

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061523.D
 Acq On : 2 Apr 2019 19:20
 Operator : VA/AP
 Sample : K2186-11RE
 Misc : 5.50u/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Quant Time: Apr 03 08:26:48 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

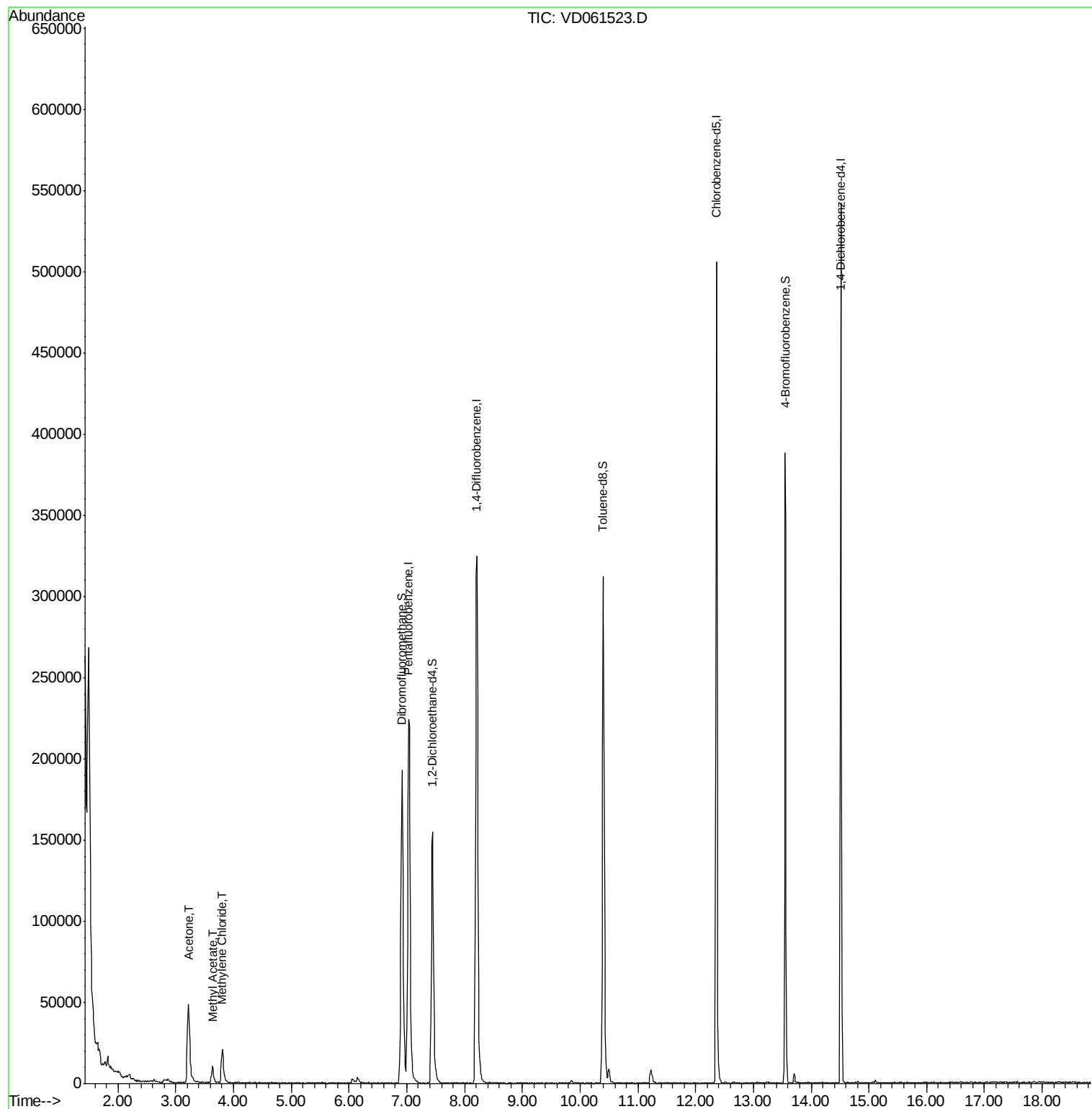
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	238795	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	428040	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	335033	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	118041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	152825	74.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	149.84%	
35) Dibromofluoromethane	6.91	113	187174	57.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	114.44%	
50) Toluene-d8	10.40	98	280855	35.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.60%	
62) 4-Bromofluorobenzene	13.55	95	131340	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
16) Acetone	3.21	43	102980	196.382	ug/l	98
18) Methyl Acetate	3.64	43	19914	18.062	ug/l	96
20) Methylene Chloride	3.80	84	17880	4.333	ug/l	98

