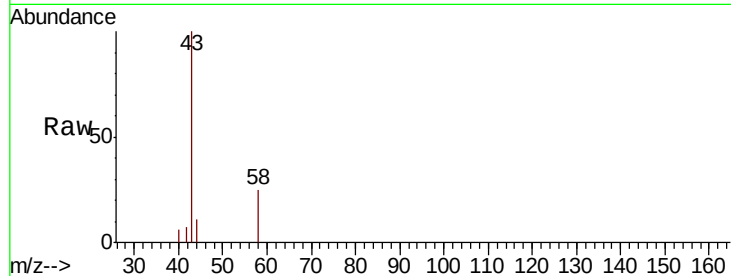




#16
Acetone
Concen: 11.383 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

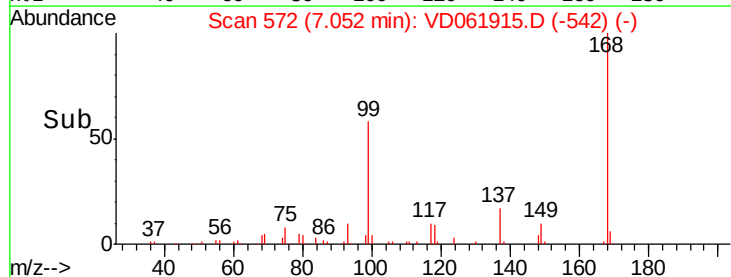
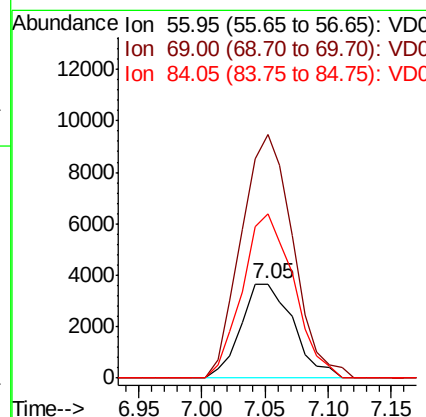
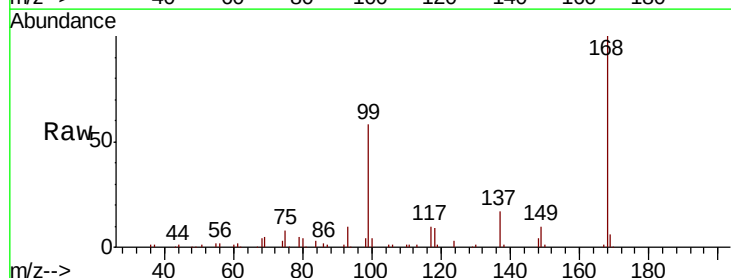
Instrument :
MSVOA_D
ClientSampleId :
TP3-S

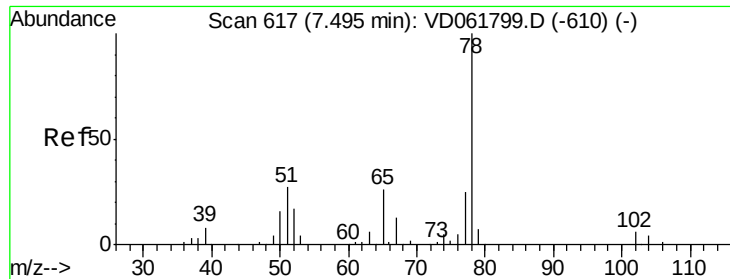
Tgt Ion: 43 Resp: 14201
Ion Ratio Lower Upper
43 100
58 24.6 19.9 29.9



#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

Tgt Ion: 56 Resp: 10568
Ion Ratio Lower Upper
56 100
69 258.2 25.8 38.6#
84 173.6 72.2 108.4#

