

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061386.D
 Acq On : 28 Mar 2019 8:43
 Operator : VA/AP
 Sample : K2107-09
 Misc : 4.35g/5ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Mar 28 09:45:30 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

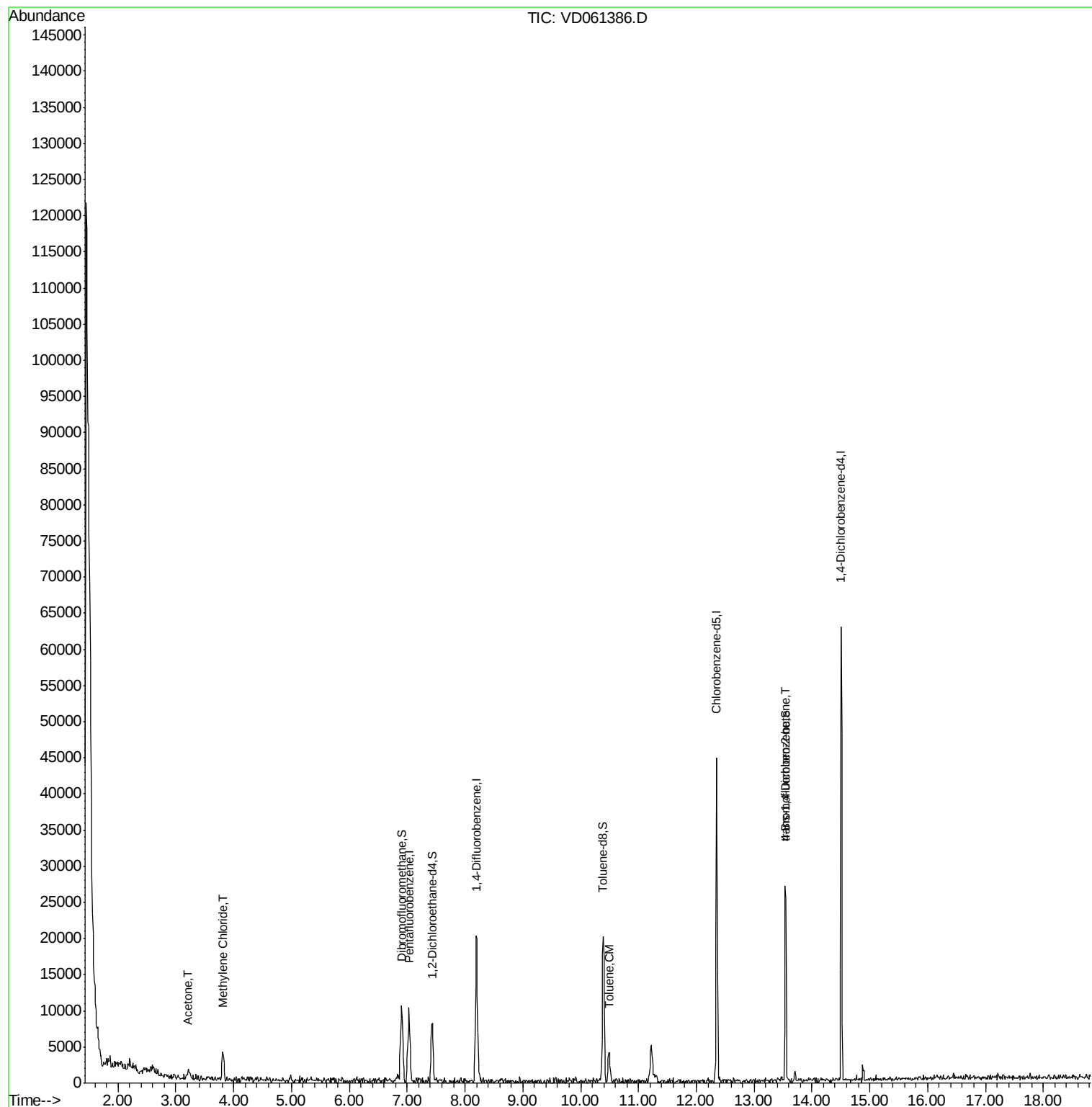
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	12388	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.19	114	30695	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	30688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	15252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	9558	90.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	180.64%	
35) Dibromofluoromethane	6.90	113	10281	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
50) Toluene-d8	10.39	98	21049	37.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.82%	
62) 4-Bromofluorobenzene	13.54	95	10547	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	3.21	43	3596	132.188	ug/l #	48
20) Methylene Chloride	3.81	84	3071	18.960	ug/l #	76
52) Toluene	10.49	92	3056	7.450	ug/l	86
81) trans-1,4-Dichloro-2-buten	13.54	75	3614	53.799	ug/l #	18

