

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061448.D
 Acq On : 31 Mar 2019 15:51
 Operator : VA/AP
 Sample : K1697-15
 Misc : 5.94g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032719-B

Quant Time: Apr 01 07:40:14 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

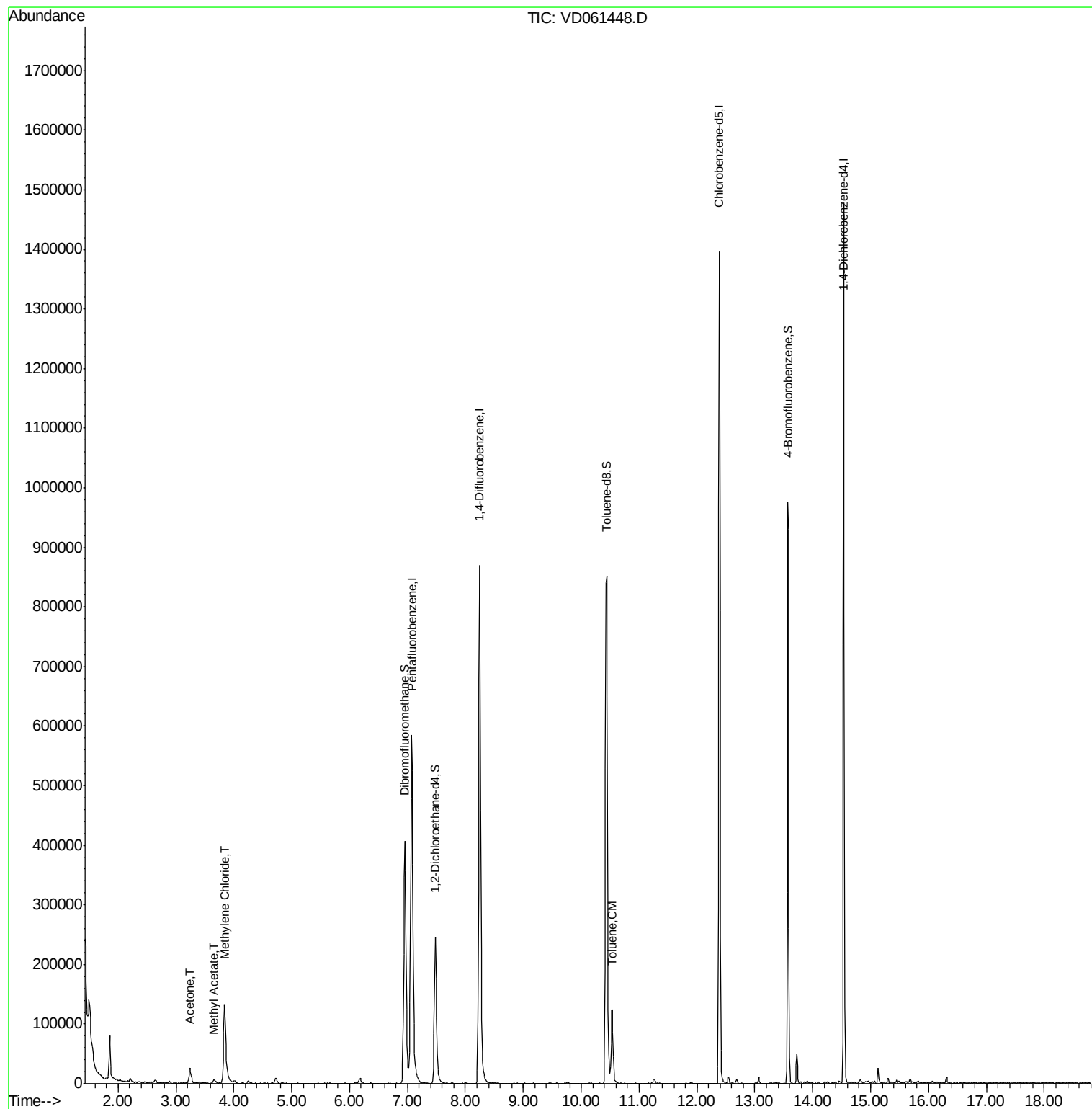
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	616471	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.25	114	1086274	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.39	117	858069	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	348127	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	244193	46.37	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.74%	
35) Dibromofluoromethane	6.95	113	392145	47.24	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.48%	
50) Toluene-d8	10.44	98	840507	42.22	ug/l	0.05
Spiked Amount 50.000			Recovery	=	84.44%	
62) 4-Bromofluorobenzene	13.57	95	336570	44.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
16) Acetone	3.24	43	51725	38.209	ug/l	93
18) Methyl Acetate	3.67	43	12153	4.270	ug/l	94
20) Methylene Chloride	3.84	84	105978	12.536	ug/l	99
52) Toluene	10.54	92	72792	5.015	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061448.D