(#) = 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. 0.02 min

Lab File: VD061523.D

Acq: 2 Apr 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

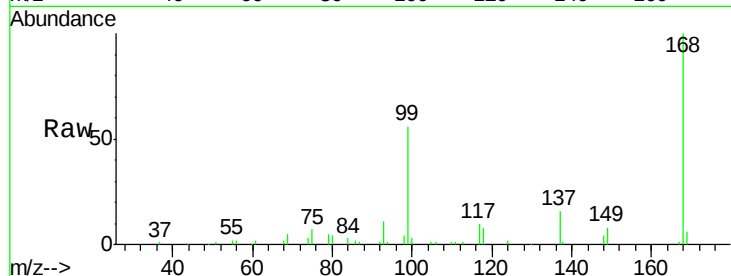
BELT-PARKWAY-STAGING-YARD-1

Tot Ion:168 Resp: 238795

Ion Ratio Lower Upper

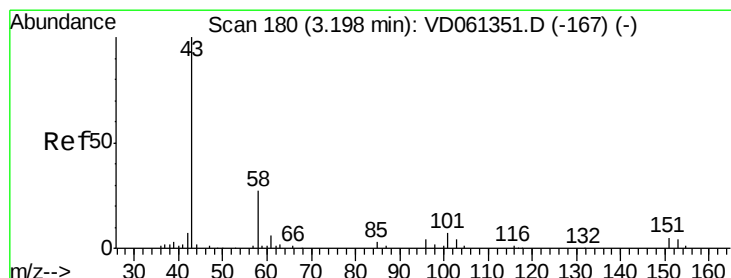
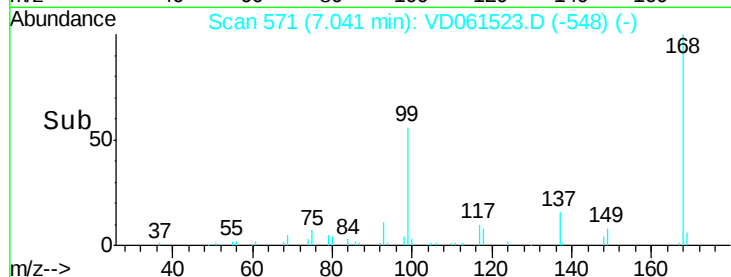
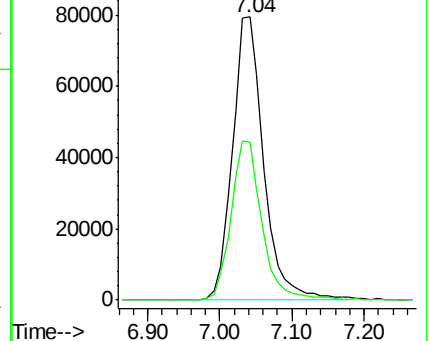
168 100

99 55.8 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: 196.382 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061523.D