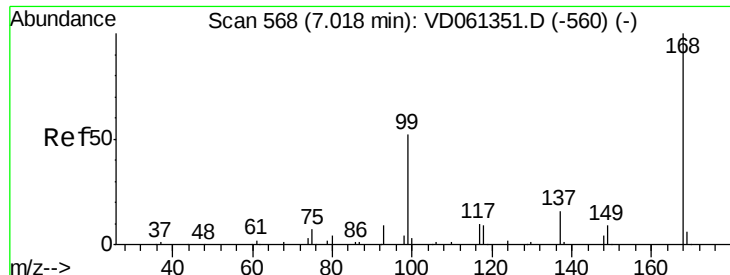
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061386.D

Acq: 28 Mar 2019 8:43

Instrument :

MSVOA_D

ClientSampled :

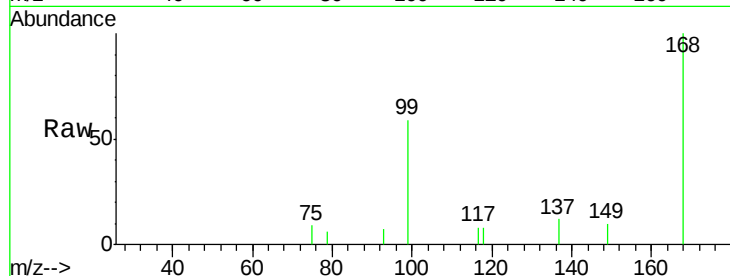
TP-5

Tgt Ion:168 Resp: 12388

Ion Ratio Lower Upper

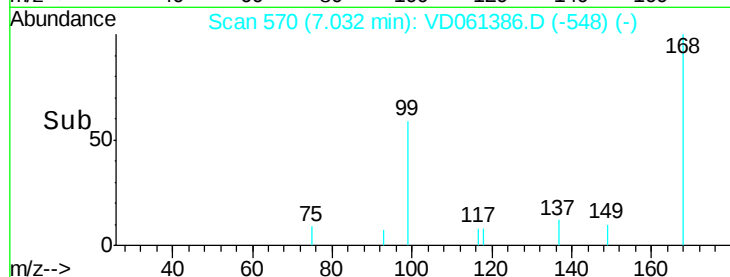
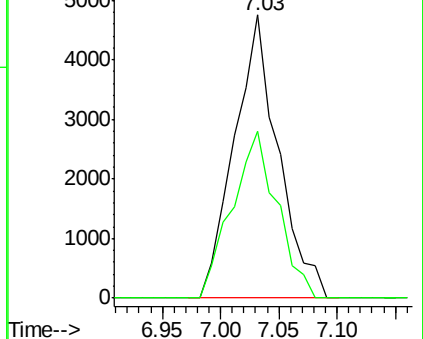
168 100

99 58.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 132.188 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061386.D

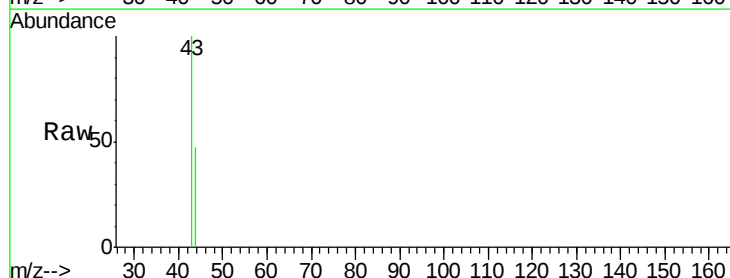
Acq: 28 Mar 2019 8:43

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

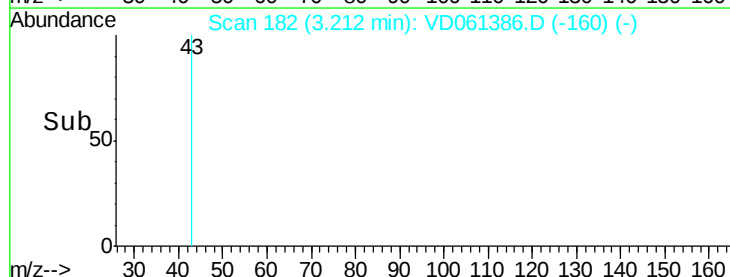
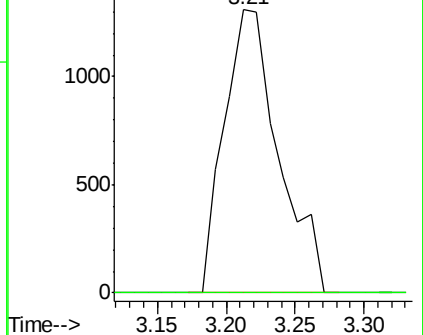
43 100

