

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061901.D
 Acq On : 19 Apr 2019 7:23
 Operator : VA/AP
 Sample : K2441-02
 Misc : 6.34g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18-S2

Quant Time: Apr 19 08:12:53 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

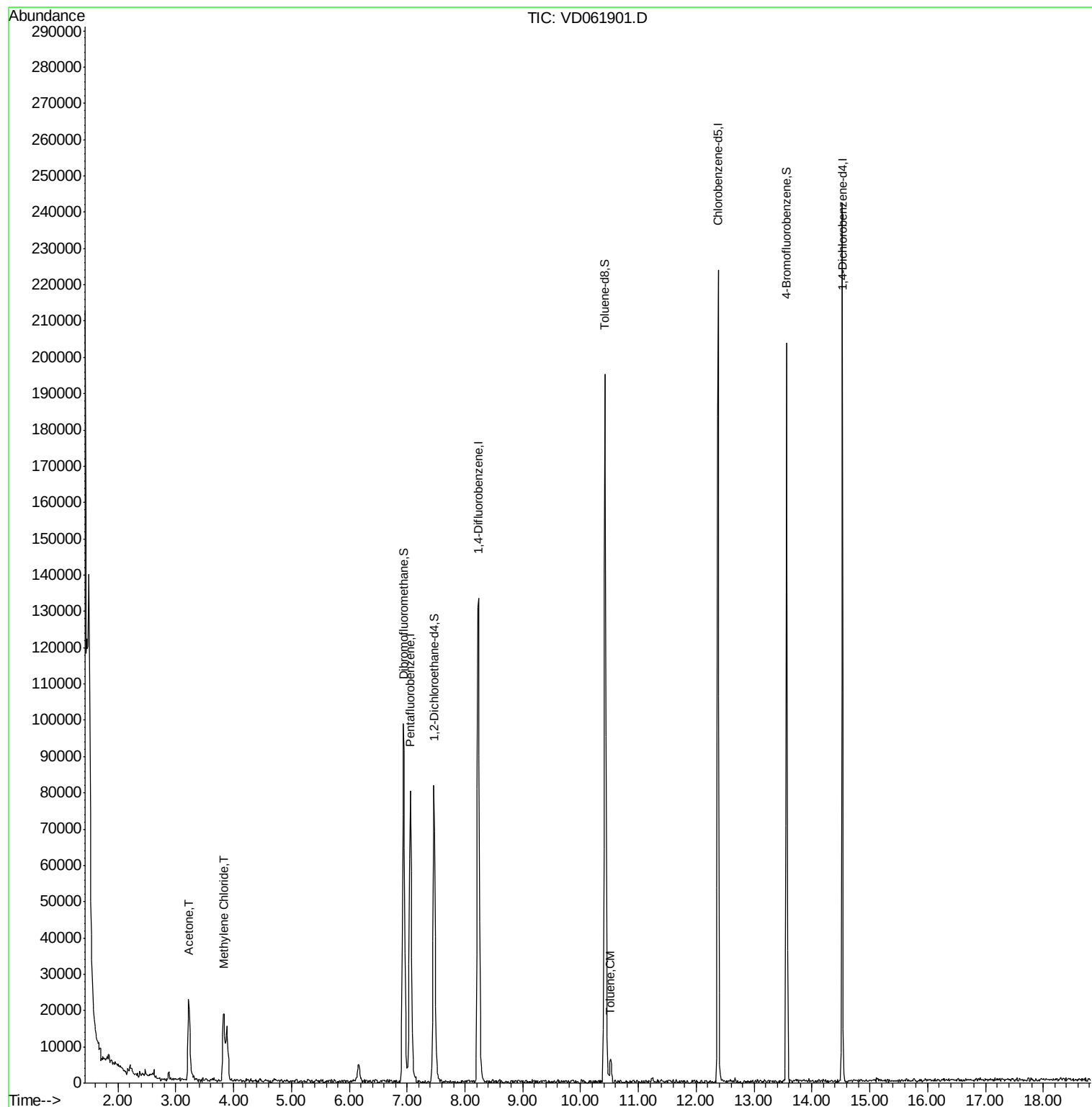
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	85886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	162803	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	136381	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	53432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	82677	114.86	ug/l	0.01
Spiked Amount 50.000			Recovery	=	229.72%	
35) Dibromofluoromethane	6.93	113	92548	75.24	ug/l	0.01
Spiked Amount 50.000			Recovery	=	150.48%	
50) Toluene-d8	10.42	98	173212	59.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.86%	
62) 4-Bromofluorobenzene	13.56	95	64839	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
Target Compounds						
16) Acetone	3.22	43	44030	248.189	ug/l	99
20) Methylene Chloride	3.82	84	13512	11.820	ug/l	94
52) Toluene	10.53	92	4676	2.285	ug/l #	64

