

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061430.D
 Acq On : 29 Mar 2019 15:28
 Operator : VA/AP
 Sample : K2107-17
 Misc : 6.85g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Mar 29 22:37:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

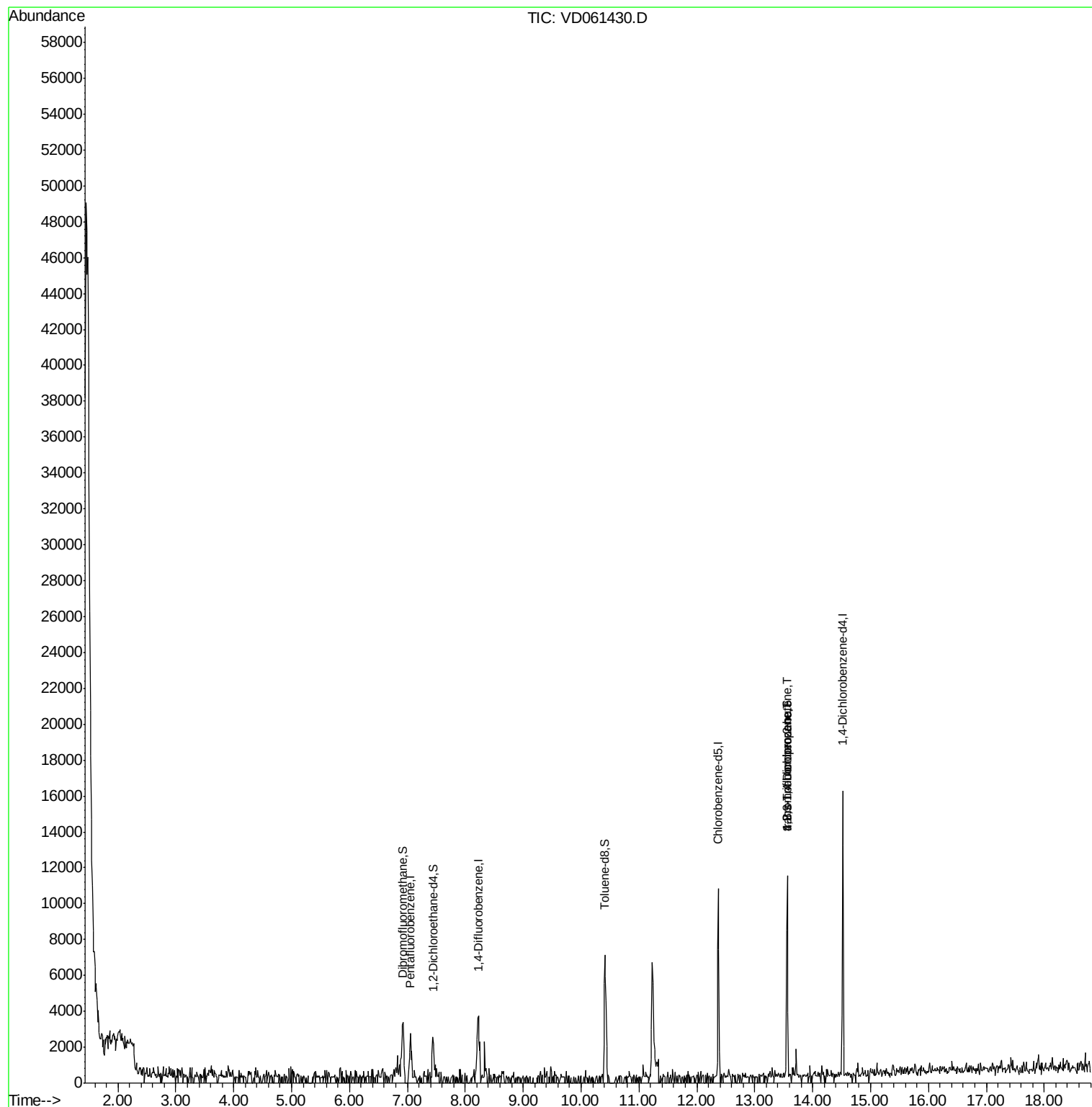
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	3758	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	8012	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	8171	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	4147	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	3353	104.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	208.90%	
35) Dibromofluoromethane	6.92	113	3394	55.43	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.86%	
50) Toluene-d8	10.41	98	8656	58.95	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.90%	
62) 4-Bromofluorobenzene	13.56	95	4206	74.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	149.38%	
Target Compounds						
76) 1,2,3-Trichloropropane	13.56	75	1046	17.461	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	1046	57.268	ug/l #	18