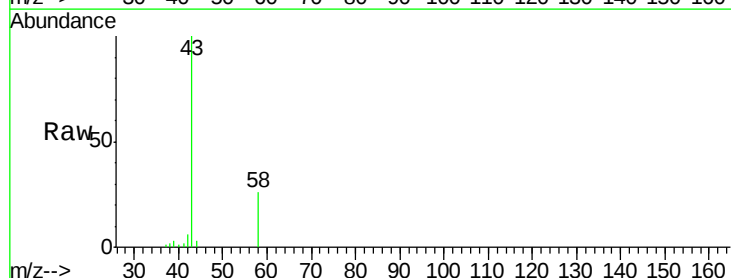
Acq: 2 Apr 2019 19:20

Tgt Ion: 43 Resp: 102980

Ion Ratio Lower Upper

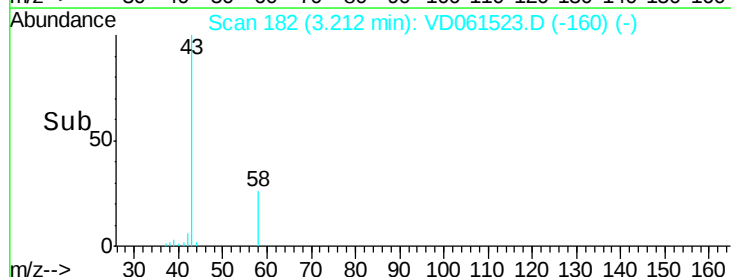
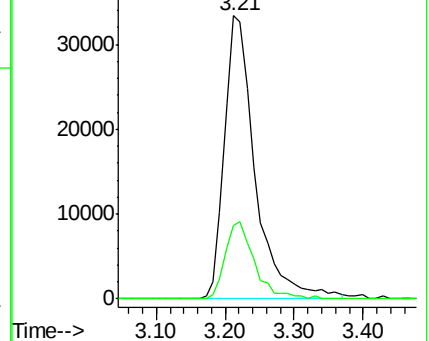
43 100

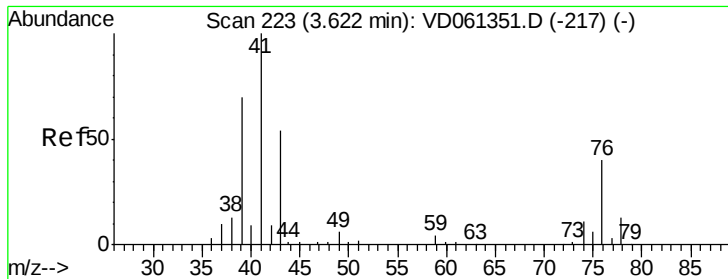
58 25.8 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

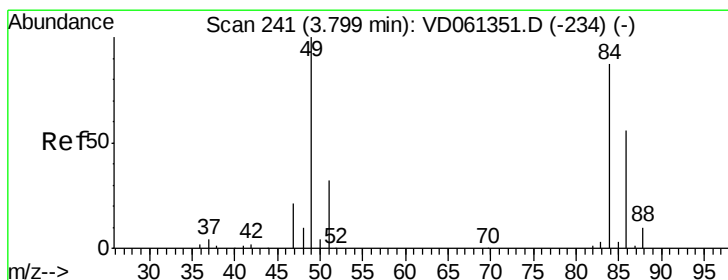
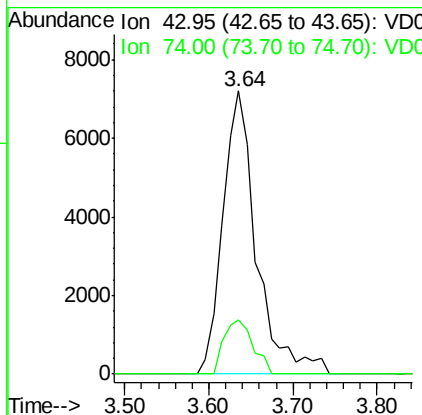
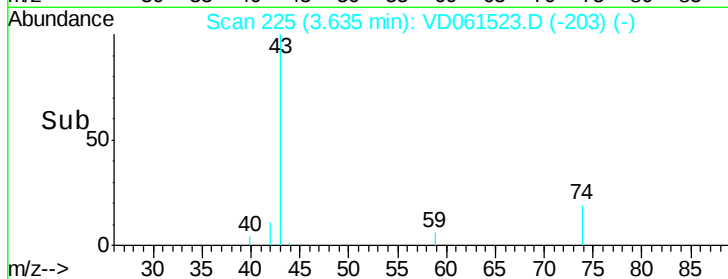
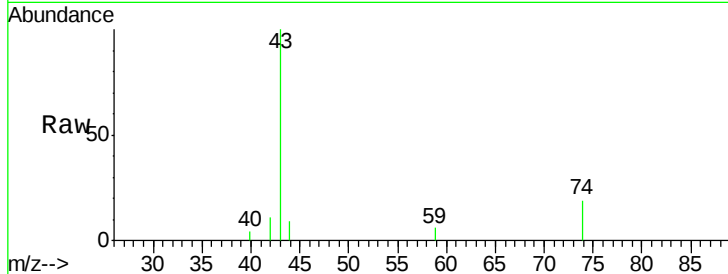