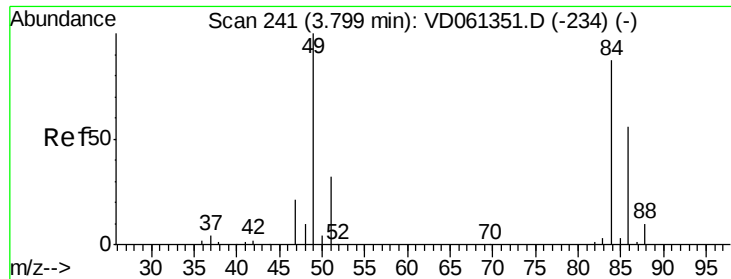
58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

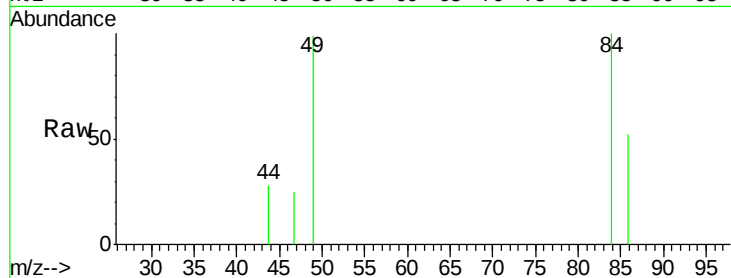




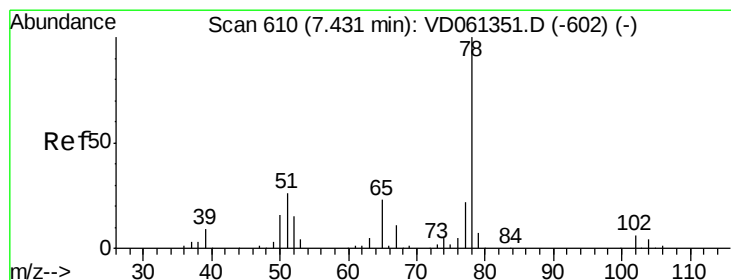
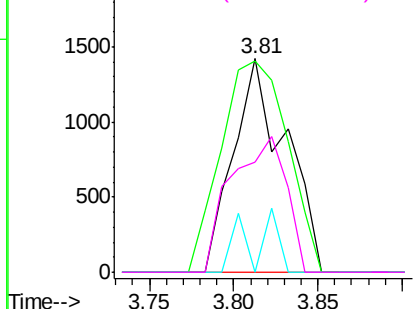
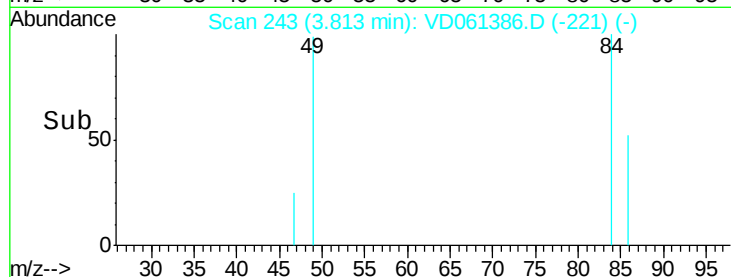
#20
Methylene Chloride
Concen: 18.960 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion: 84 Resp: 3071
Ion Ratio Lower Upper
84 100
49 98.8 91.8 137.8
51 0.0 29.8 44.8#
86 51.6 51.8 77.6#