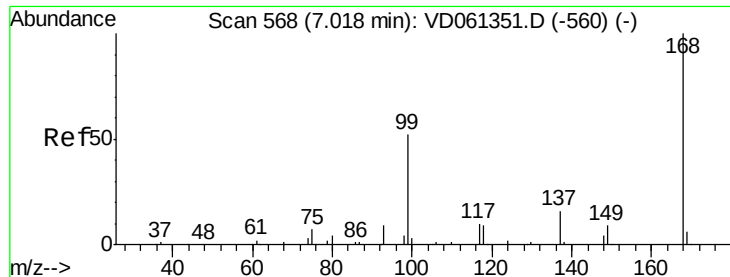
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061430.D

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MSVOA_D

ClientSampleId :

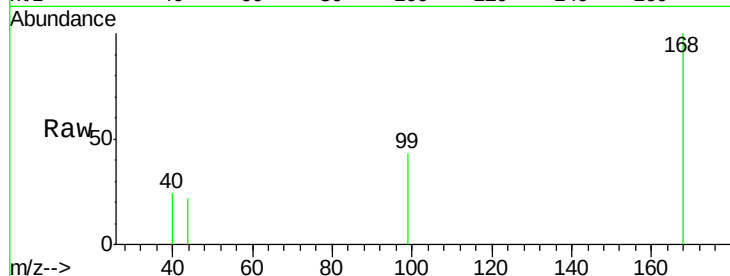
TP-9

Tot Ion:168 Resp: 3758

Ion Ratio Lower Upper

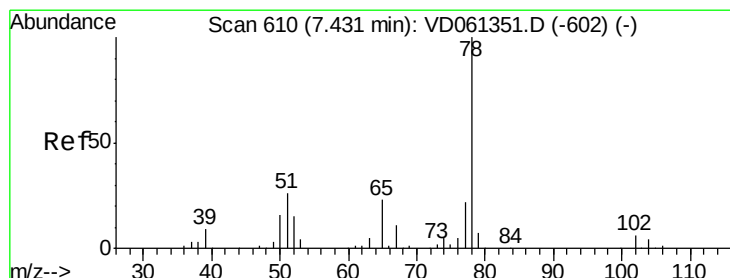
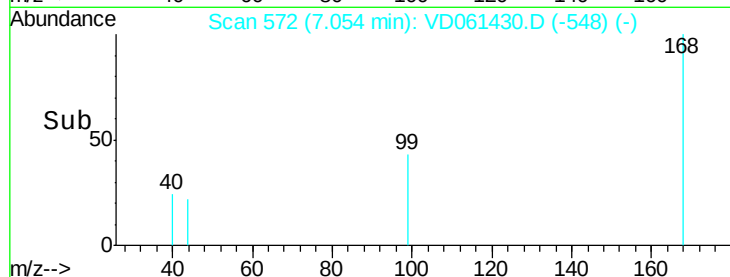
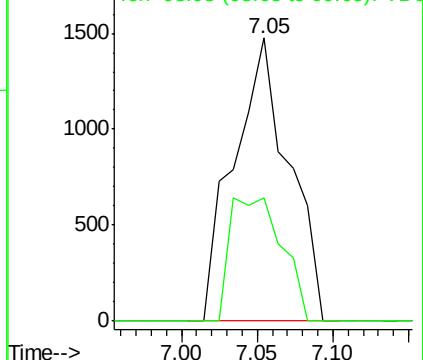
168 100