Acq: 31 Mar 2019 15:51

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MSVOA_D

ClientSampleId :

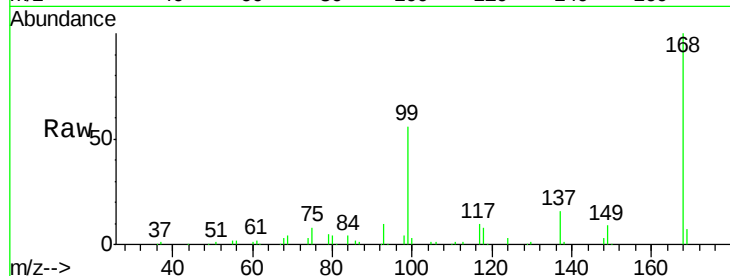
SU-02-032719-B

Tgt Ion:168 Resp: 616471

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

7.07

250000

200000

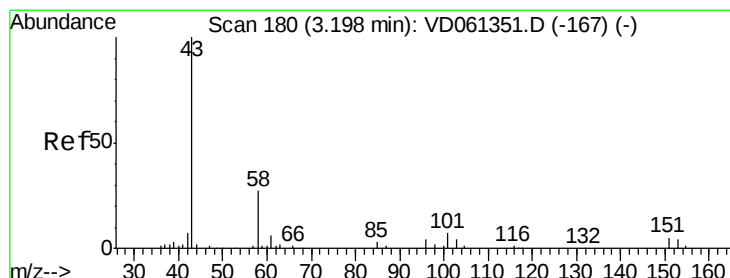
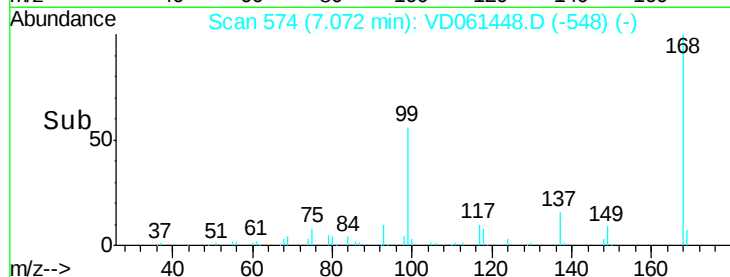
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 38.209 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.04 min

Lab File: VD061448.D

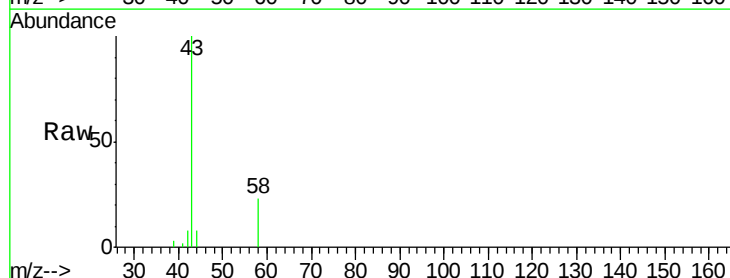
Acq: 31 Mar 2019 15:51

Tgt Ion: 43 Resp: 51725

Ion Ratio Lower Upper

43 100

58 23.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

20000

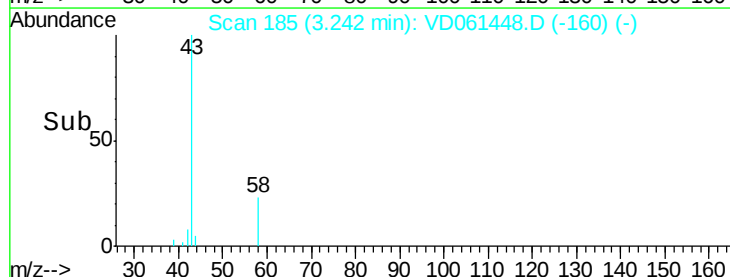
15000

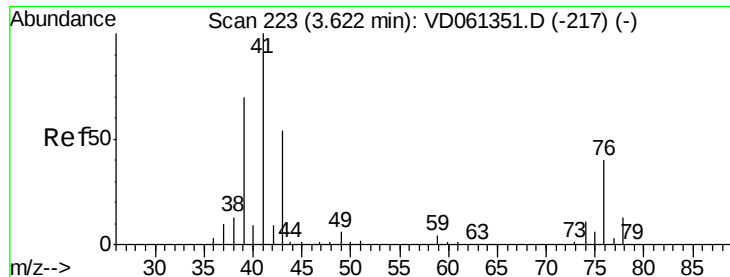
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

