

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061587.D
 Acq On : 4 Apr 2019 19:03
 Operator : VA/AP
 Sample : K2245-14
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

Quant Time: Apr 05 01:57:12 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

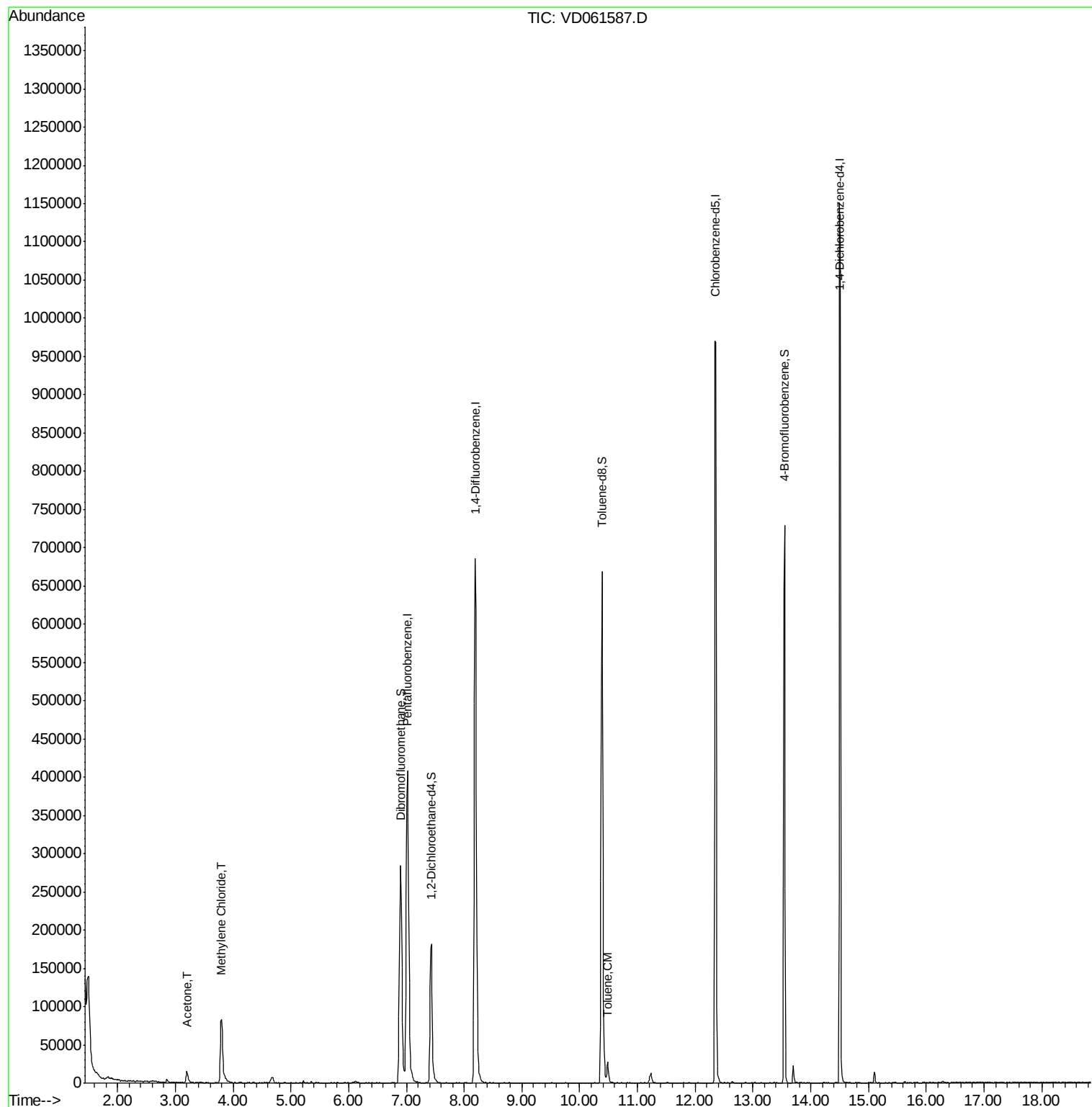
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	436689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	824309	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	656937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	291436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	178411	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	6.90	113	277604	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
50) Toluene-d8	10.39	98	590905	39.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.22%	
62) 4-Bromofluorobenzene	13.55	95	240600	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
Target Compounds						
16) Acetone	3.20	43	26413	27.544	ug/l #	84
20) Methylene Chloride	3.79	84	66746	10.924	ug/l	96
52) Toluene	10.48	92	15173	1.377	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