99 43.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061430.D

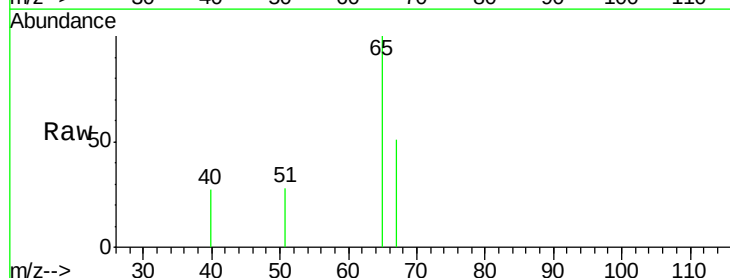
Acq: 29 Mar 2019 15:28

Tgt Ion: 65 Resp: 3353

Ion Ratio Lower Upper

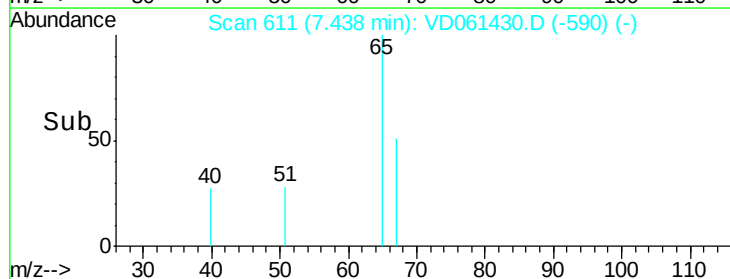
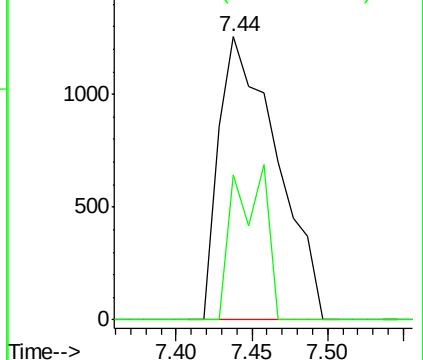
65 100

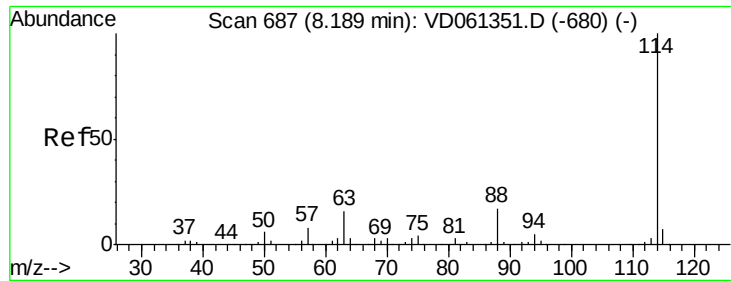
67 51.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