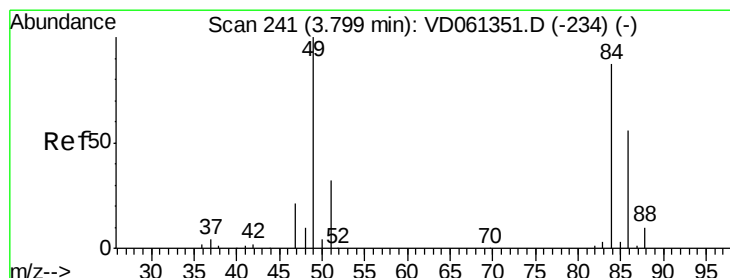
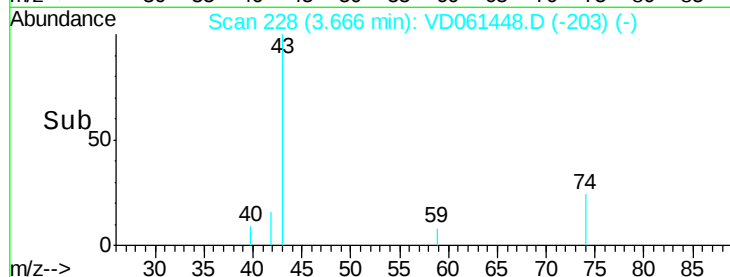
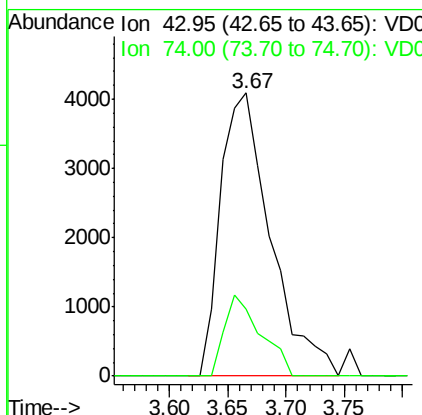
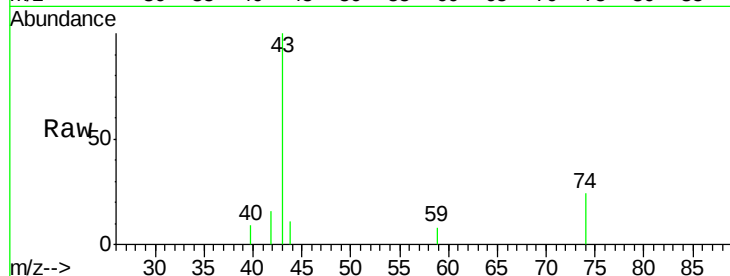




#18
Methyl Acetate
Concen: 4.270 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.04 min
Lab File: VD061448.D
Acq: 31 Mar 2019 15:51

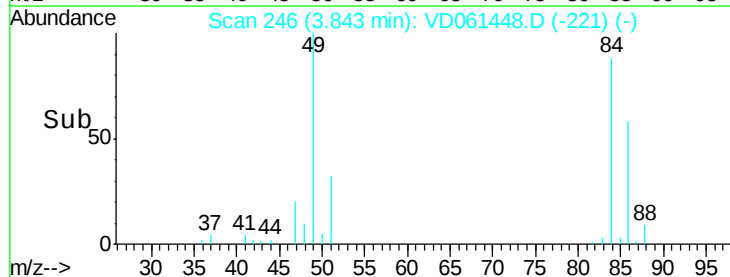
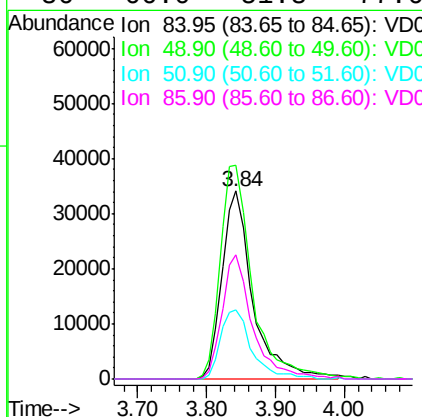
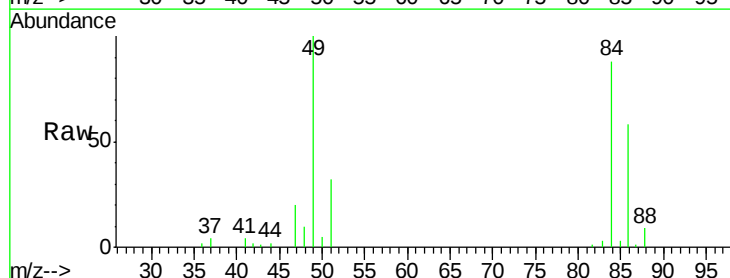
Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion: 43 Resp: 12153
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1