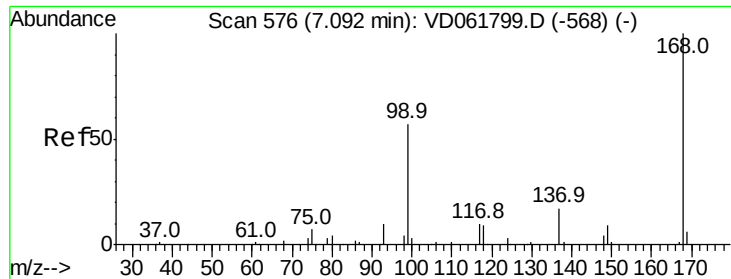
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061901.D

Acq: 19 Apr 2019 7:23

Instrument :

MSVOA_D

ClientSampleId :

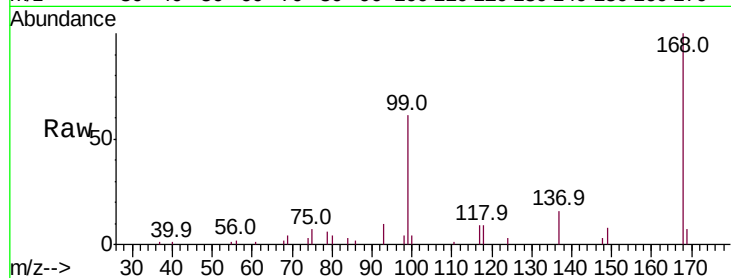
TP-18-S2

Tot Ion:168 Resp: 85886

Ion Ratio Lower Upper

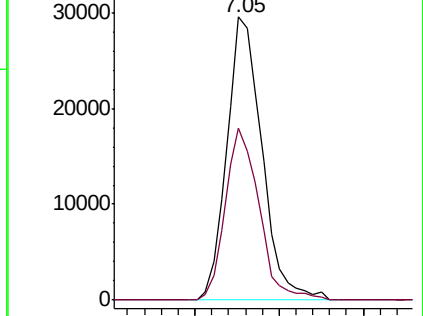
168 100

99 60.8 46.5 69.7

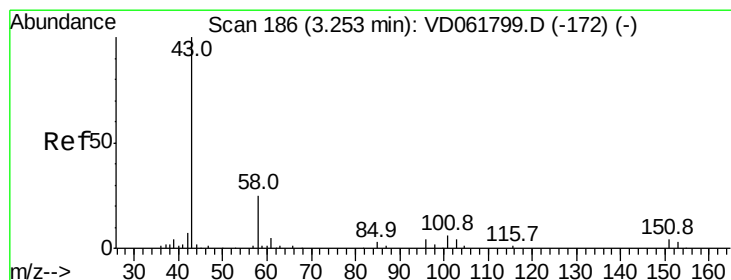
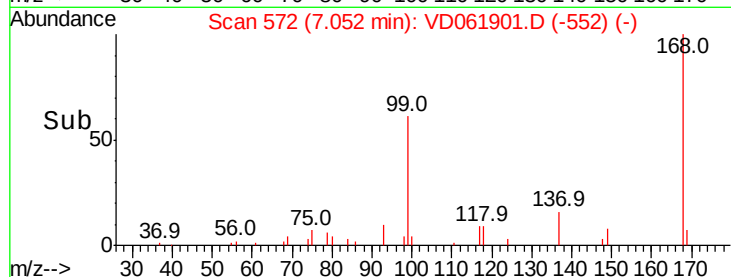