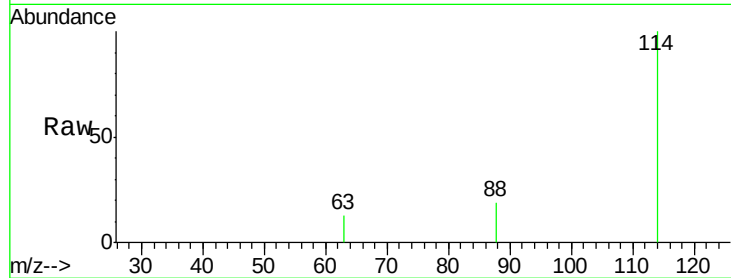




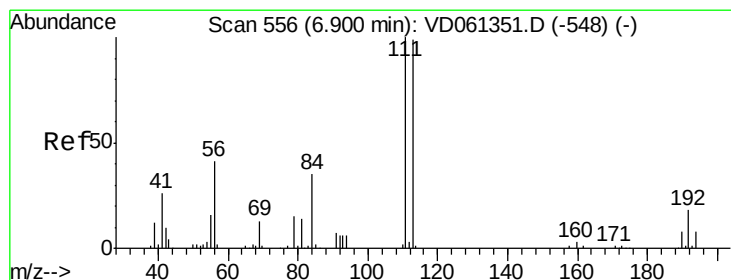
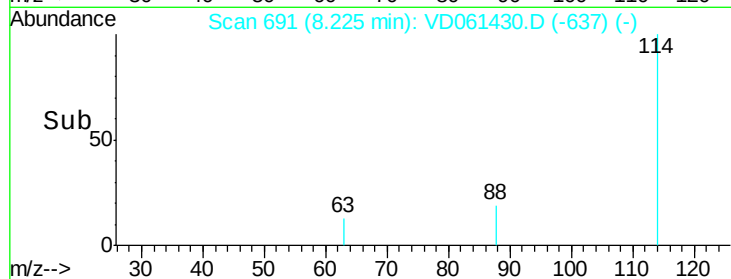
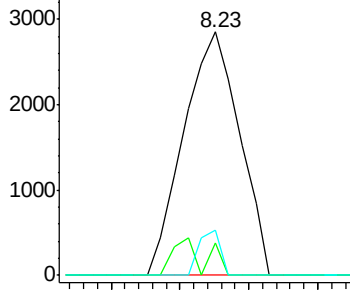
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD061430.D
 Acq: 29 Mar 2019 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Tot Ion:114 Resp: 8012
 Ion Ratio Lower Upper
 114 100
 63 13.1 0.0 31.6
 88 18.8 0.0 33.4

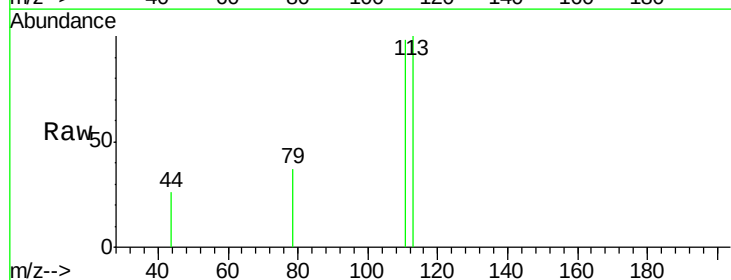


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

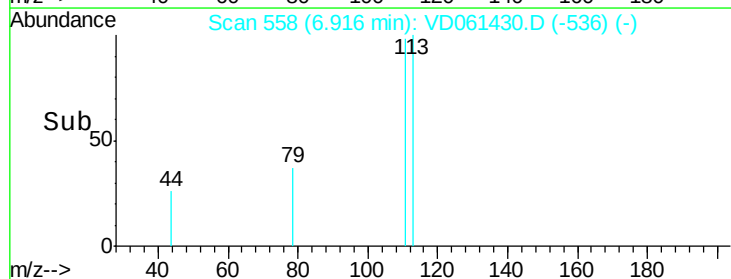
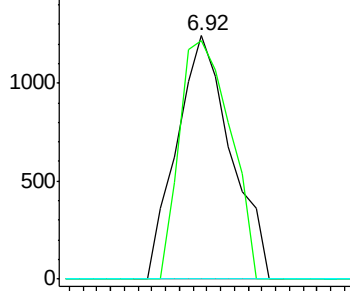