#20
Methylene Chloride
Concen: 12.536 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061448.D
Acq: 31 Mar 2019 15:51

Tgt Ion: 84 Resp: 105978
Ion Ratio Lower Upper
84 100
49 113.8 91.8 137.8
51 36.5 29.8 44.8
86 66.0 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.05 min

Lab File: VD061448.D

Acq: 31 Mar 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

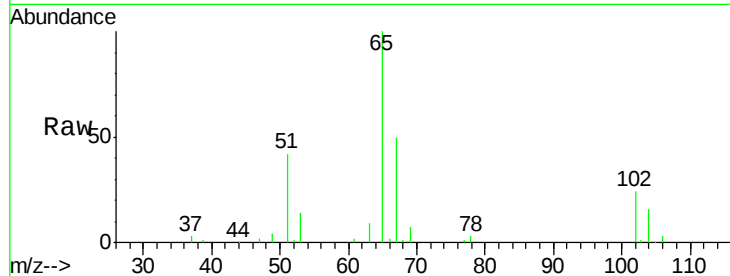
SU-02-032719-B

Tgt Ion: 65 Resp: 244193

Ion Ratio Lower Upper

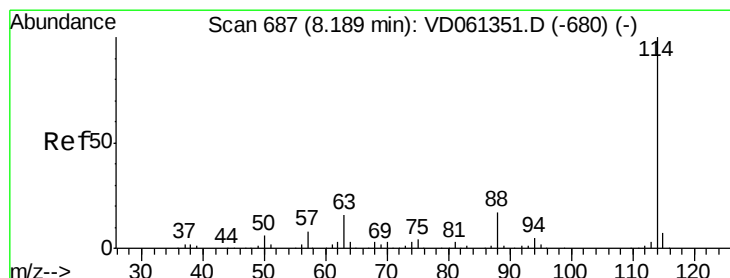
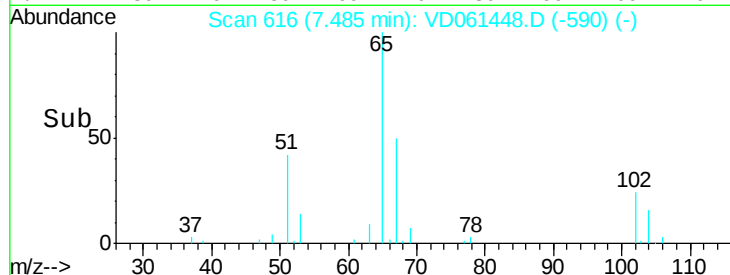
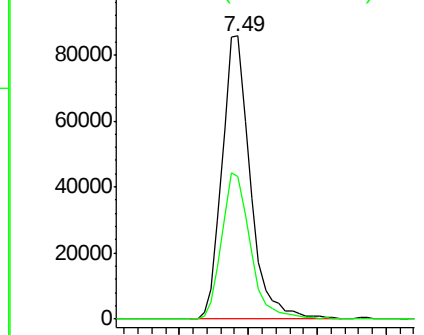
65 100

67 50.3 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: 8.25 min Scan# 694