#18
Methyl Acetate
Concen: 18.062 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061523.D
Acq: 2 Apr 2019 19:20

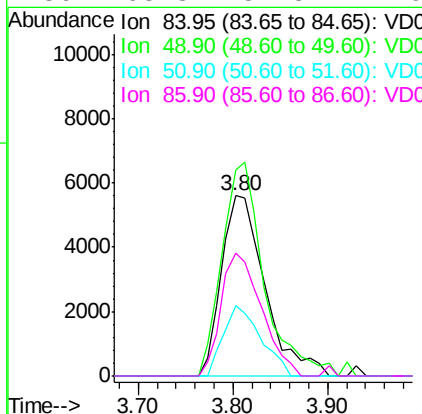
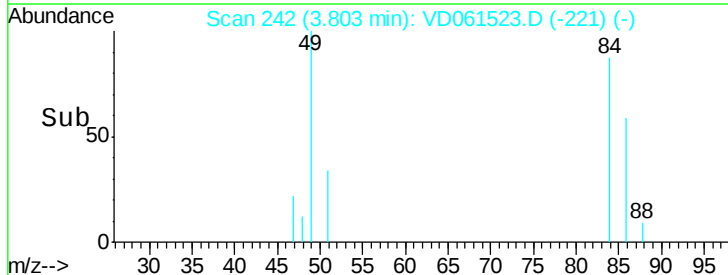
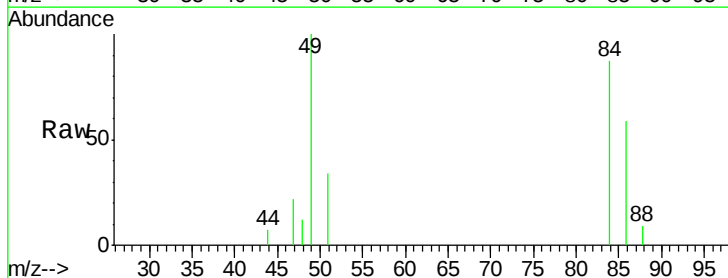
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

Tot Ion: 43 Resp: 19914
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1



#20
Methylene Chloride
Concen: 4.333 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD061523.D
Acq: 2 Apr 2019 19:20

Tgt Ion: 84 Resp: 17880
Ion Ratio Lower Upper
84 100
49 114.9 91.8 137.8
51 39.0 29.8 44.8
86 68.3 51.8 77.6