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



Time-->



#16

Acetone

Concen: 248.189 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061901.D

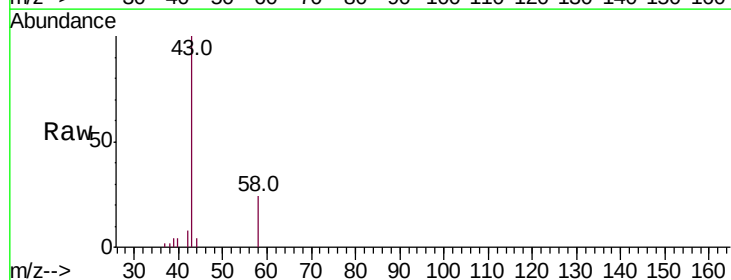
Acq: 19 Apr 2019 7:23

Tgt Ion: 43 Resp: 44030

Ion Ratio Lower Upper

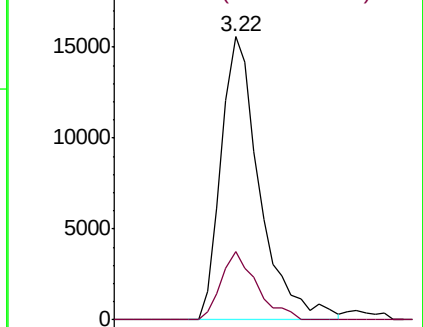
43 100

58 24.2 19.9 29.9

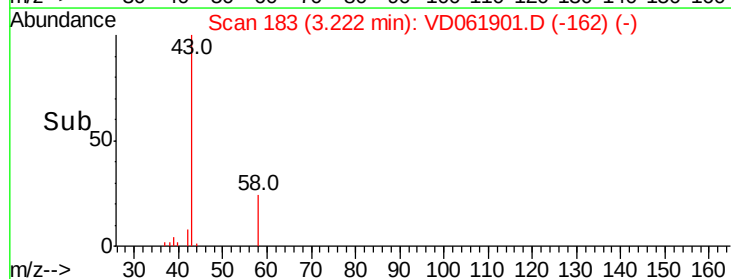


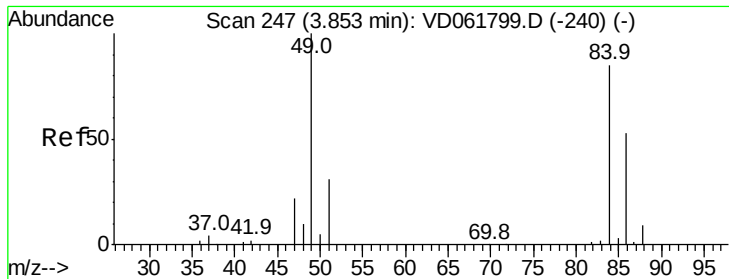
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