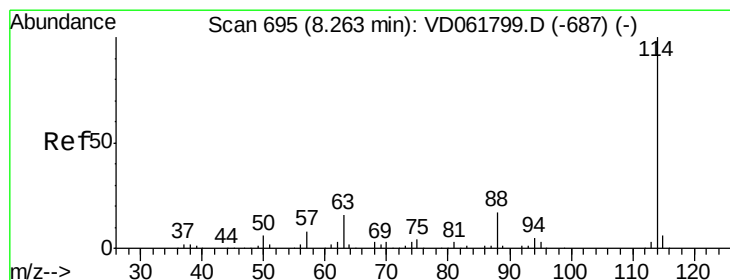
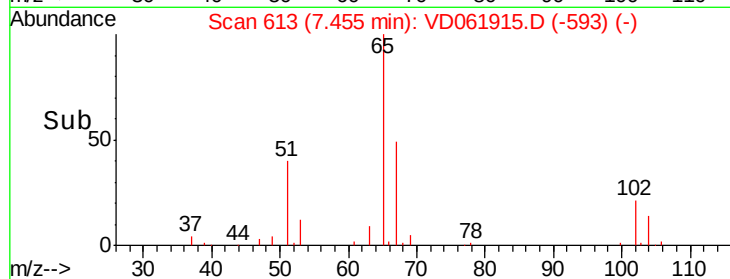
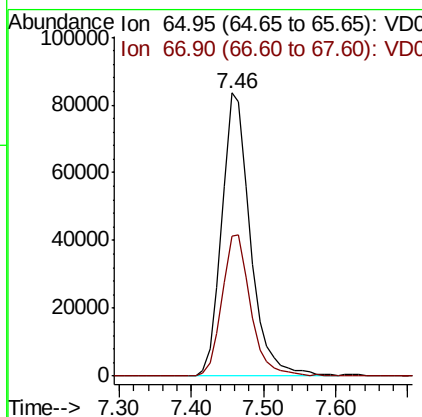
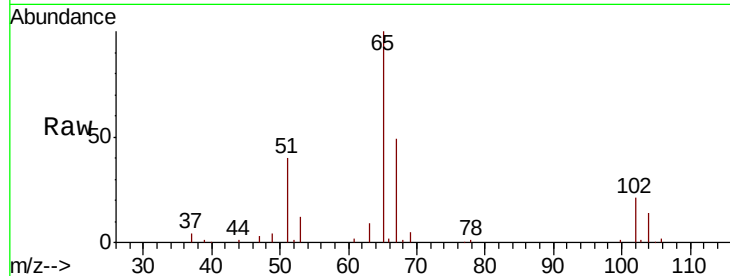




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061915.D
 Acq: 19 Apr 2019 17:41

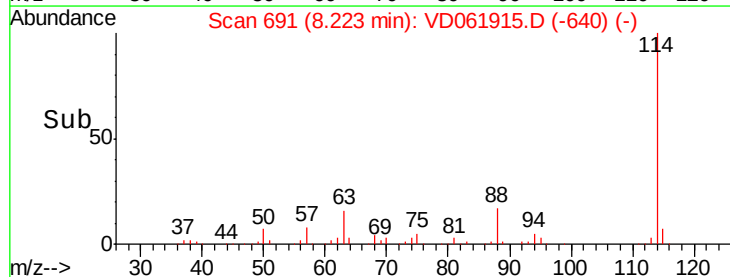
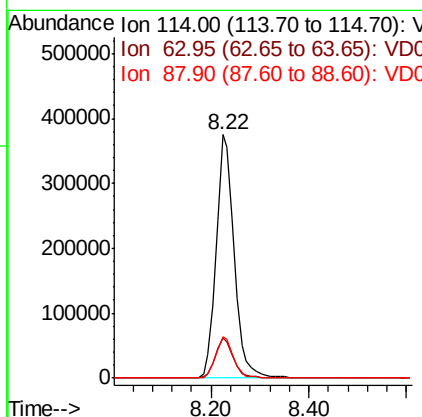
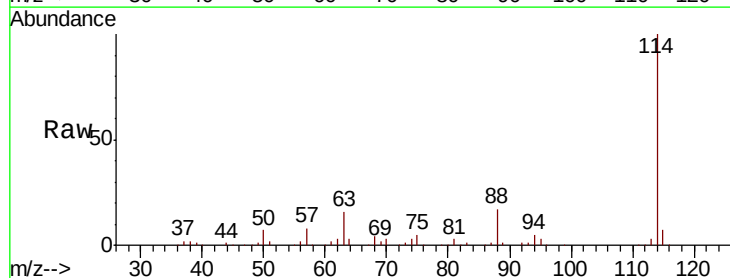
Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