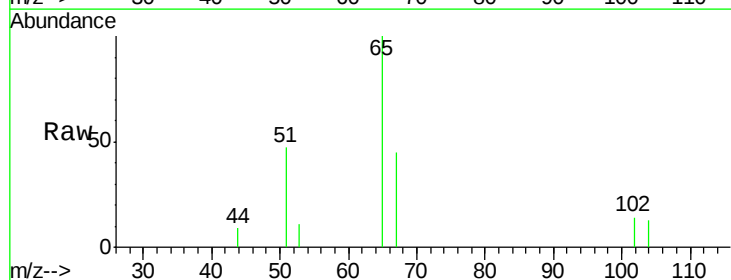


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

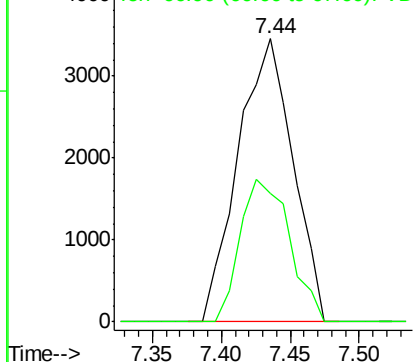
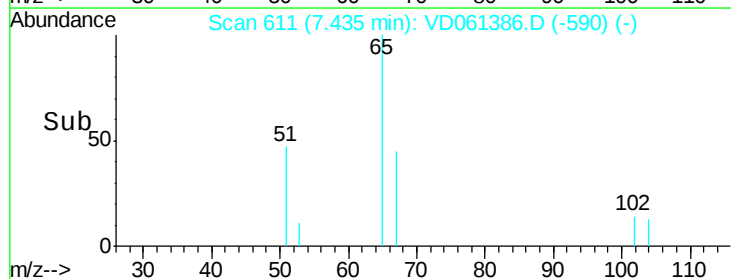


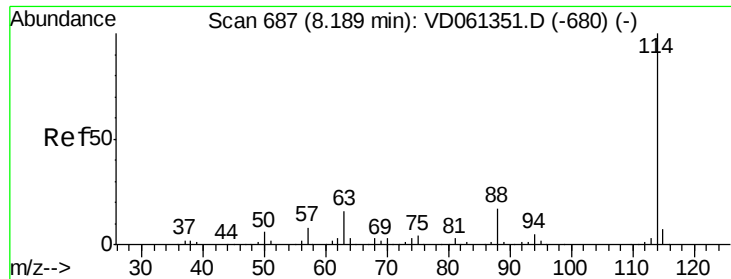
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

Tgt Ion: 65 Resp: 9558
Ion Ratio Lower Upper
65 100
67 45.3 0.0 99.8



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

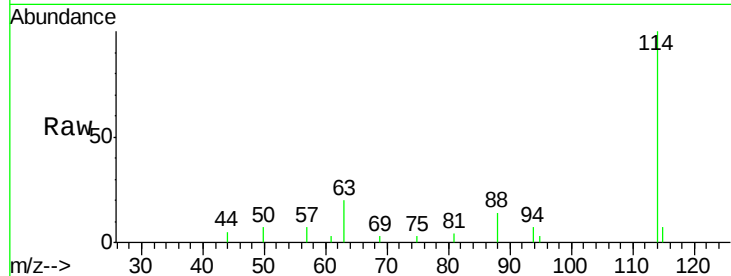




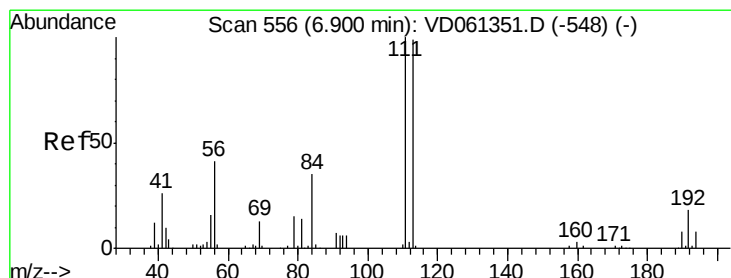
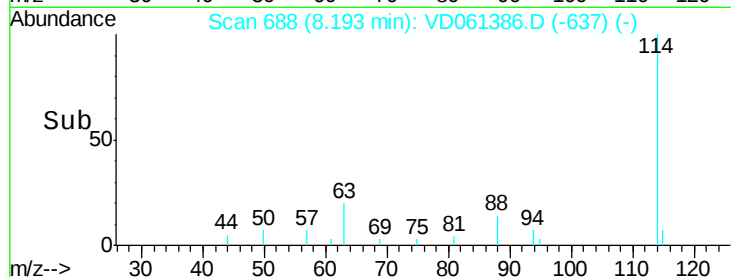
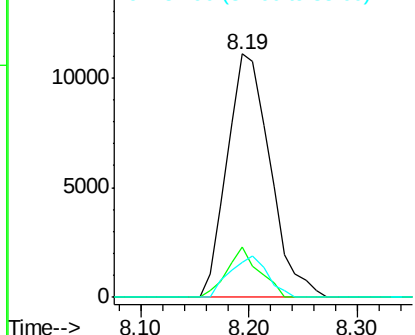
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD061386.D
 Acq: 28 Mar 2019 8:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Tgt Ion:114 Resp: 30695
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 31.6
 88 14.5 0.0 33.4