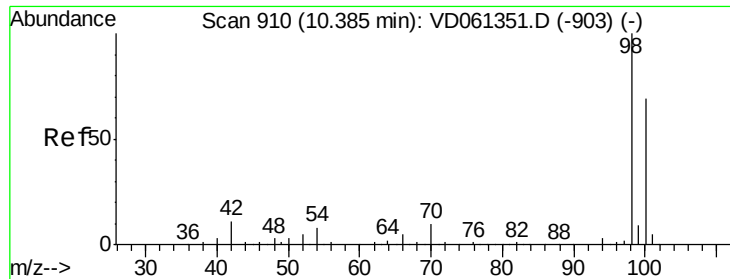
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061430.D
 Acq: 29 Mar 2019 15:28

Tgt Ion:113 Resp: 3394
 Ion Ratio Lower Upper
 113 100
 111 98.1 81.0 121.6
 192 0.0 14.4 21.6#



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

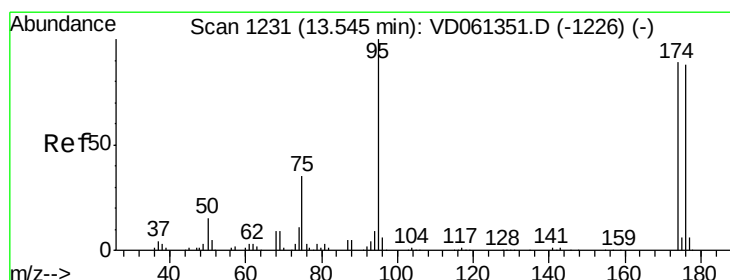
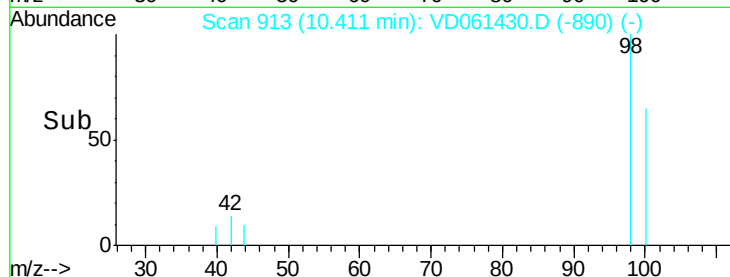
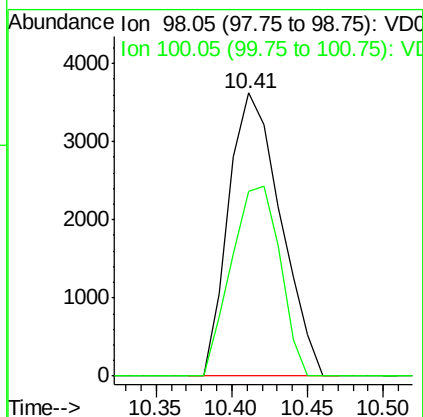
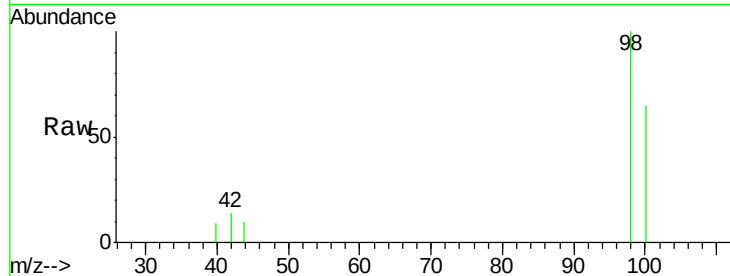




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061430.D
Acq: 29 Mar 2019 15:28