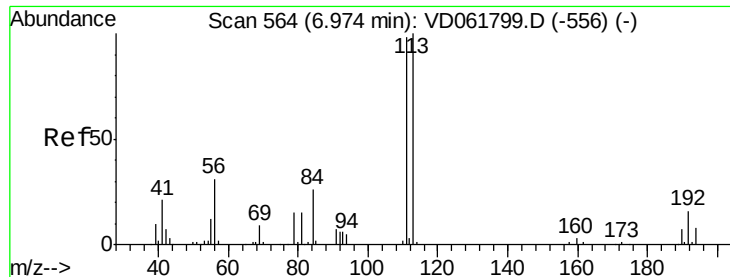
Tgt Ion: 65 Resp: 229235
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061915.D
 Acq: 19 Apr 2019 17:41

Tgt Ion: 114 Resp: 963268
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

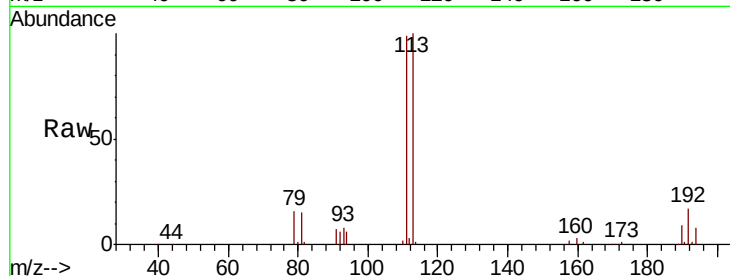
Tgt Ion:113 Resp: 349807

Ion Ratio Lower Upper

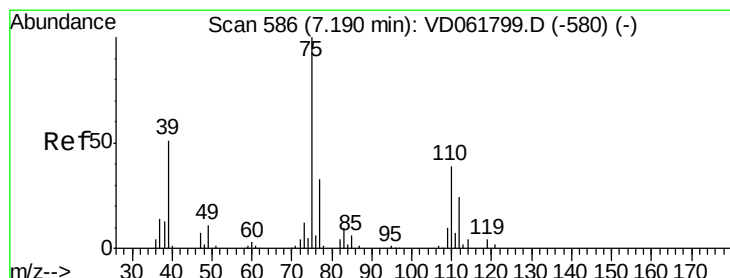
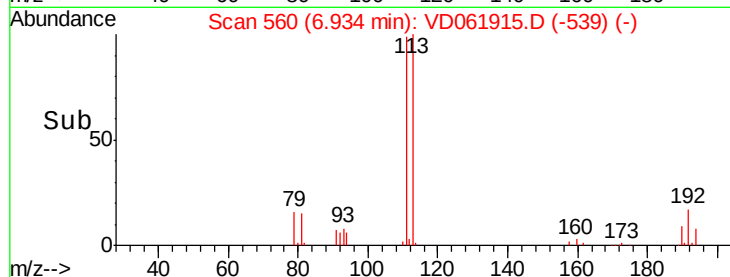
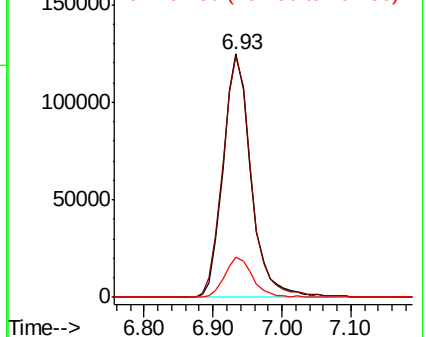
113 100