Lab File: VD061587.D

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Instrument :

MSVOA_D

ClientSampleId :

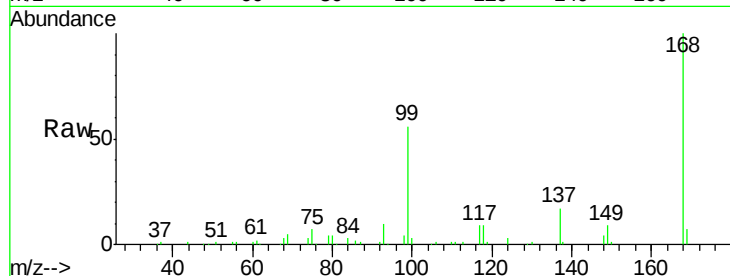
TP-3-D2

Tot Ion:168 Resp: 436689

Ion Ratio Lower Upper

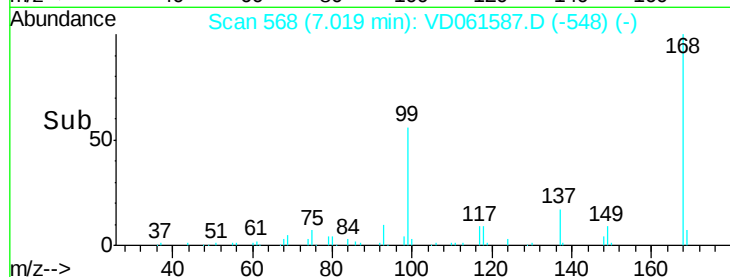
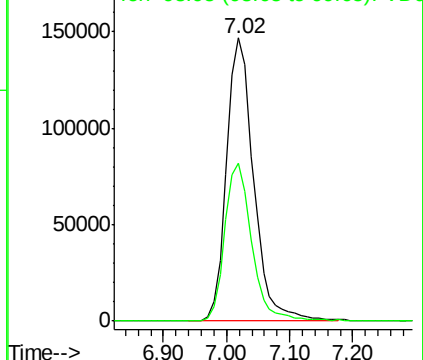
168 100

99 55.9 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: 27.544 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD061587.D

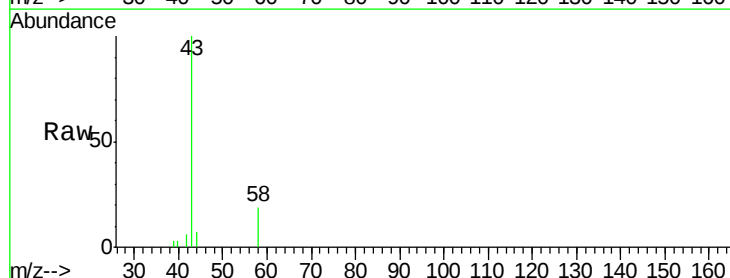
Acq: 4 Apr 2019 19:03

Tgt Ion: 43 Resp: 26413

Ion Ratio Lower Upper

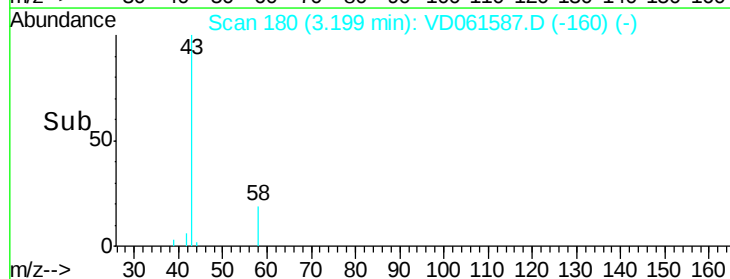
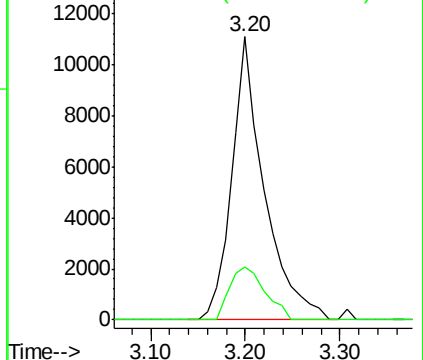
43 100