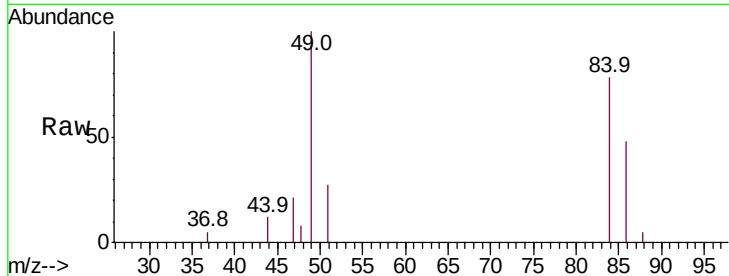




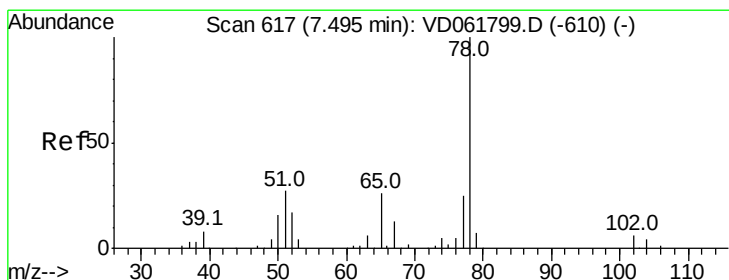
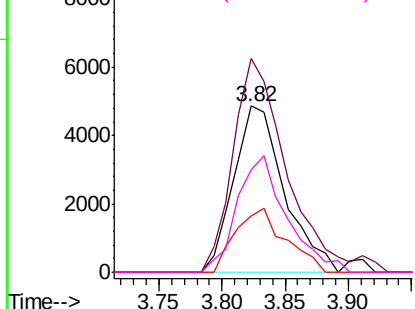
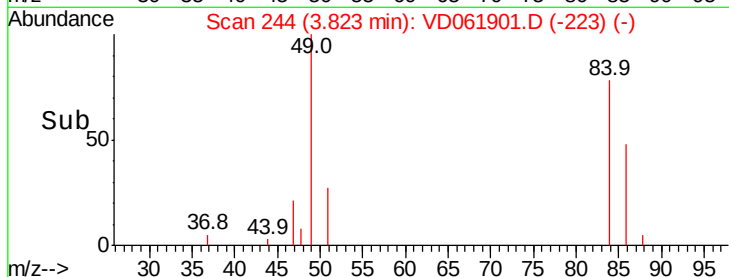
#20
Methylene Chloride
Concen: 11.820 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tot Ion: 84 Resp: 13512
Ion Ratio Lower Upper
84 100
49 128.8 94.0 141.0
51 34.3 29.0 43.4
86 61.9 49.8 74.6

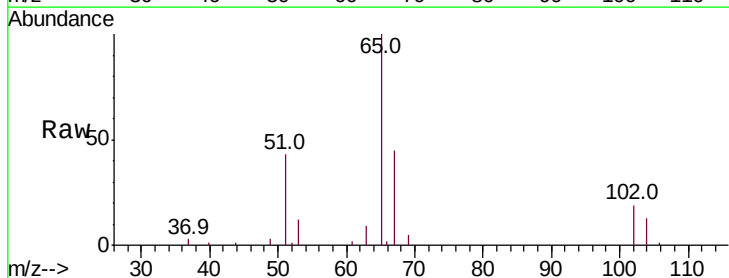


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

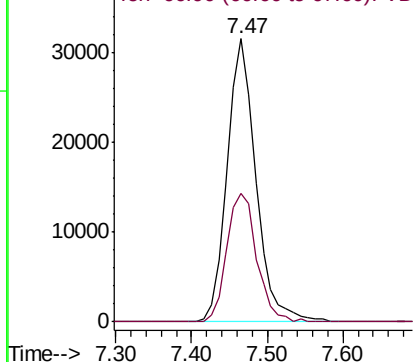
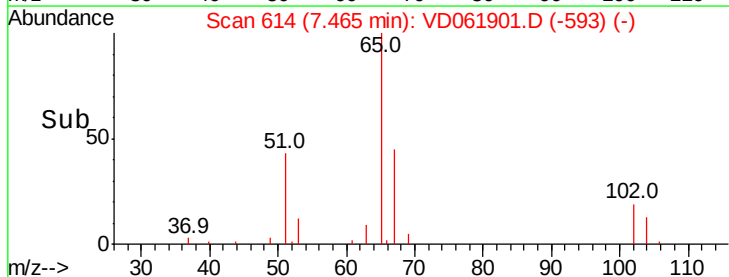


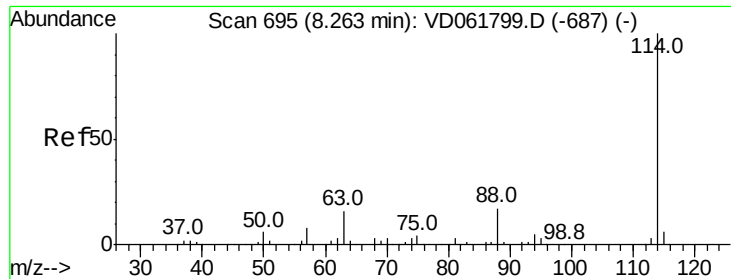
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Tgt Ion: 65 Resp: 82677
Ion Ratio Lower Upper
65 100
67 45.2 0.0 98.0