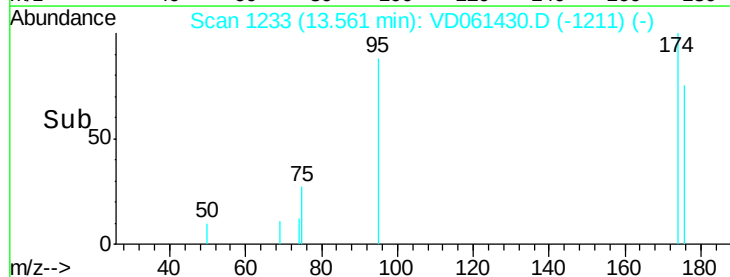
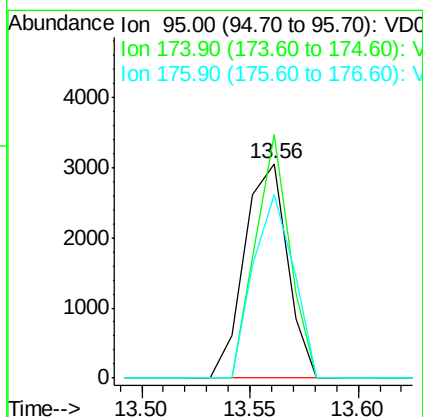
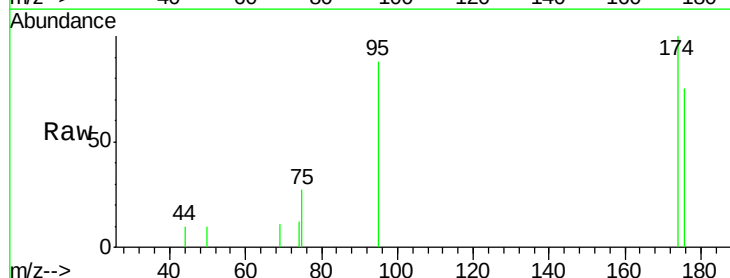
Instrument :
MSVOA_D
ClientSampleId :
TP-9

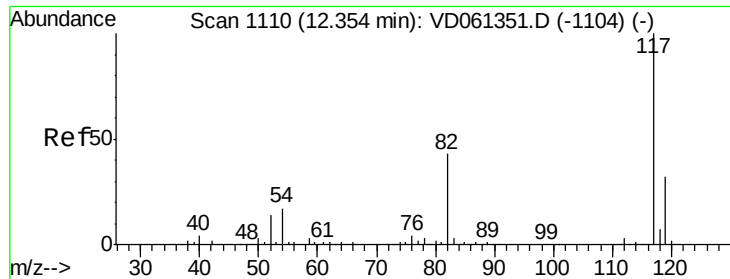
Tot Ion: 98 Resp: 8656
Ion Ratio Lower Upper
98 100
100 65.3 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061430.D
Acq: 29 Mar 2019 15:28

Tgt Ion: 95 Resp: 4206
Ion Ratio Lower Upper
95 100
174 113.5 0.0 178.0
176 85.6 0.0 175.0