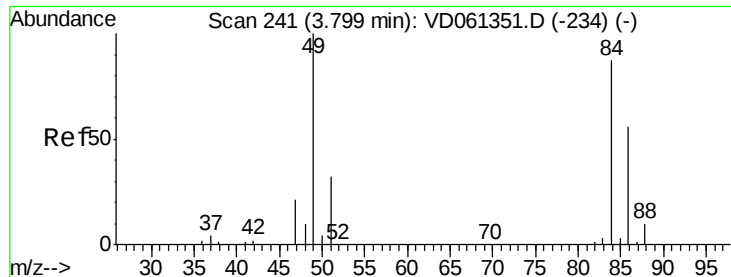
58 18.6 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

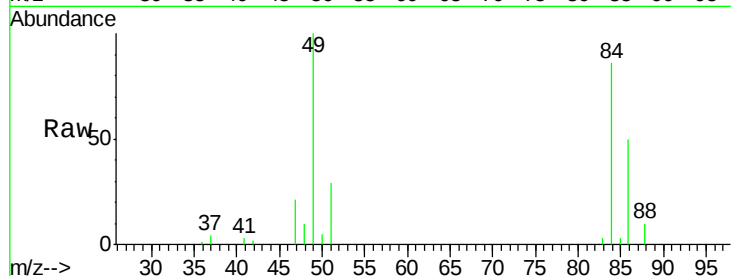




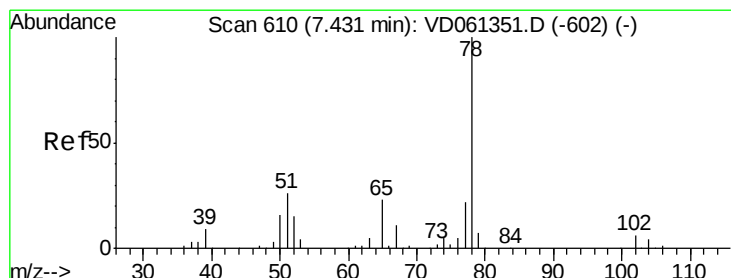
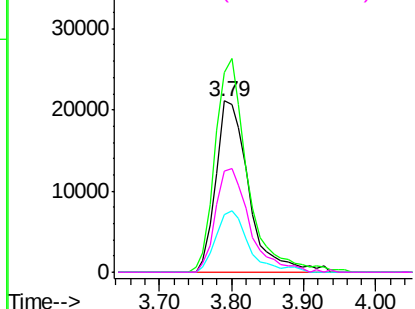
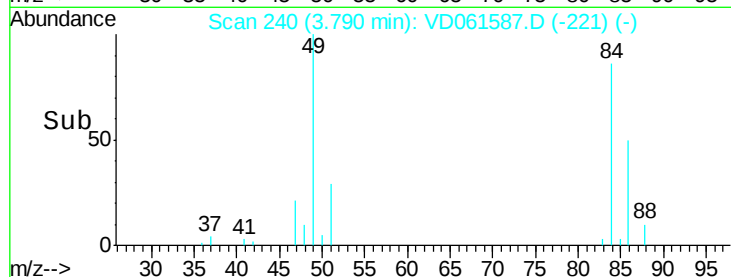
#20
Methylene Chloride
Concen: 10.924 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

Instrument :
MSVOA_D
ClientSampleId :
TP-3-D2

Tot Ion: 84 Resp: 66746
Ion Ratio Lower Upper
84 100
49 116.7 91.8 137.8
51 33.3 29.8 44.8
86 58.7 51.8 77.6