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

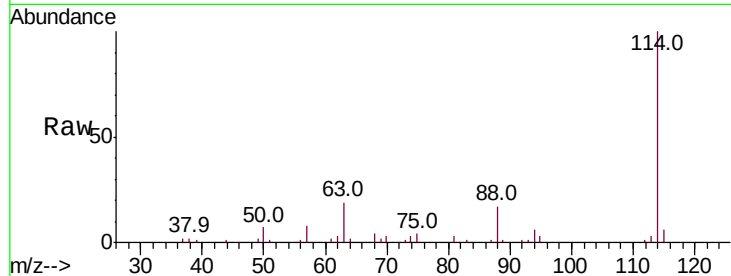




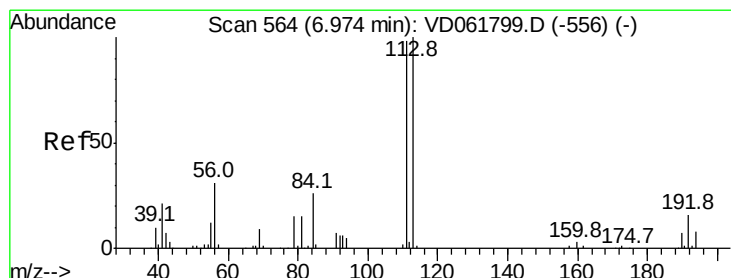
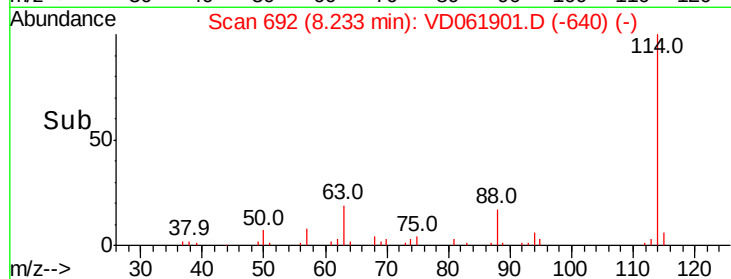
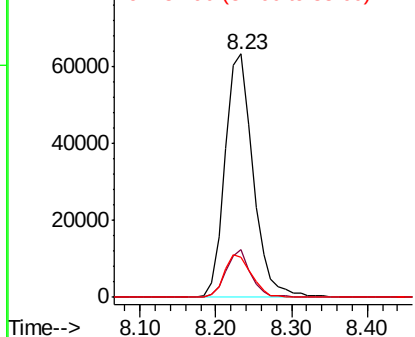
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD061901.D
 Acq: 19 Apr 2019 7:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18-S2

Tot Ion:114 Resp: 162803
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 32.4
 88 16.6 0.0 33.6

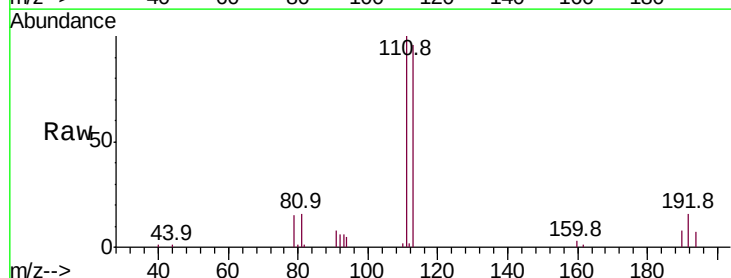


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

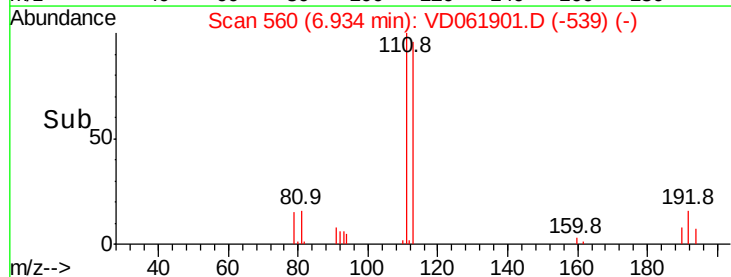
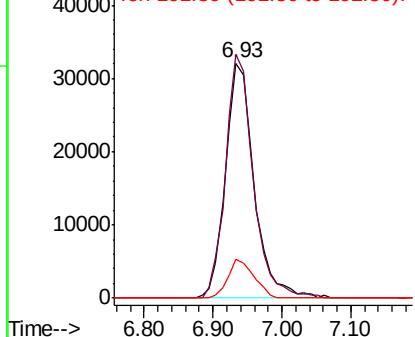