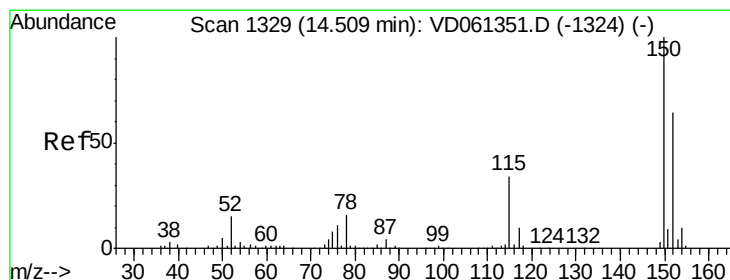
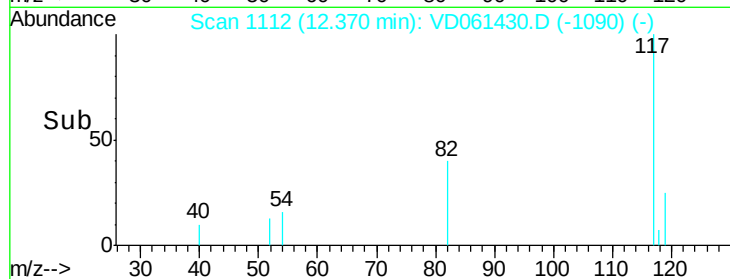
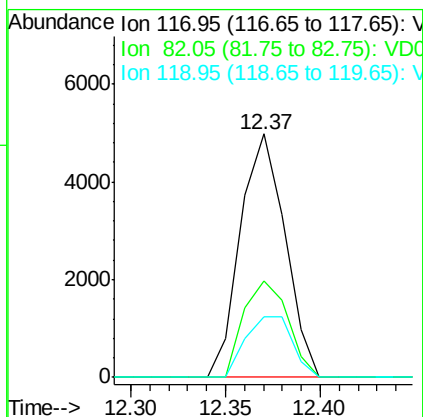
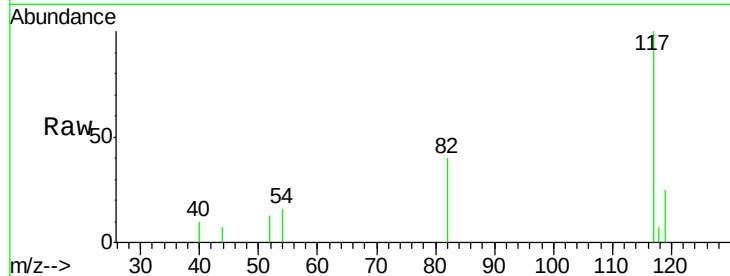




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061430.D
Acq: 29 Mar 2019 15:28

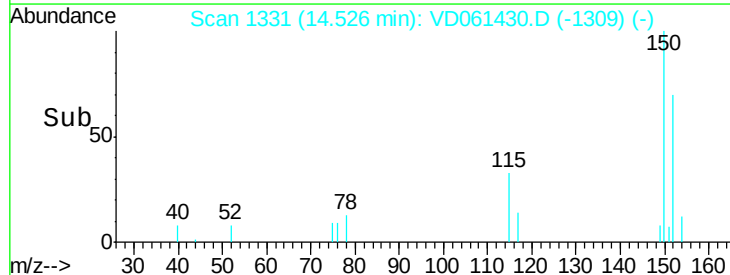
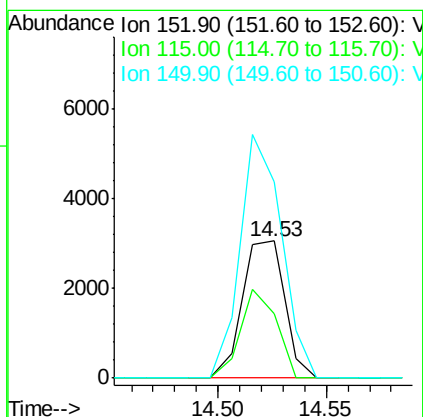
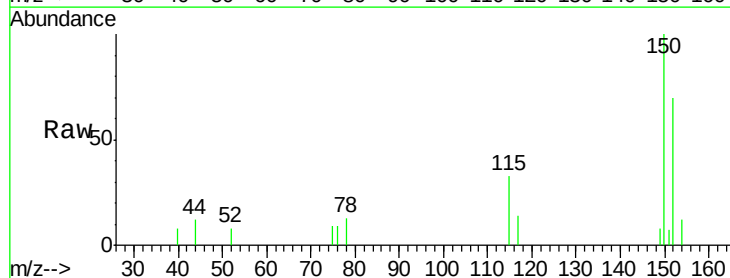
Instrument :
MSVOA_D
ClientSampleId :
TP-9