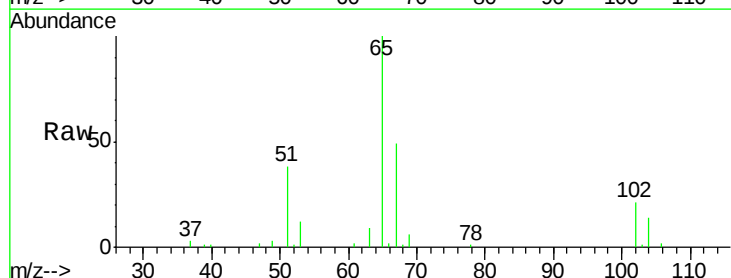


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

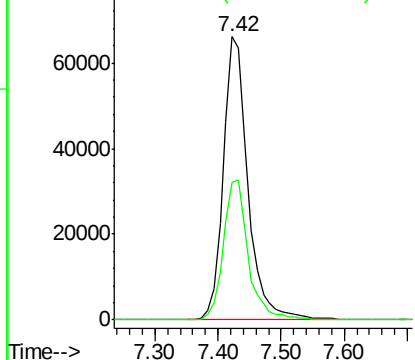
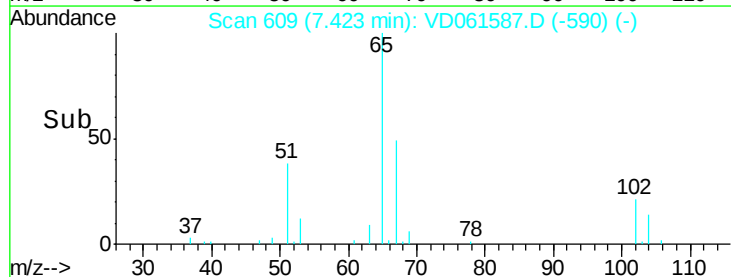


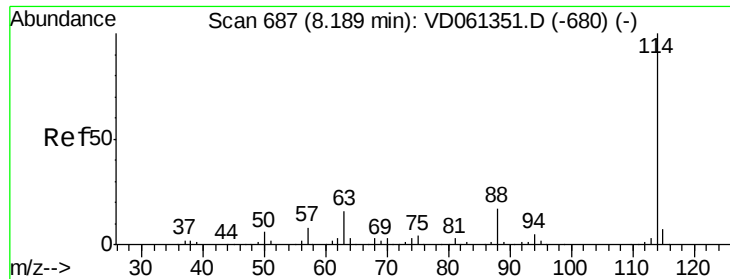
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.01 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