Delta R.T. 0.06 min

Lab File: VD061448.D

Acq: 31 Mar 2019 15:51

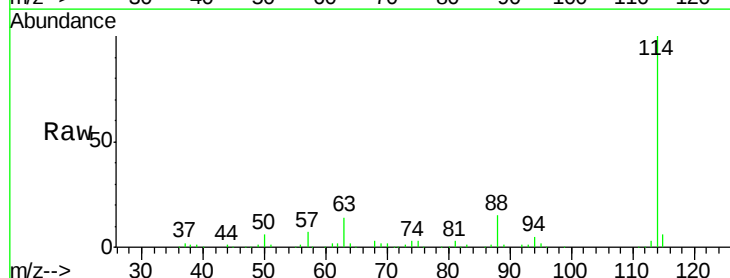
Tgt Ion: 114 Resp: 1086274

Ion Ratio Lower Upper

114 100

63 14.3 0.0 31.6

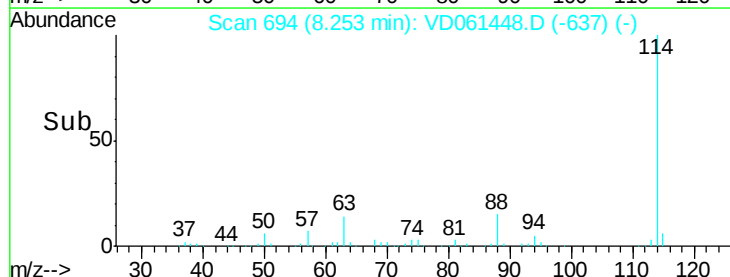
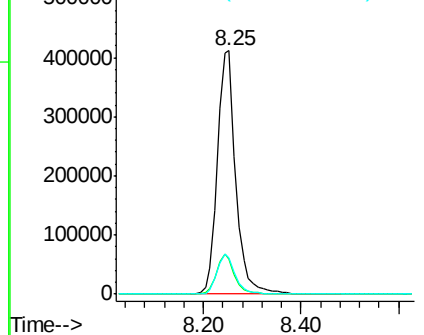
88 15.0 0.0 33.4

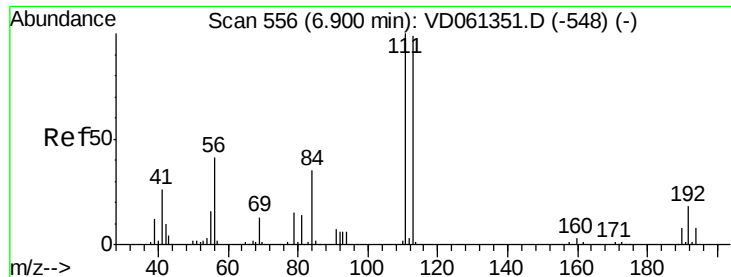


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

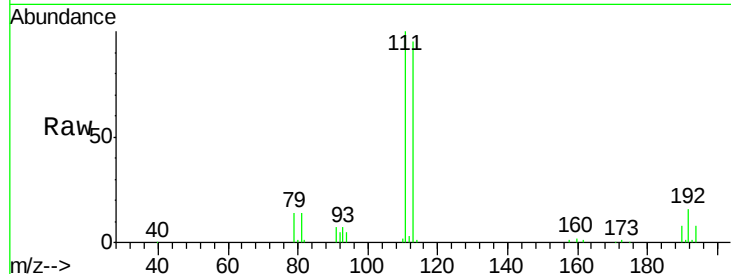




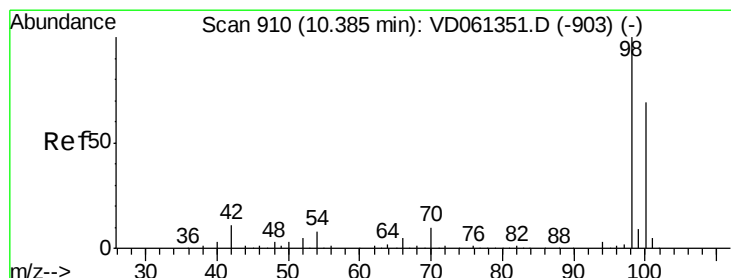
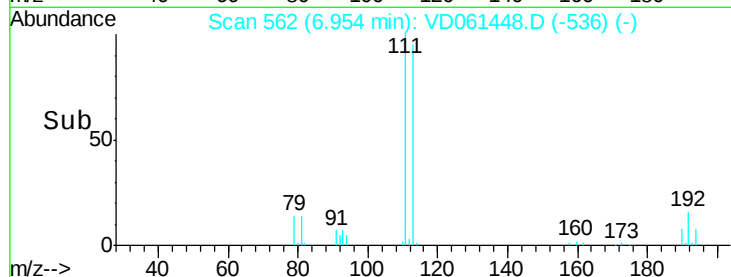
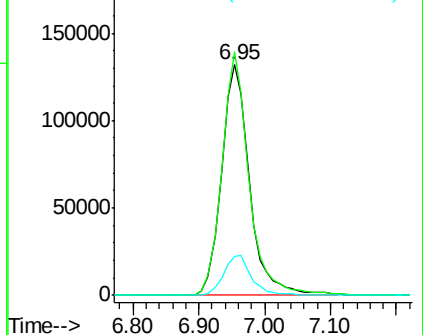
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.05 min
 Lab File: VD061448.D
 Acq: 31 Mar 2019 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-032719-B