111 99.0 78.5 117.7

192 16.6 13.0 19.4



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: 5.419 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.10 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

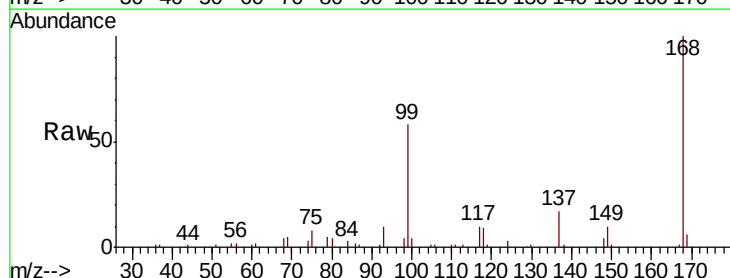
Tgt Ion: 75 Resp: 42653

Ion Ratio Lower Upper

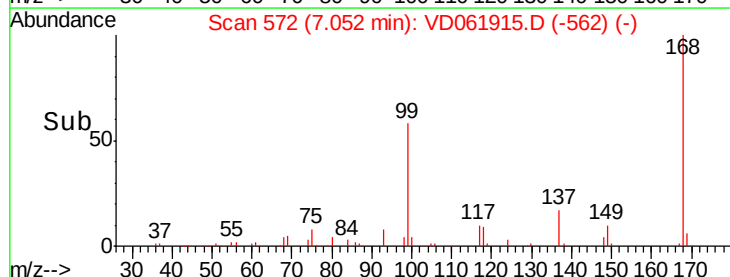
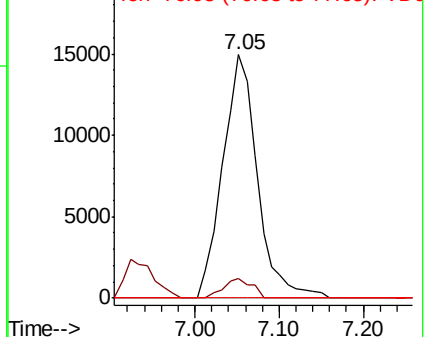
75 100

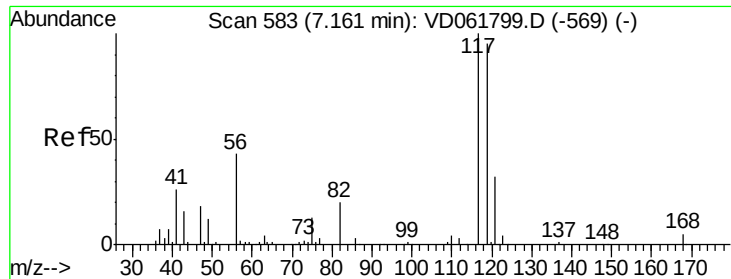
110 8.2 19.1 57.1#

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 5.577 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