Tgt Ion: 65 Resp: 178411
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.8



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

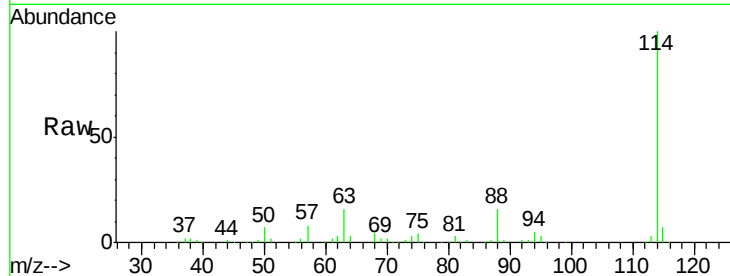




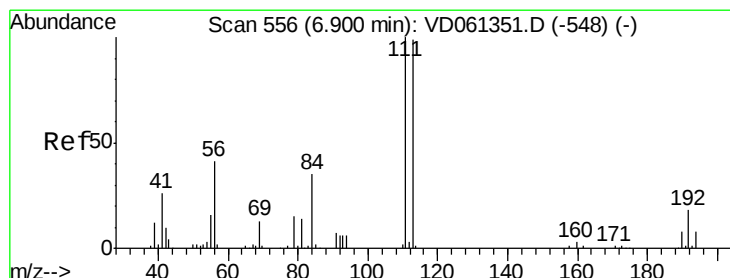
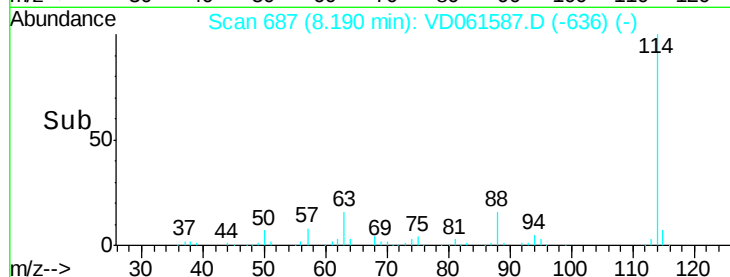
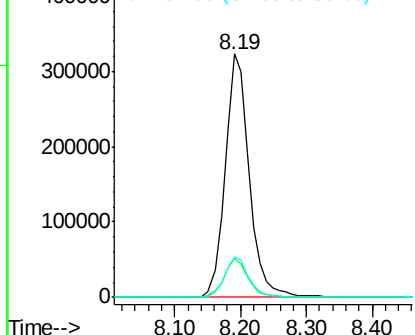
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: VD061587.D
 Acq: 4 Apr 2019 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

Tot Ion:114 Resp: 824309
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 16.3 0.0 33.4

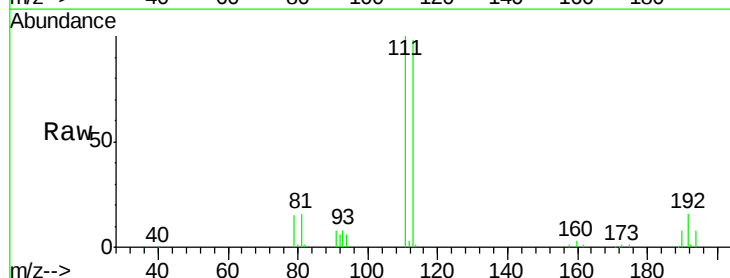


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

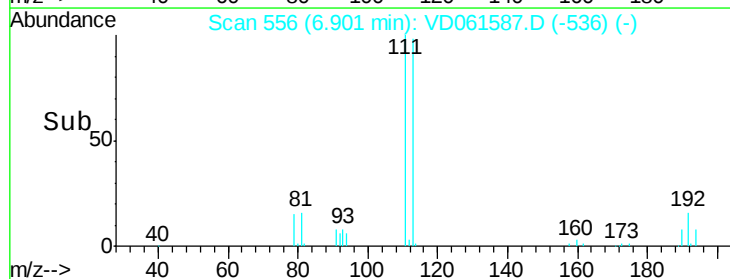
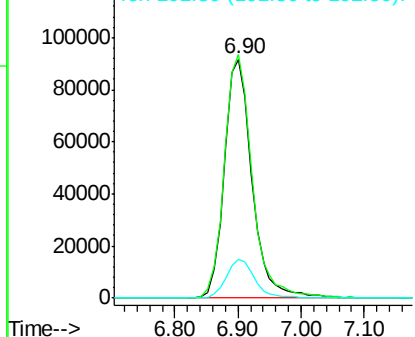


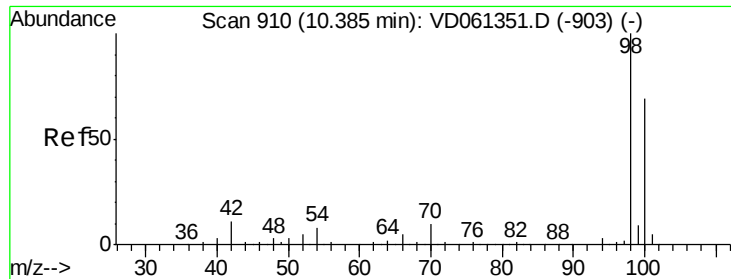
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD061587.D
 Acq: 4 Apr 2019 19:03

Tgt Ion:113 Resp: 277604
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 16.1 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