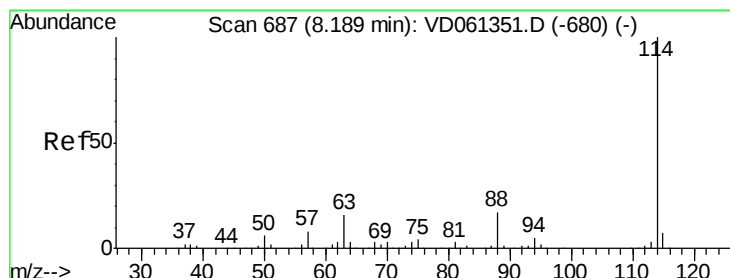
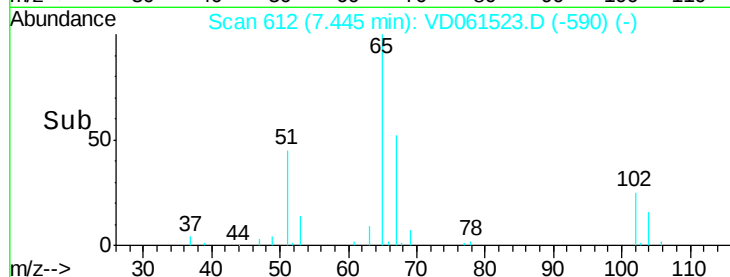
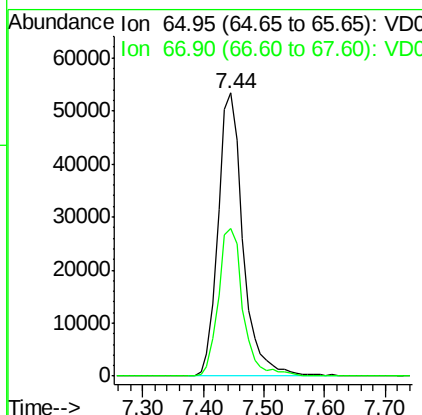
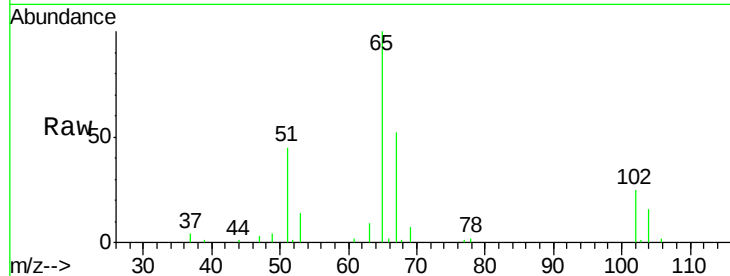




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061523.D
 Acq: 2 Apr 2019 19:20

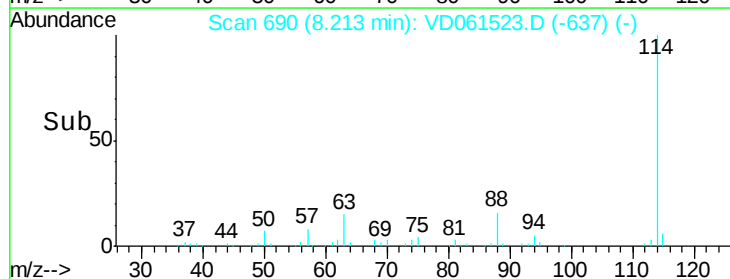
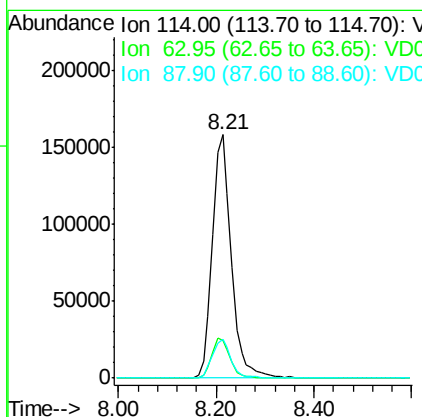
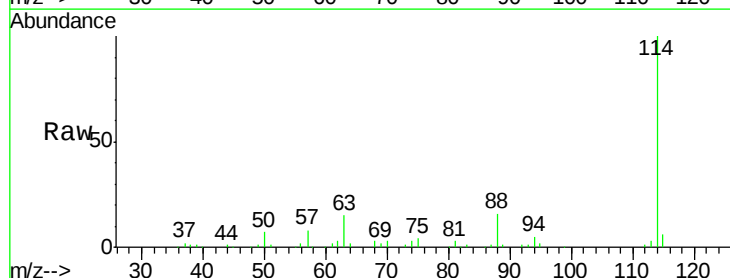
Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tot Ion: 65 Resp: 152825
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061523.D
 Acq: 2 Apr 2019 19:20