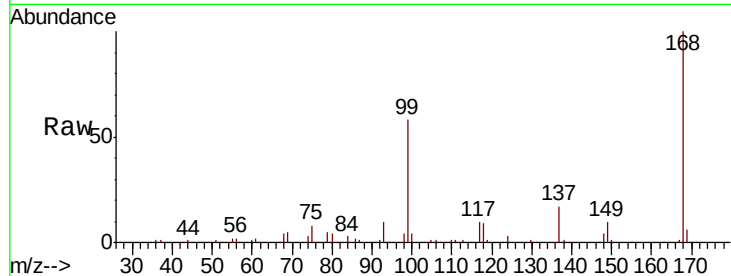
Tgt Ion:117 Resp: 55435

Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.8#

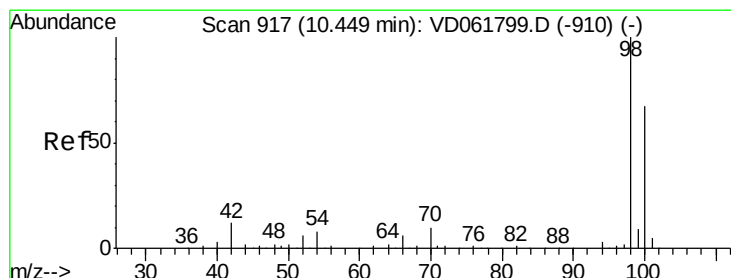
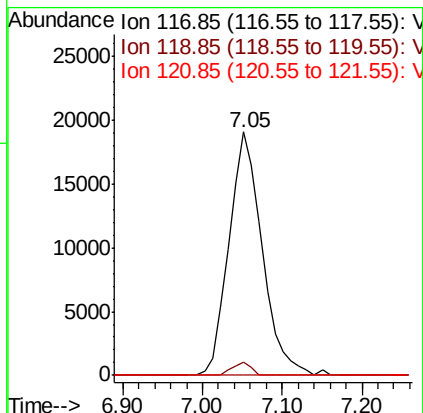
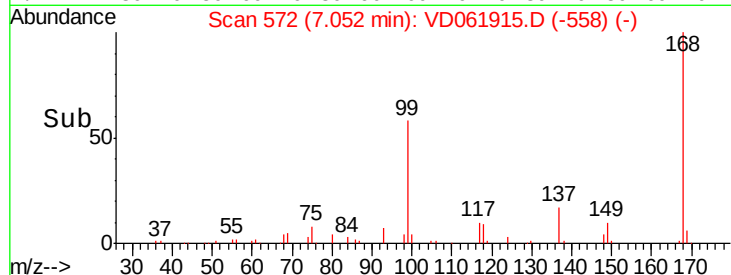
121 0.0 25.9 38.9#



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: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061915.D

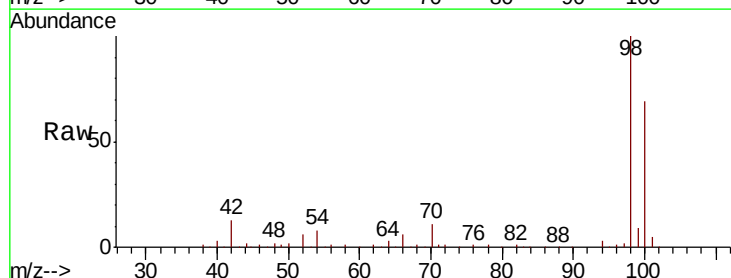
Acq: 19 Apr 2019 17:41

Tgt Ion: 98 Resp: 745854

Ion Ratio Lower Upper

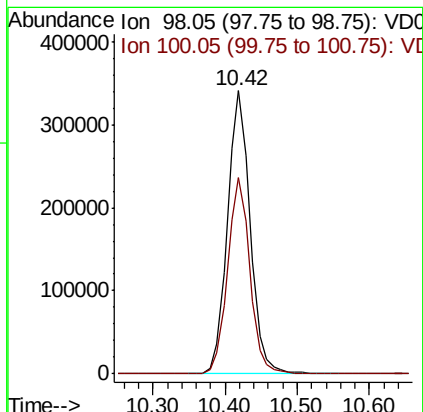
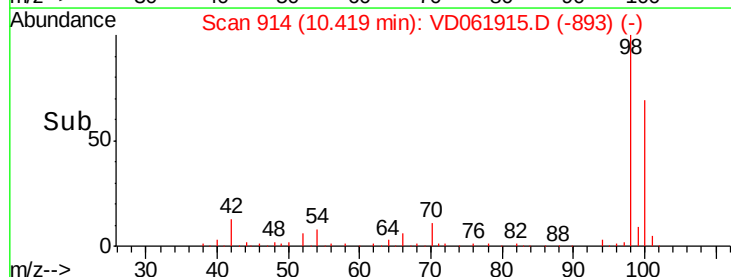
98 100