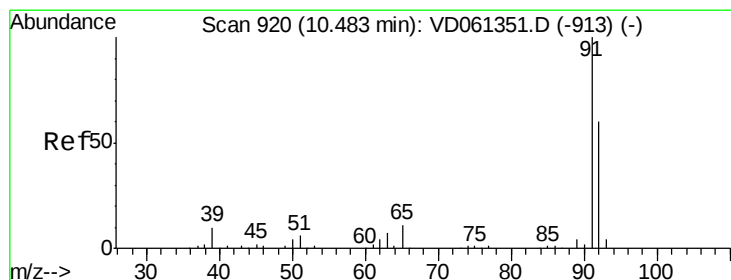
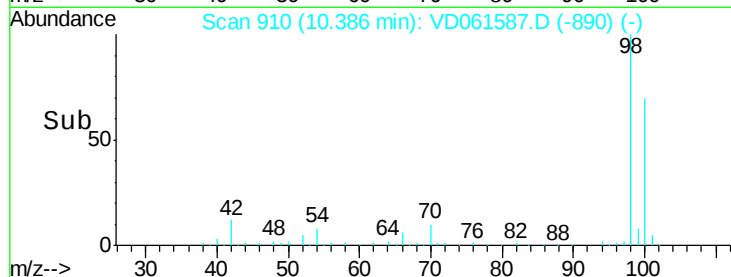
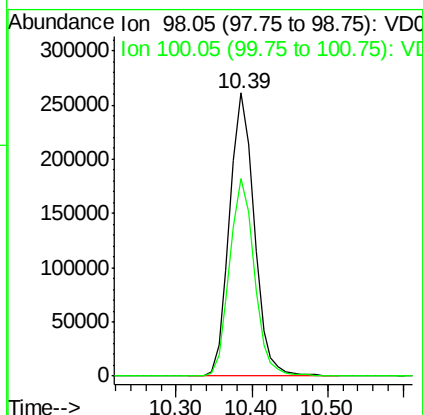
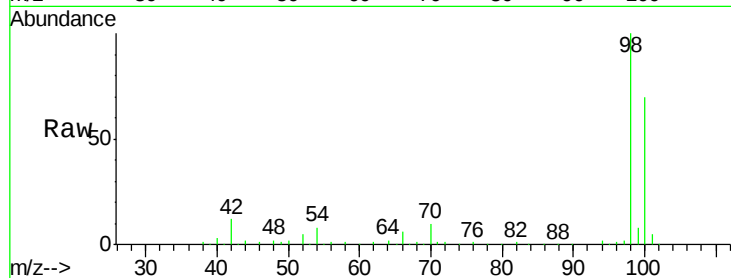




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 910
Delta R.T. 0.00 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

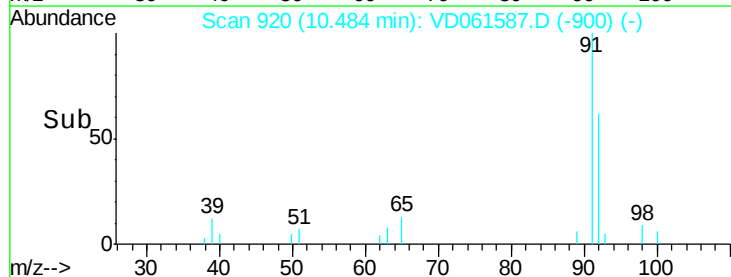
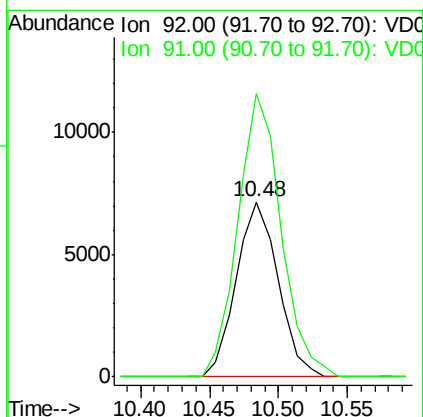
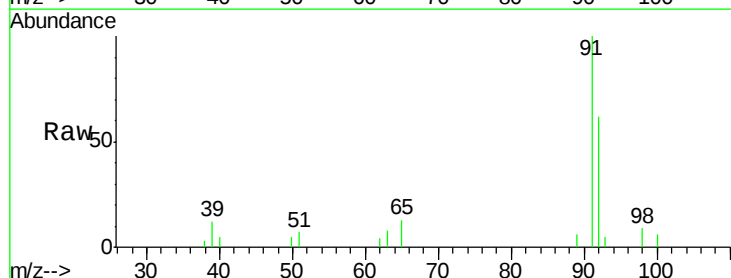
Instrument :
MSVOA_D
ClientSampleId :
TP-3-D2