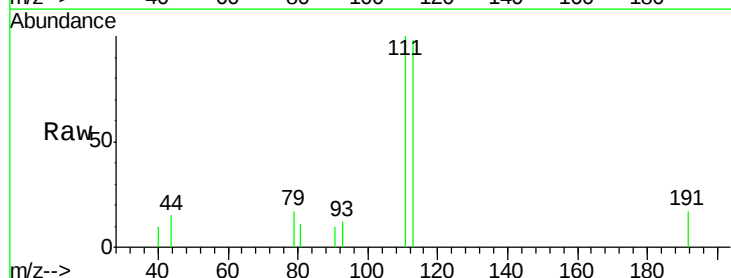


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

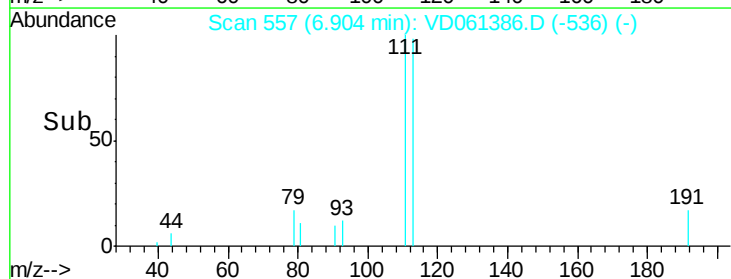
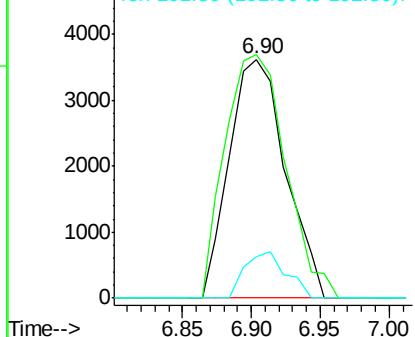


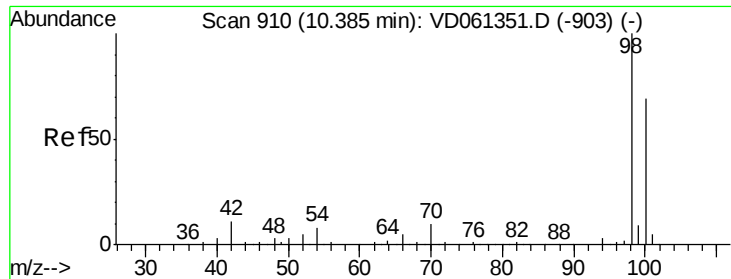
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061386.D
 Acq: 28 Mar 2019 8:43

Tgt Ion:113 Resp: 10281
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.6
 192 17.5 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

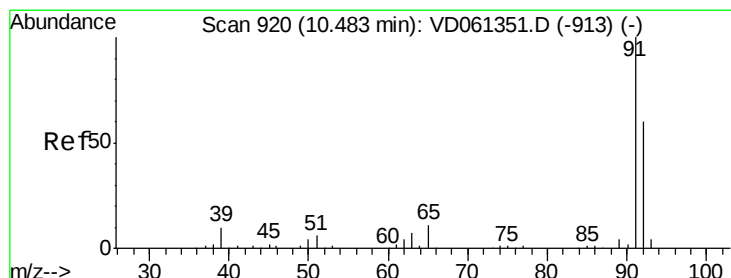
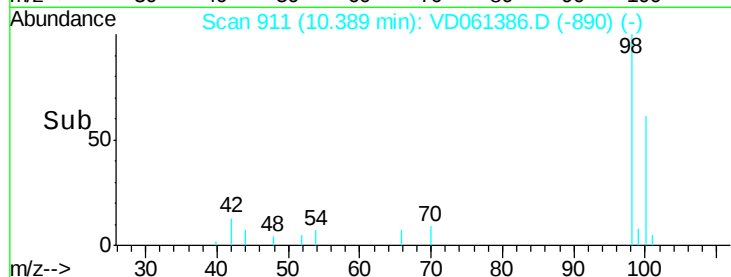
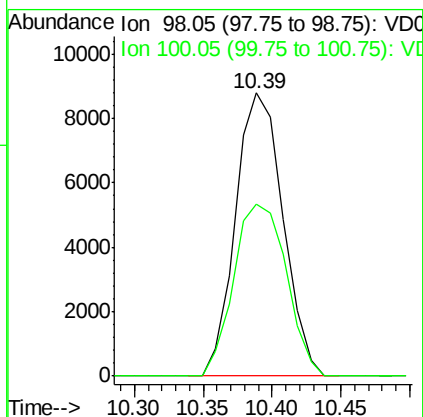
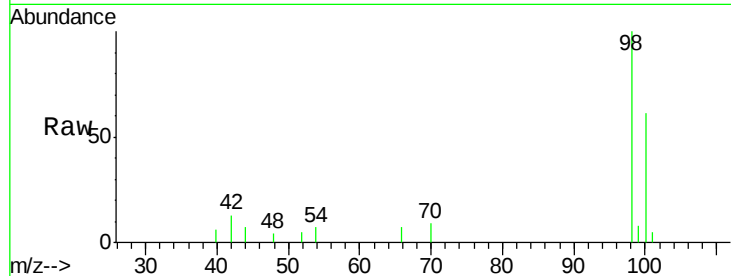