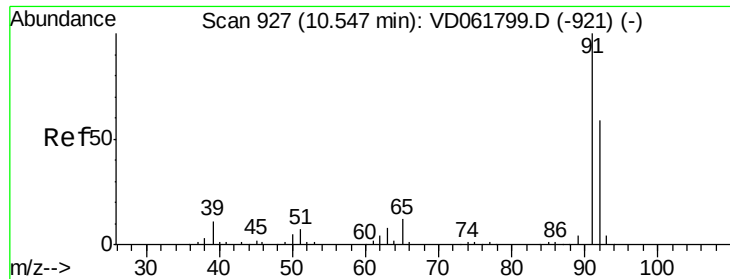
100 69.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.735 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

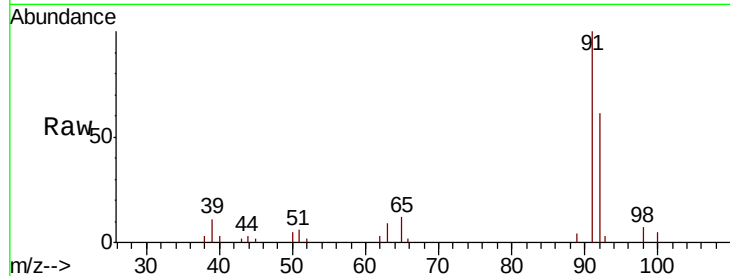
TP3-S

Tgt Ion: 92 Resp: 21014

Ion Ratio Lower Upper

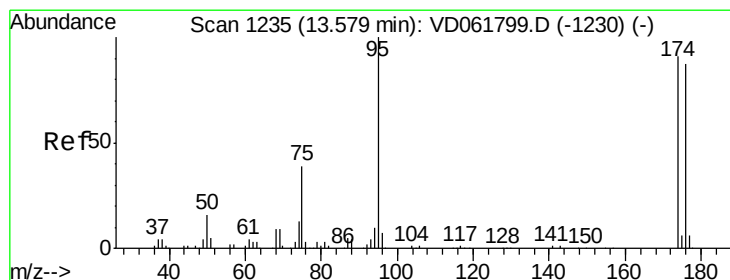
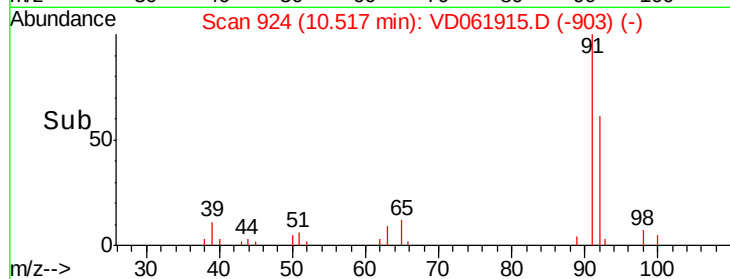
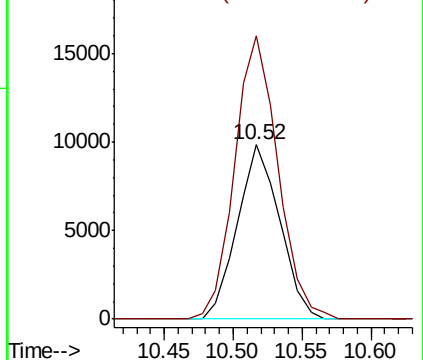
92 100