Tgt Ion:113 Resp: 392145
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.0 121.6
 192 16.8 14.4 21.6

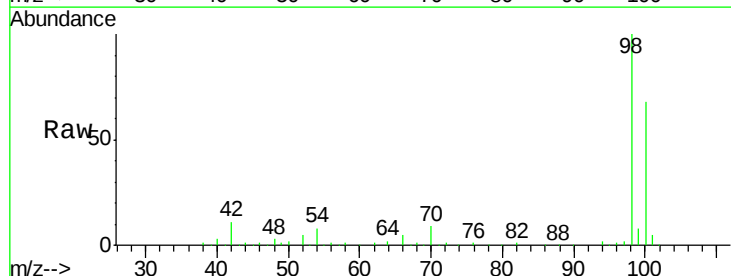


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

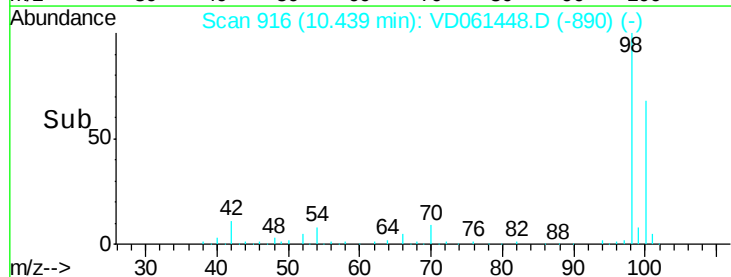
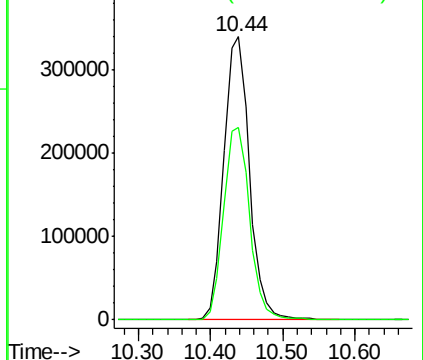


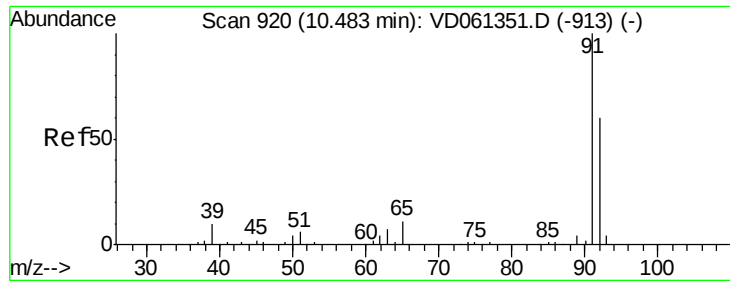
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.44 min Scan# 916
 Delta R.T. 0.05 min
 Lab File: VD061448.D
 Acq: 31 Mar 2019 15:51

Tgt Ion: 98 Resp: 840507
 Ion Ratio Lower Upper
 98 100
 100 68.1 56.2 84.2



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





#52

Toluene

Concen: 5.015 ug/l

RT: 10.54 min Scan# 926

Delta R.T. 0.05 min

Lab File: VD061448.D

Acq: 31 Mar 2019 15:51

Instrument :

MSVOA_D

ClientSampleId :