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

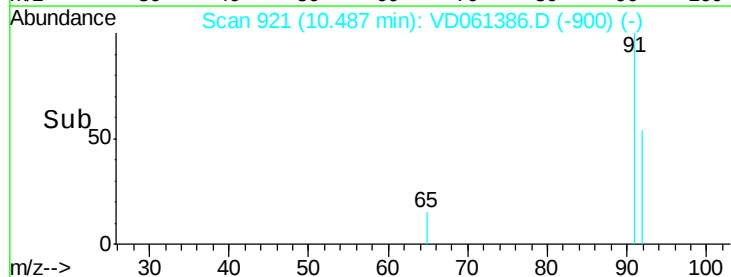
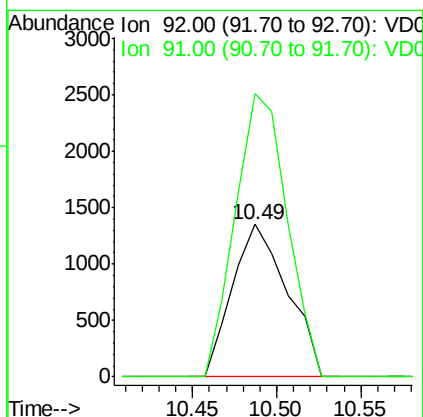
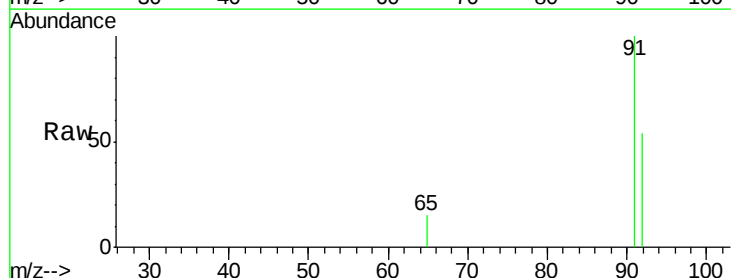
Instrument :
MSVOA_D
ClientSampleId :
TP-5

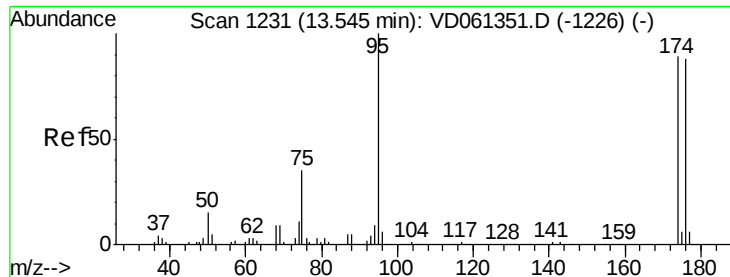
Tgt Ion: 98 Resp: 21049
Ion Ratio Lower Upper
98 100
100 60.6 56.2 84.2