91 162.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

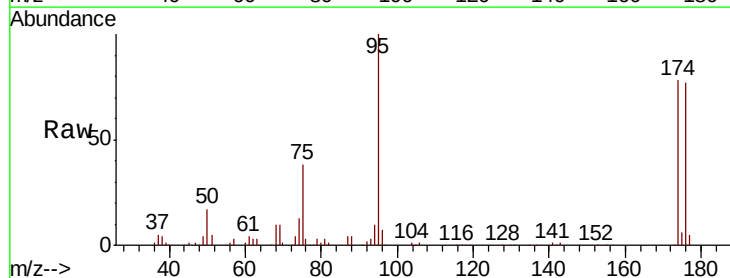
Tgt Ion: 95 Resp: 286565

Ion Ratio Lower Upper

95 100

174 77.7 0.0 181.8

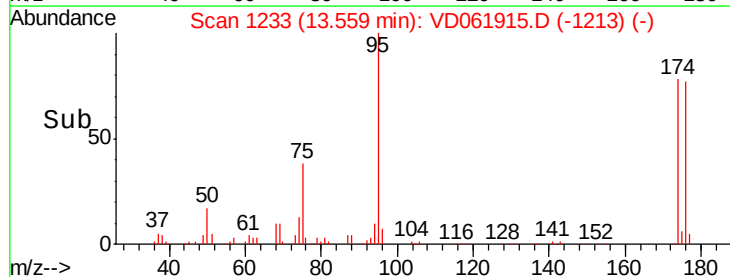
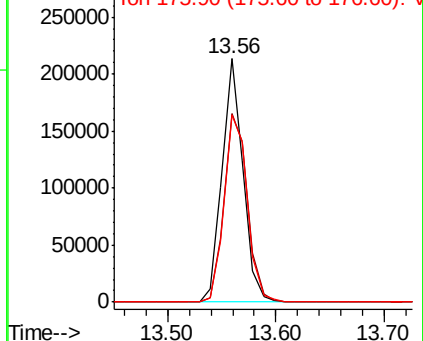
176 77.0 0.0 174.4