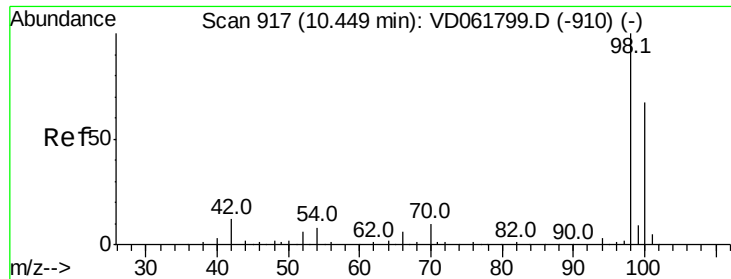
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061901.D
 Acq: 19 Apr 2019 7:23

Tgt Ion:113 Resp: 92548
 Ion Ratio Lower Upper
 113 100
 111 103.6 78.5 117.7
 192 16.4 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

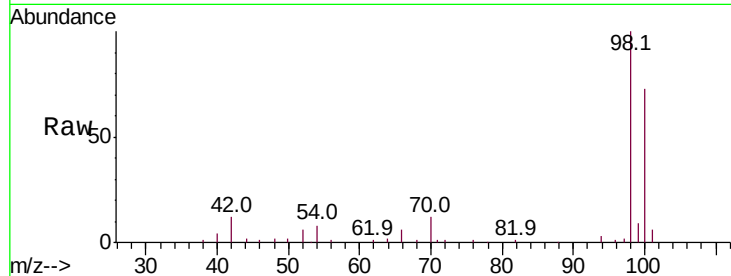




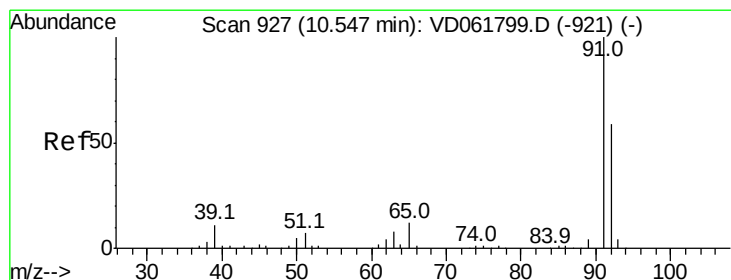
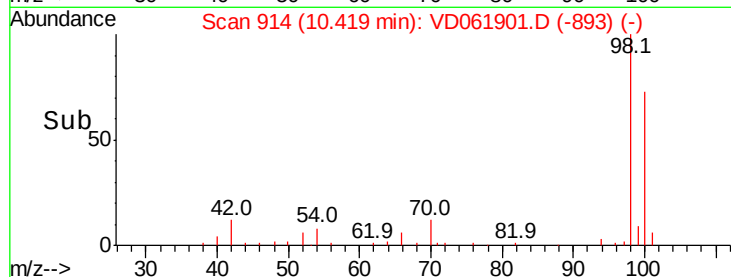
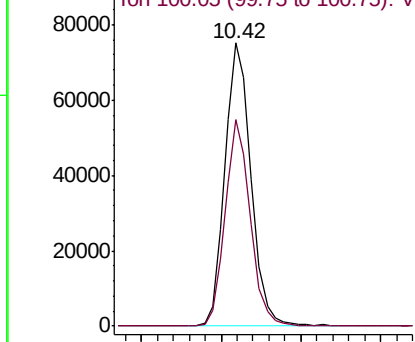
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tot Ion: 98 Resp: 173212
Ion Ratio Lower Upper
98 100
100 73.1 53.8 80.8