#52
Toluene
Concen: 7.450 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

Tgt Ion: 92 Resp: 3056
Ion Ratio Lower Upper
92 100
91 185.6 133.3 199.9

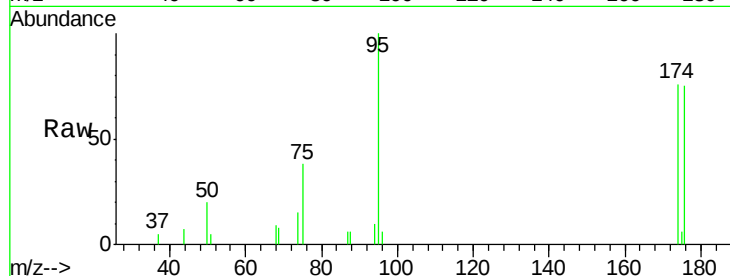




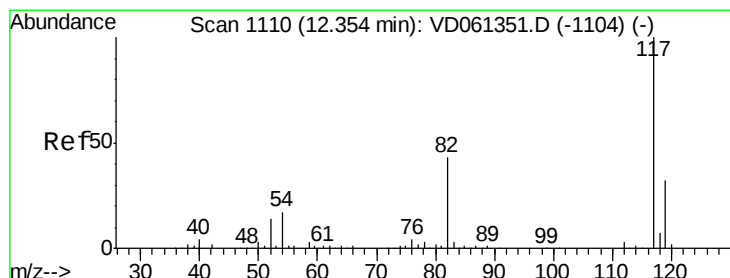
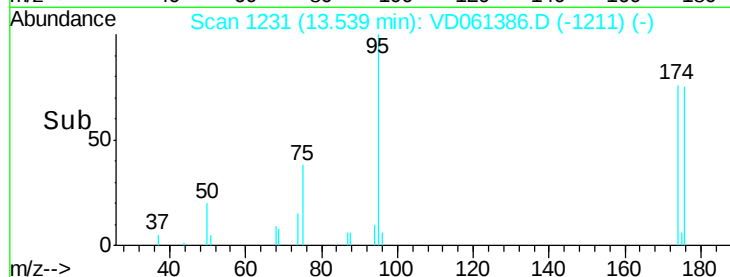
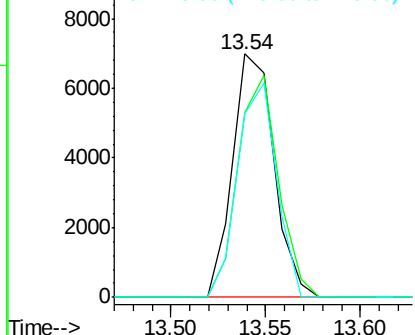
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion: 95 Resp: 10547
Ion Ratio Lower Upper
95 100
174 76.0 0.0 178.0
176 75.2 0.0 175.0

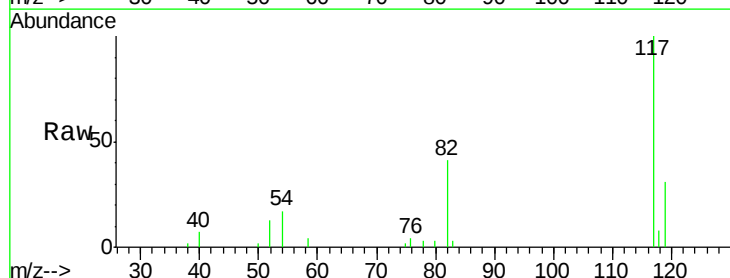


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

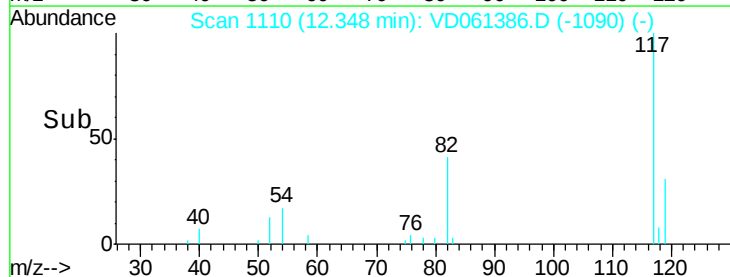
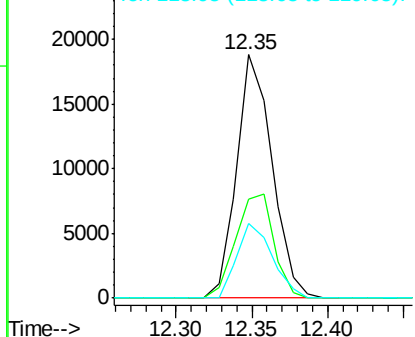