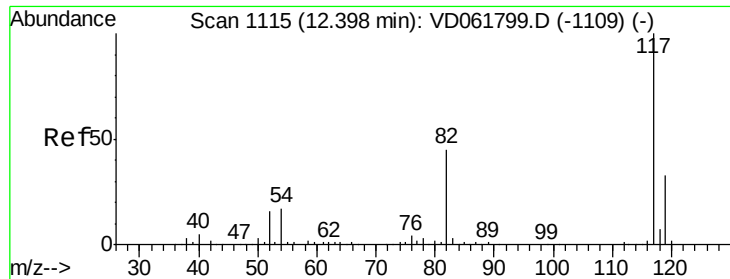


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

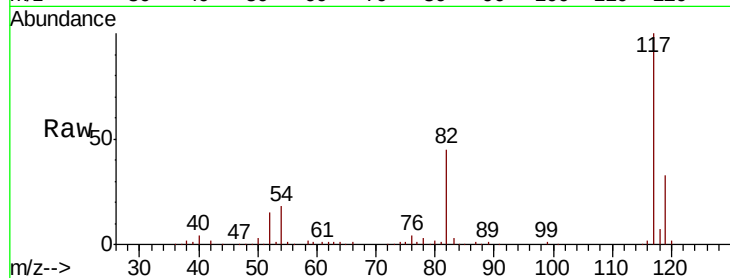




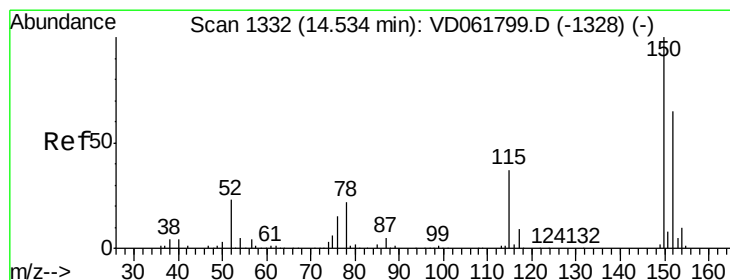
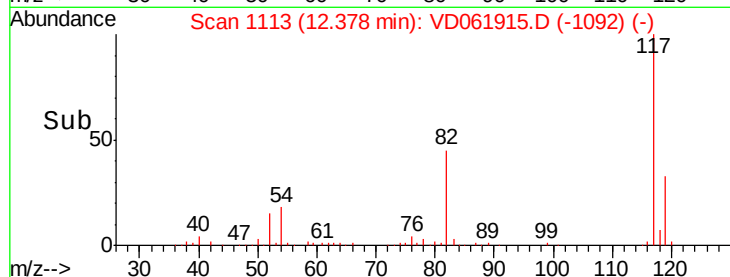
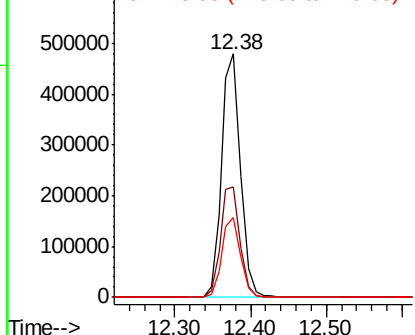
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 833873
Ion Ratio Lower Upper
117 100
82 45.3 36.2 54.2
119 32.8 26.2 39.4

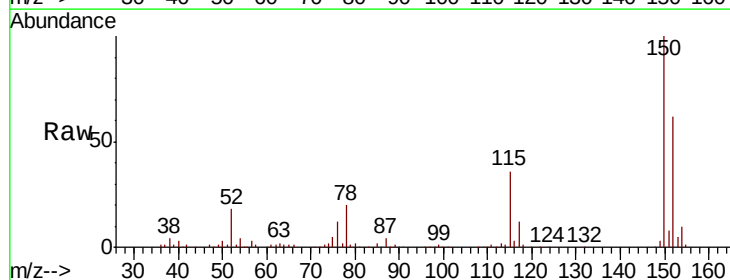


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

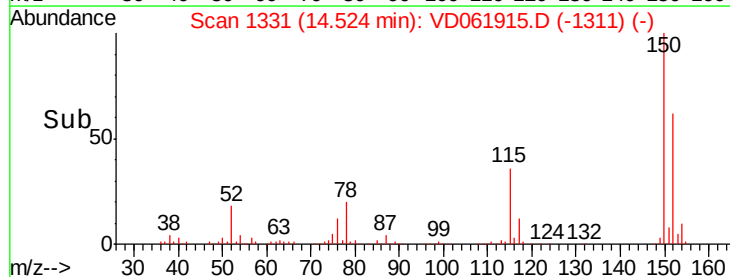
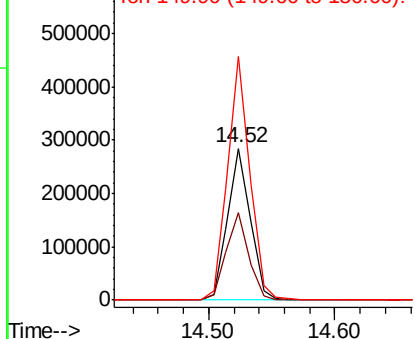


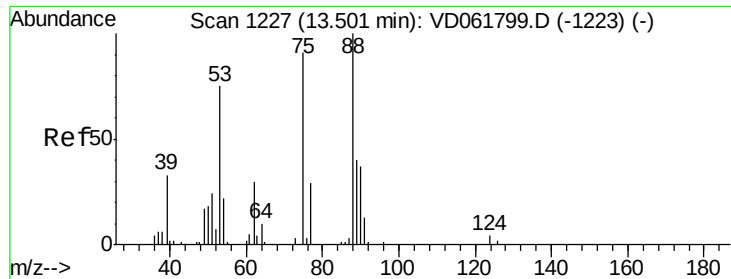
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

Tgt Ion:152 Resp: 352962
Ion Ratio Lower Upper
152 100
115 57.5 30.9 92.7
150 160.2 0.0 314.8



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: 71.051 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

Tgt Ion: 75 Resp: 108999

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