Tgt Ion: 114 Resp: 428040
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.6
 88 16.2 0.0 33.4

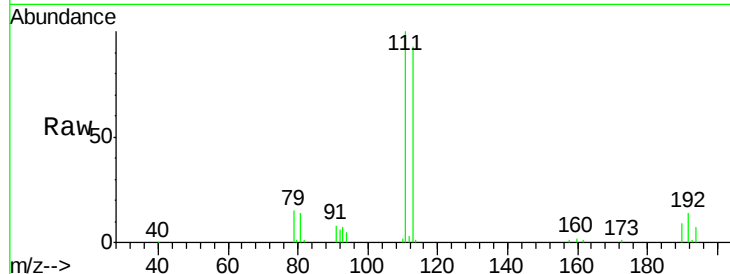




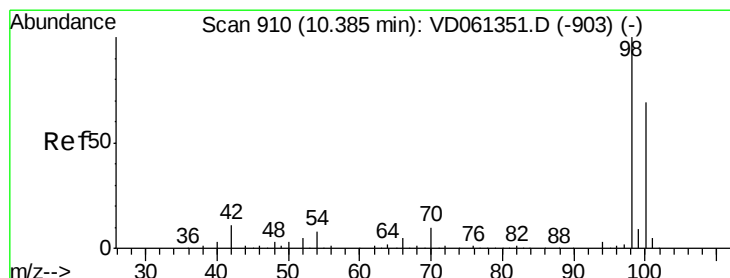
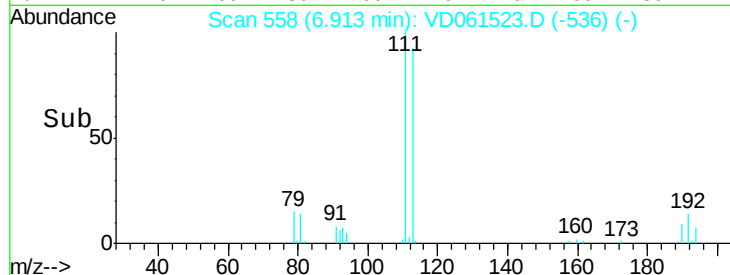
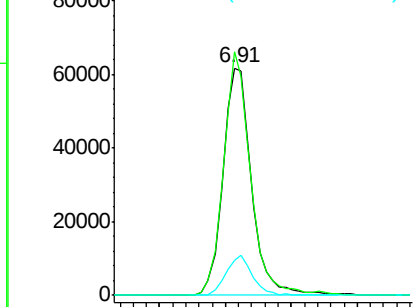
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061523.D
 Acq: 2 Apr 2019 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tot Ion:113 Resp: 187174
 Ion Ratio Lower Upper
 113 100
 111 107.2 81.0 121.6
 192 15.5 14.4 21.6