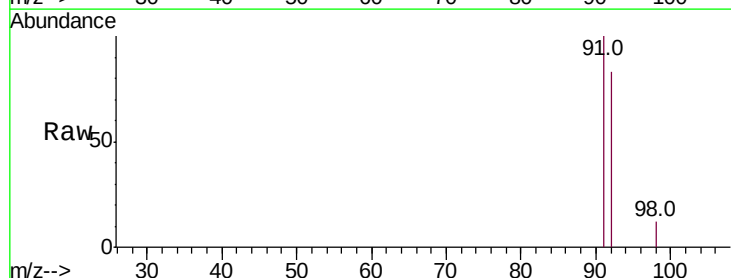


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

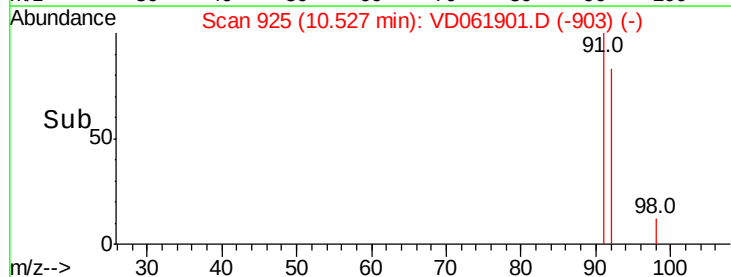
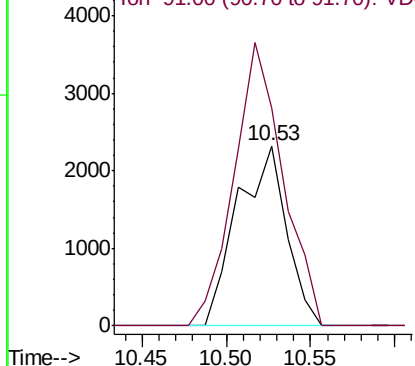


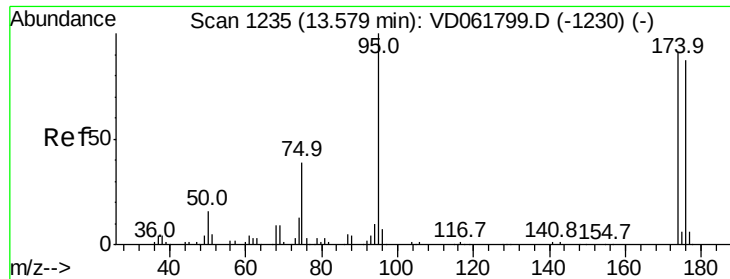
#52
Toluene
Concen: 2.285 ug/l
RT: 10.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Tgt Ion: 92 Resp: 4676
Ion Ratio Lower Upper
92 100
91 120.7 136.6 204.8#



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

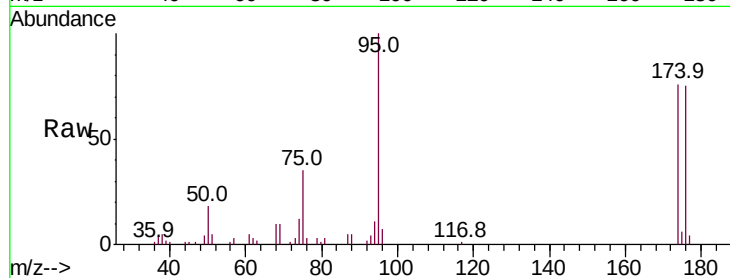




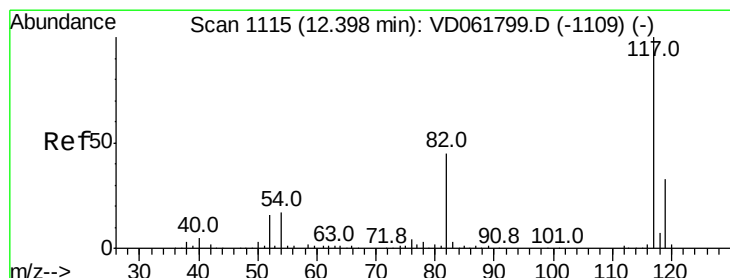
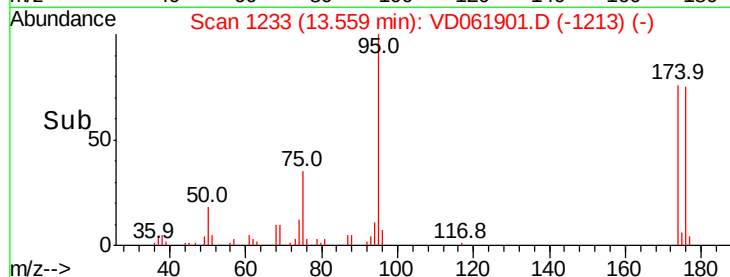
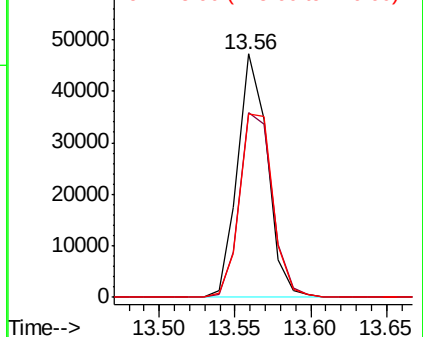
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
TP-18-S2