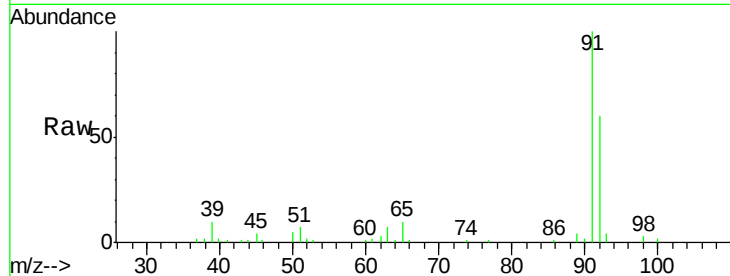
SU-02-032719-B

Tgt Ion: 92 Resp: 72792

Ion Ratio Lower Upper

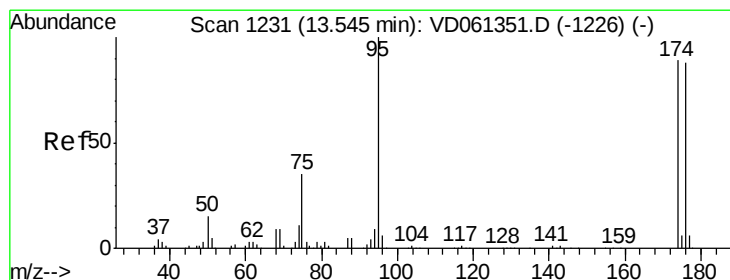
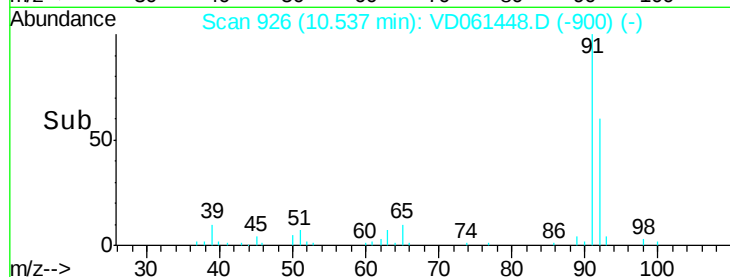
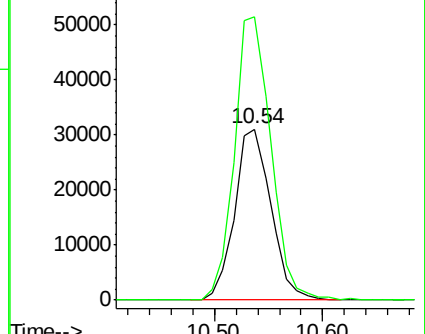
92 100

91 165.6 133.3 199.9



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: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061448.D

Acq: 31 Mar 2019 15:51

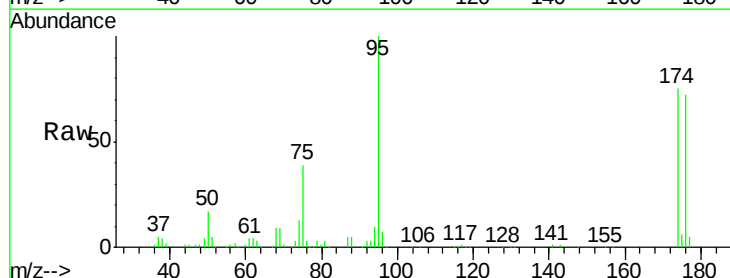
Tgt Ion: 95 Resp: 336570

Ion Ratio Lower Upper

95 100

174 75.1 0.0 178.0

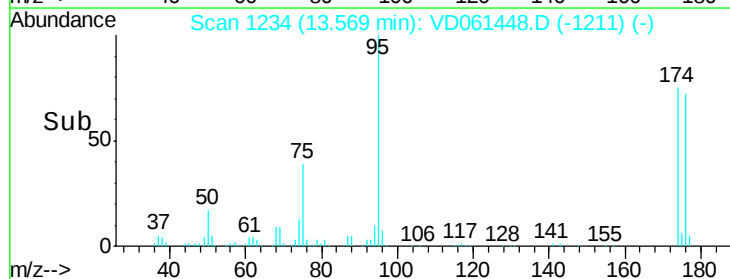
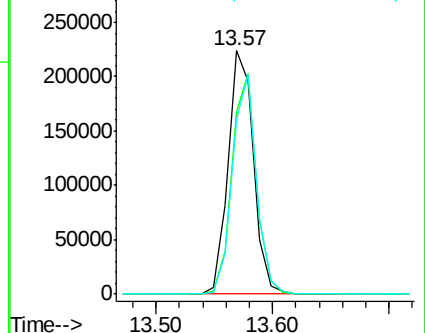
176 71.5 0.0 175.0