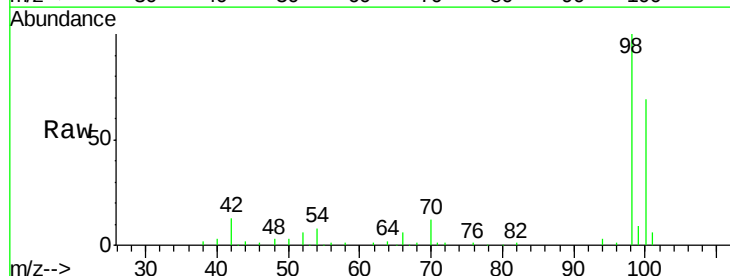


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

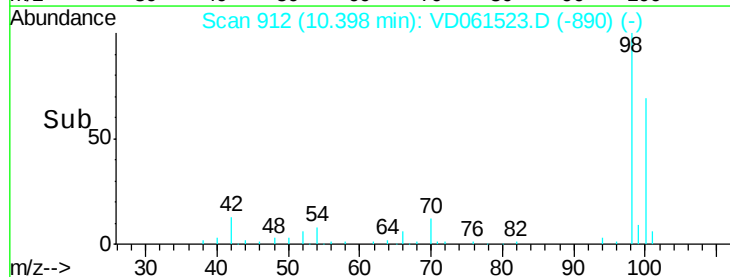
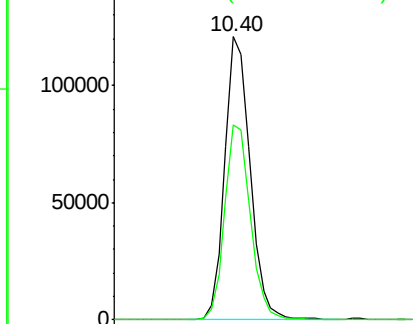


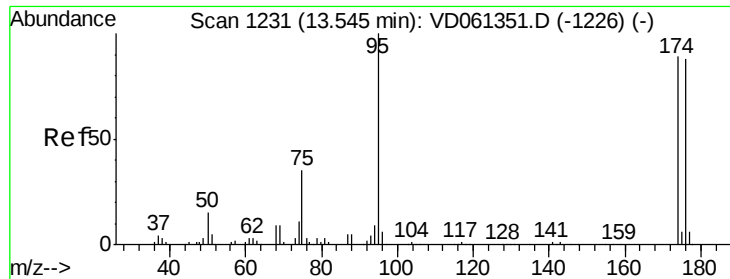
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VD061523.D
 Acq: 2 Apr 2019 19:20

Tgt Ion: 98 Resp: 280855
 Ion Ratio Lower Upper
 98 100
 100 68.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

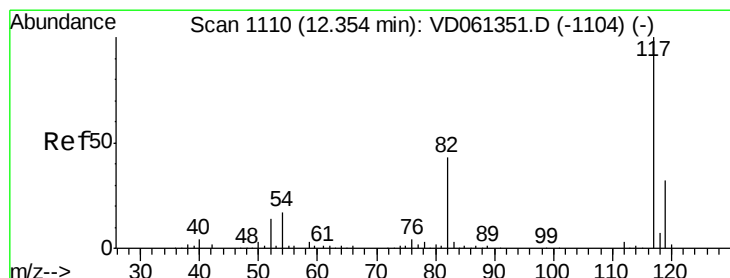
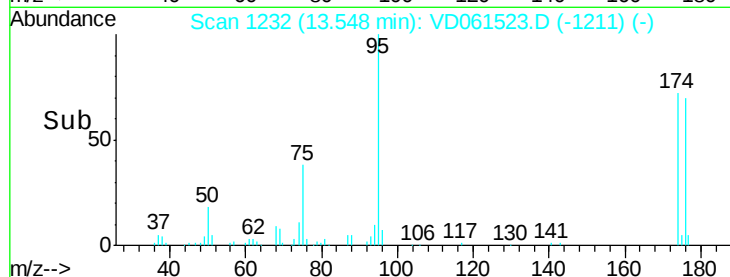
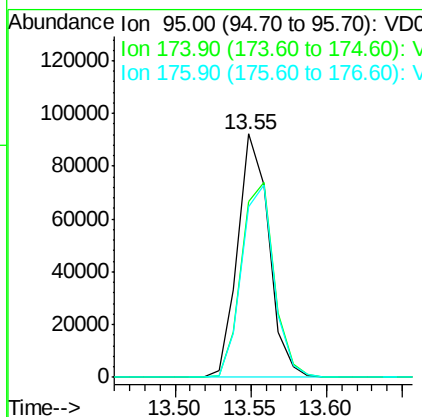
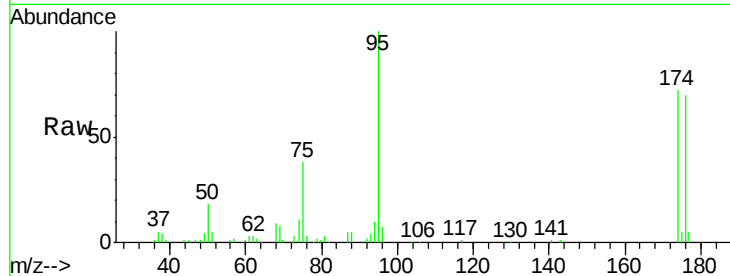