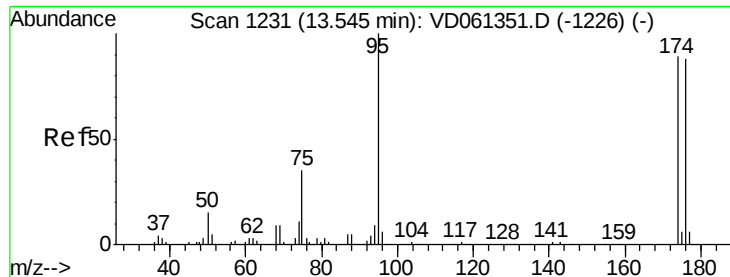
Tot Ion: 98 Resp: 590905
Ion Ratio Lower Upper
98 100
100 69.7 56.2 84.2



#52
Toluene
Concen: 1.377 ug/l
RT: 10.48 min Scan# 920
Delta R.T. 0.00 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

Tgt Ion: 92 Resp: 15173
Ion Ratio Lower Upper
92 100
91 161.7 133.3 199.9

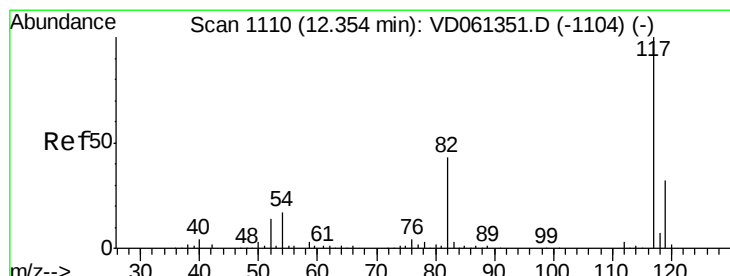
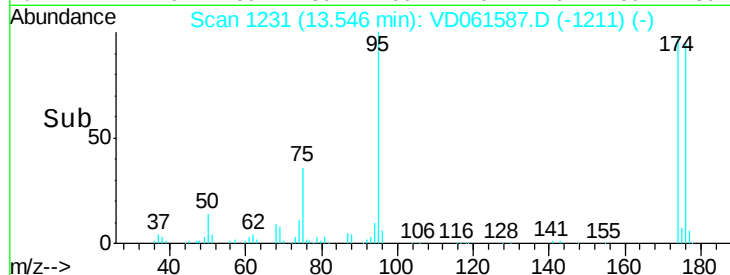
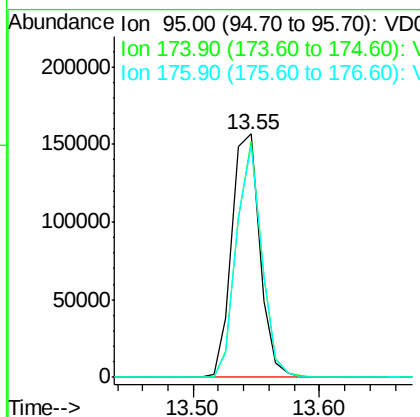
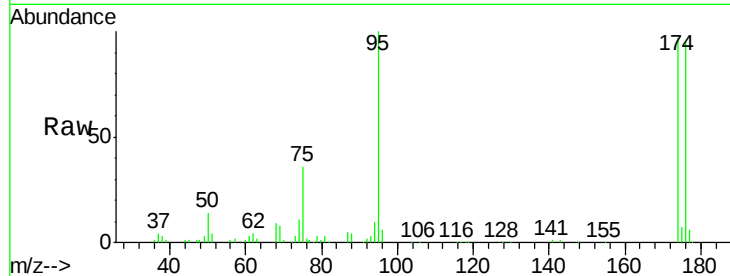