Tot Ion: 95 Resp: 64839
Ion Ratio Lower Upper
95 100
174 75.8 0.0 181.8
176 75.2 0.0 174.4

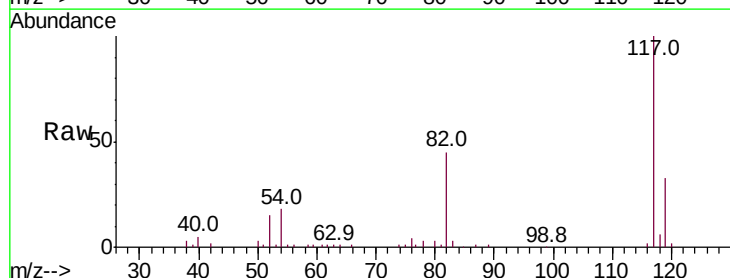


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

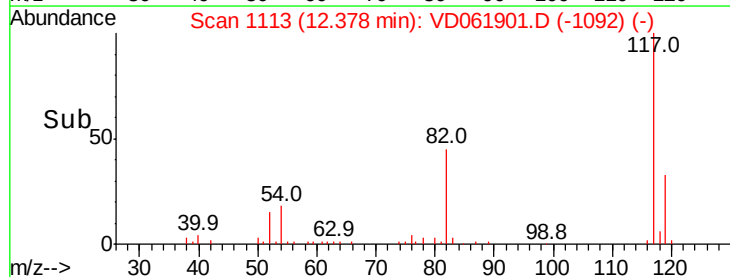
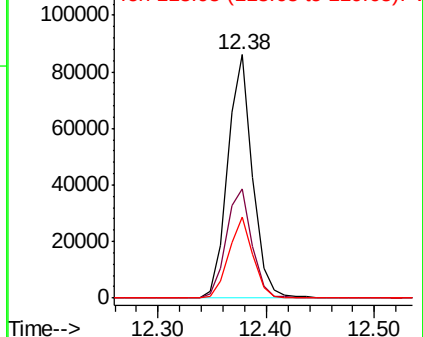


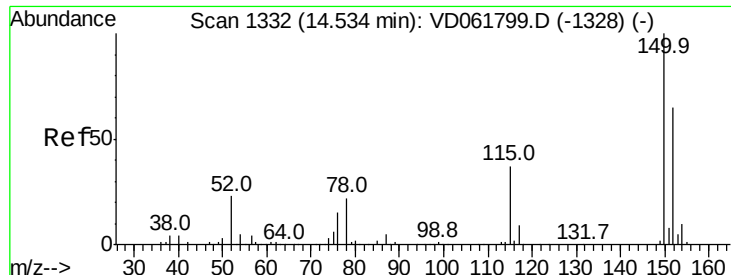
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061901.D
Acq: 19 Apr 2019 7:23

Tgt Ion: 117 Resp: 136381
Ion Ratio Lower Upper
117 100
82 45.0 36.2 54.2
119 33.3 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: VD061901.D
 Acq: 19 Apr 2019 7:23

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-18-S2

Tot Ion:152 Resp: 53432
 Ion Ratio Lower Upper
 152 100
 115 58.2 30.9 92.7
 150 154.7 0.0 314.8