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061523.D
Acq: 2 Apr 2019 19:20

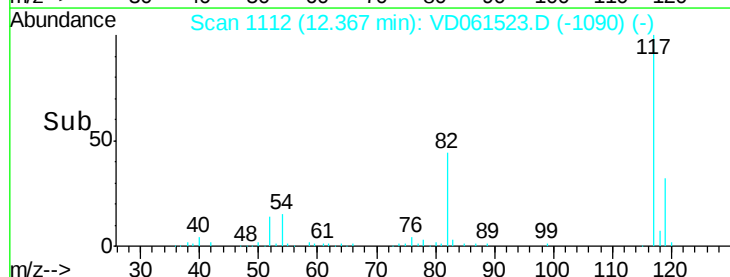
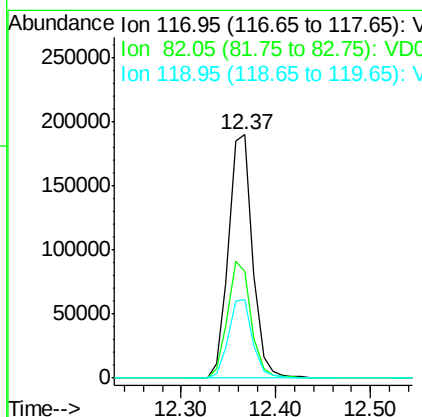
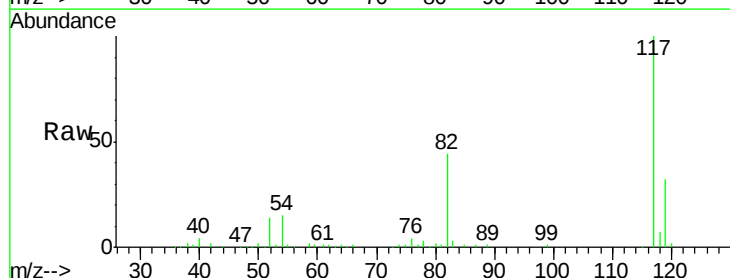
Instrument :
MSVOA_D
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-1

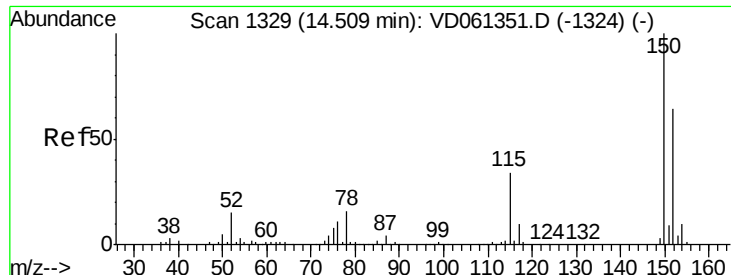
Tot Ion: 95 Resp: 131340
Ion Ratio Lower Upper
95 100
174 72.2 0.0 178.0
176 70.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061523.D
Acq: 2 Apr 2019 19:20

Tgt Ion: 117 Resp: 335033
Ion Ratio Lower Upper
117 100
82 43.8 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# 1330
 Delta R.T. 0.00 min
 Lab File: VD061523.D
 Acq: 2 Apr 2019 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-1

Tot Ion:152 Resp: 118041
 Ion Ratio Lower Upper
 152 100
 115 59.4 26.9 80.6
 150 157.0 0.0 318.0