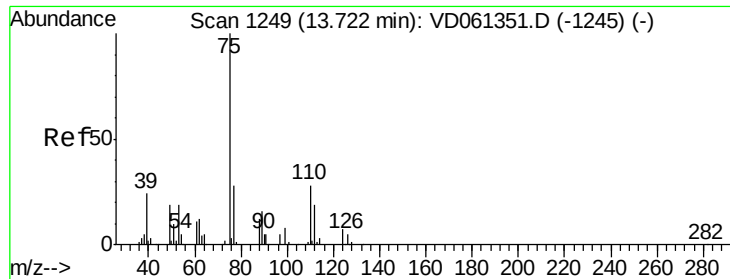
Tot Ion:117 Resp: 8171
Ion Ratio Lower Upper
117 100
82 39.5 34.4 51.6
119 25.0 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061430.D
Acq: 29 Mar 2019 15:28

Tgt Ion:152 Resp: 4147
Ion Ratio Lower Upper
152 100
115 47.1 26.9 80.6
150 143.6 0.0 318.0

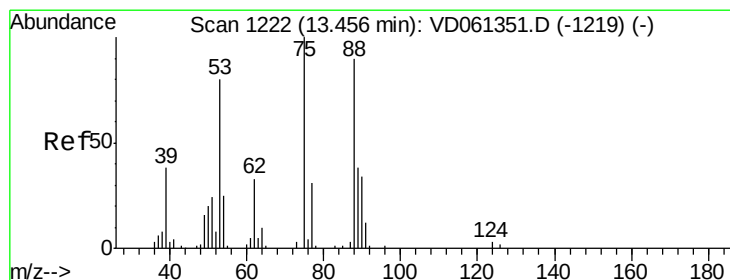
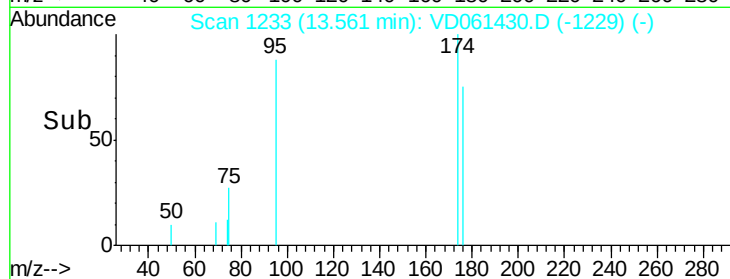
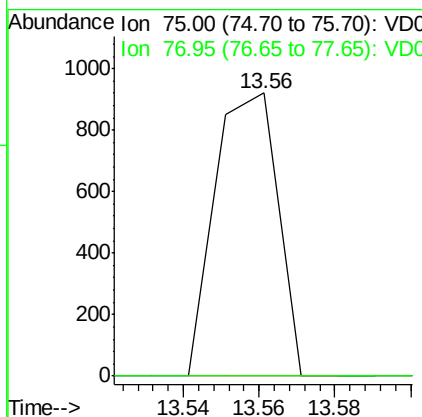
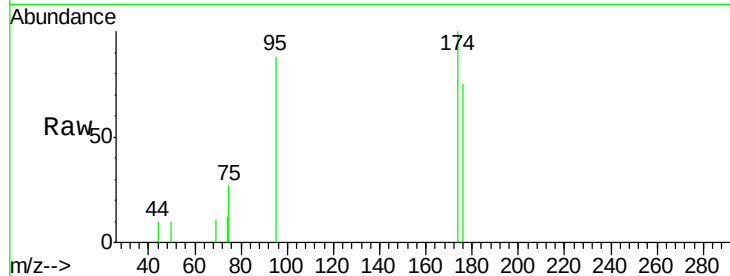




#76
 1,2,3-Trichloropropane
 Concen: 17.461 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.16 min
 Lab File: VD061430.D
 Acq: 29 Mar 2019 15:28

Instrument :
 MSVOA_D
 ClientSampled :
 TP-9

Tot Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.2 48.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.268 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.10 min
 Lab File: VD061430.D
 Acq: 29 Mar 2019 15:28

Tgt Ion: 75 Resp: 1046
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.8#
 89 0.0 30.5 45.7#