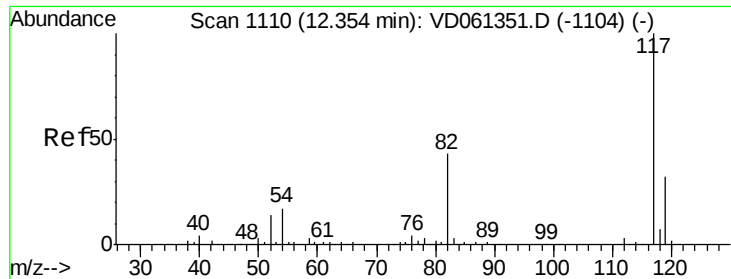


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

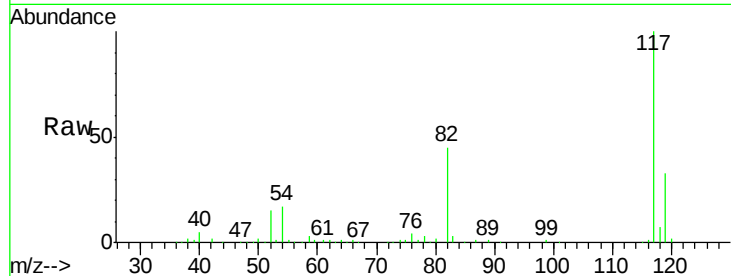




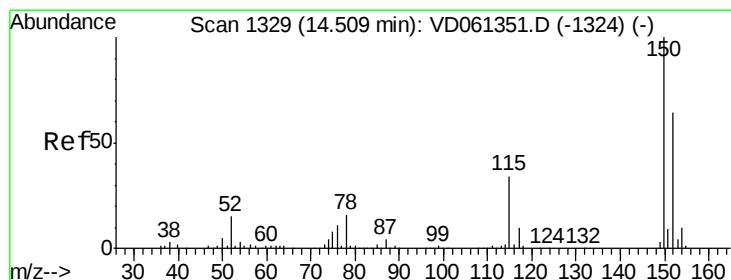
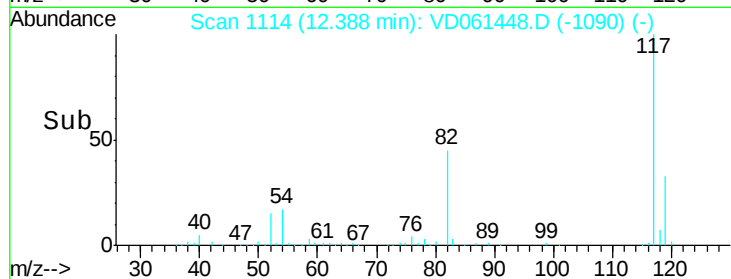
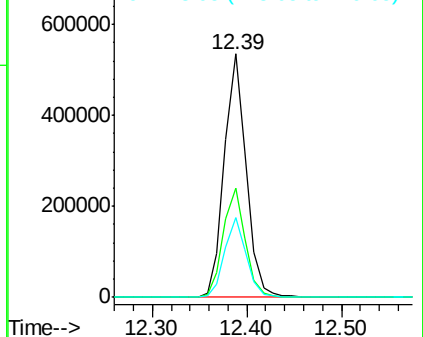
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061448.D
Acq: 31 Mar 2019 15:51

Instrument :
MSVOA_D
ClientSampleId :
SU-02-032719-B

Tgt Ion:117 Resp: 858069
Ion Ratio Lower Upper
117 100
82 44.9 34.4 51.6
119 32.6 25.8 38.6

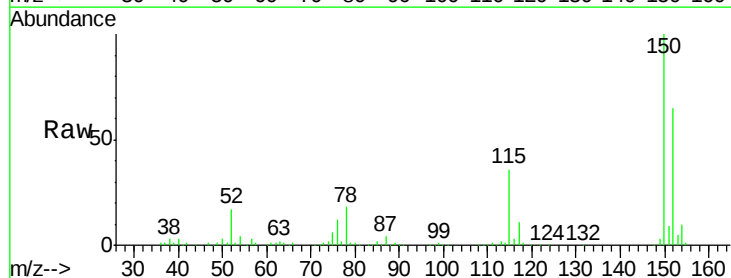


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061448.D
Acq: 31 Mar 2019 15:51

Tgt Ion:152 Resp: 348127
Ion Ratio Lower Upper
152 100
115 55.7 26.9 80.6
150 153.9 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