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

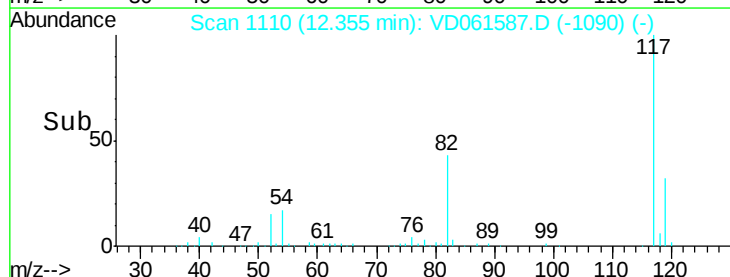
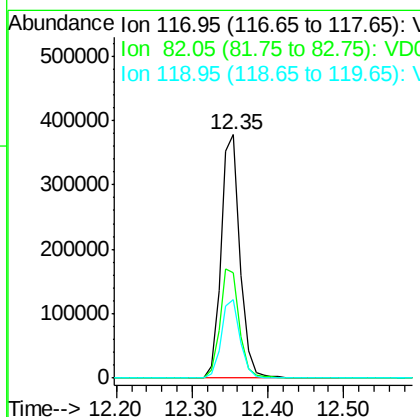
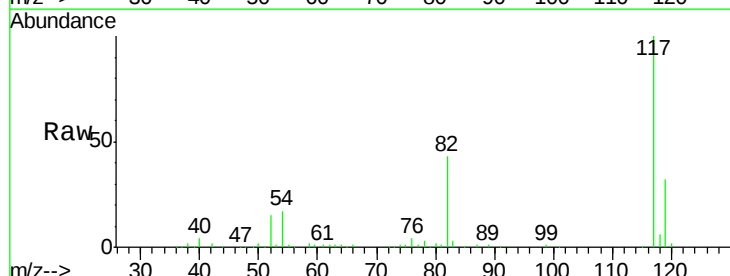
Instrument :
MSVOA_D
ClientSampleId :
TP-3-D2

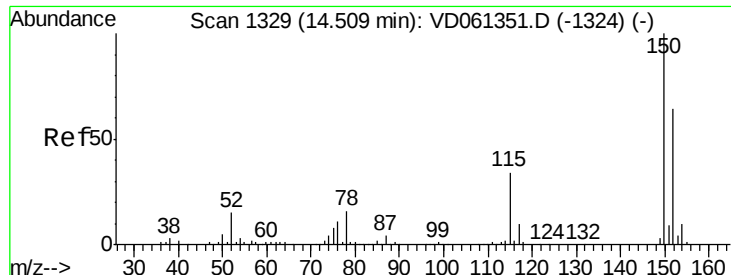
Tot Ion: 95 Resp: 240600
Ion Ratio Lower Upper
95 100
174 97.1 0.0 178.0
176 95.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061587.D
Acq: 4 Apr 2019 19:03

Tgt Ion: 117 Resp: 656937
Ion Ratio Lower Upper
117 100
82 43.4 34.4 51.6
119 32.4 25.8 38.6

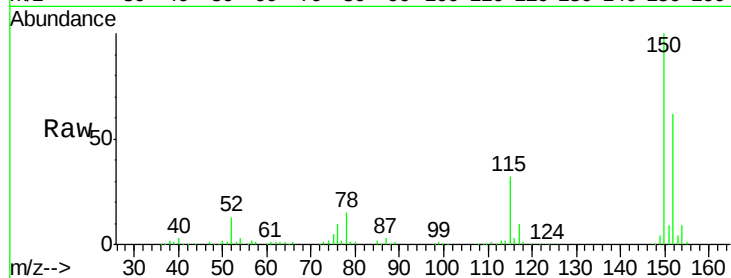




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VD061587.D
 Acq: 4 Apr 2019 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-D2

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.9	26.9	80.6
150	160.9	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