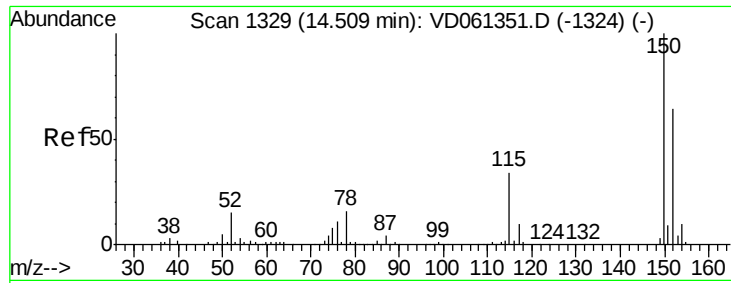
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061386.D
Acq: 28 Mar 2019 8:43

Tgt Ion: 117 Resp: 30688
Ion Ratio Lower Upper
117 100
82 40.7 34.4 51.6
119 30.6 25.8 38.6



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: 14.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061386.D

Acq: 28 Mar 2019 8:43

Instrument :

MSVOA_D

ClientSampleId :

TP-5

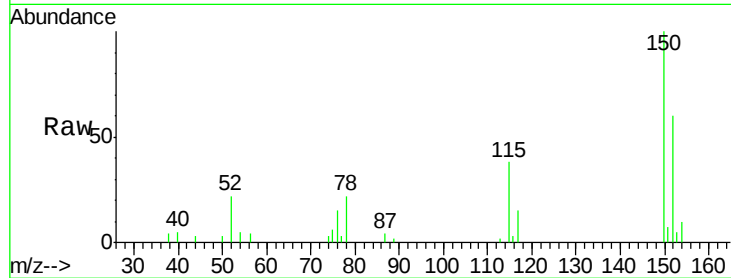
Tgt Ion:152 Resp: 15252

Ion Ratio Lower Upper

152 100

115 63.1 26.9 80.6

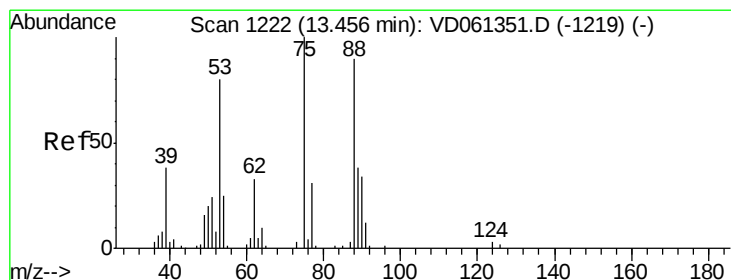
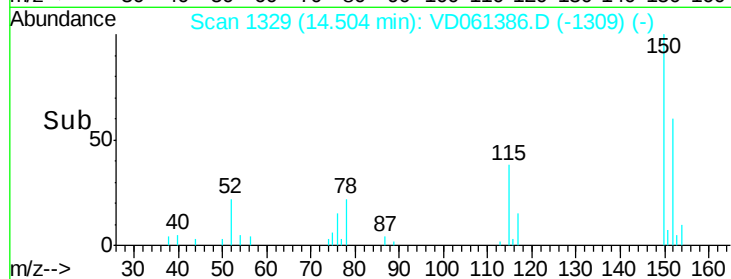
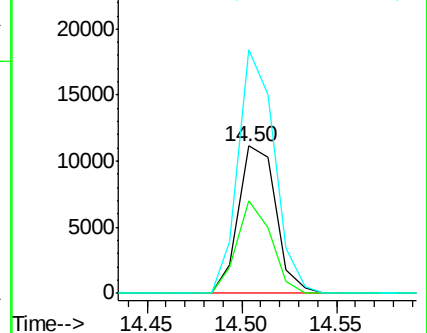
150 165.4 0.0 318.0



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: 53.799 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061386.D

Acq: 28 Mar 2019 8:43

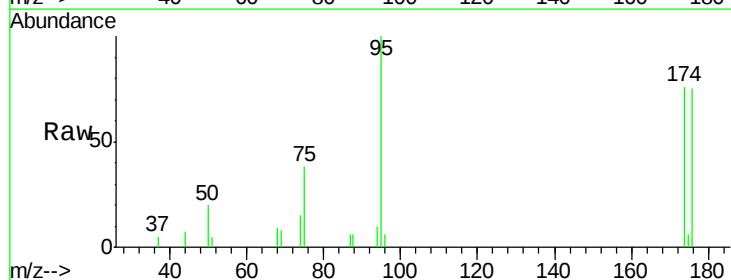
Tgt Ion: 75 Resp: 3614

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

