

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061922.D
 Acq On : 19 Apr 2019 21:11
 Operator : VA/AP
 Sample : K2475-03
 Misc : 4.43g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 22 01:39:57 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

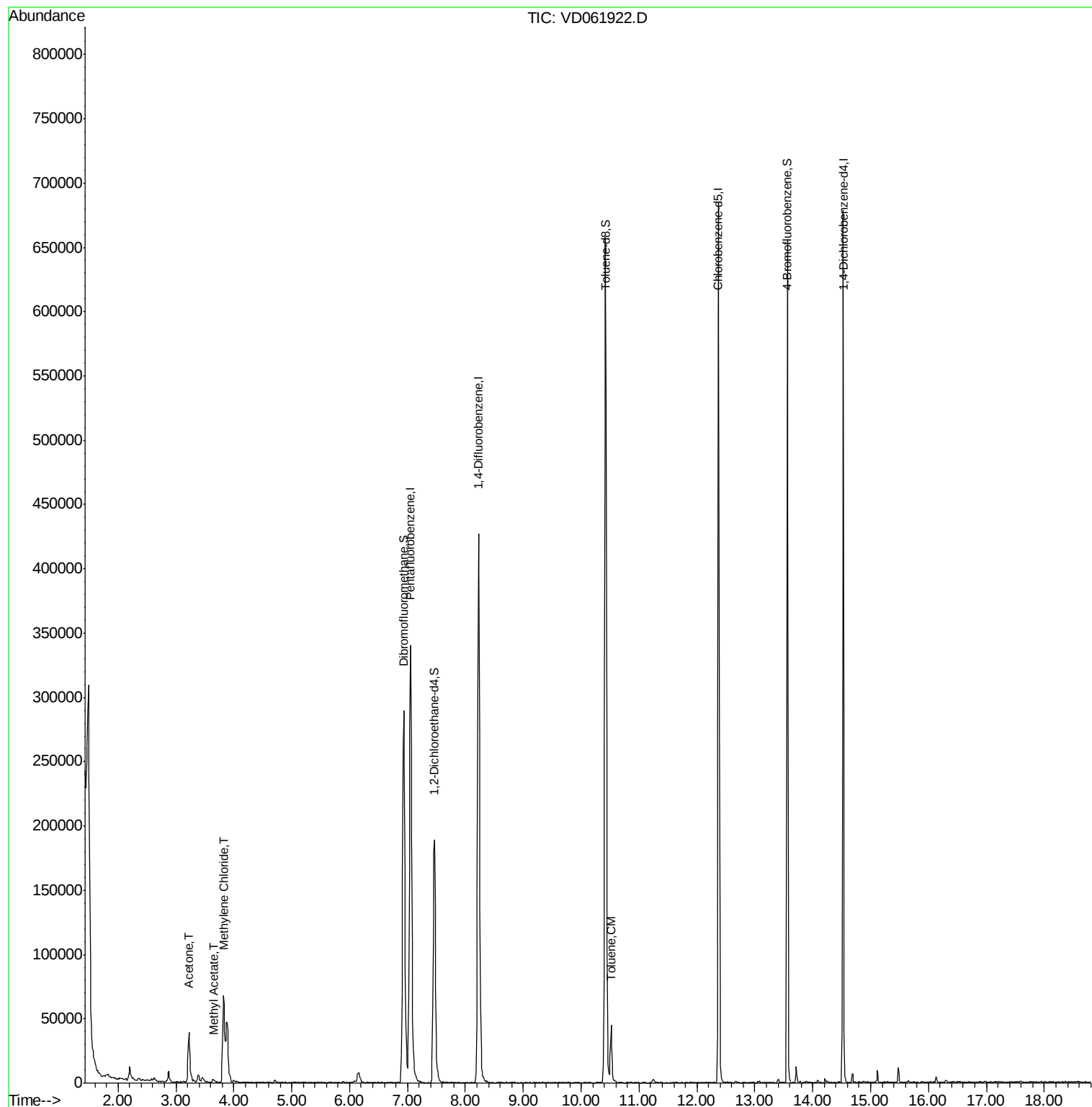
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	323303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	522856	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	418948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	154025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	195089	72.00	ug/l	0.01
Spiked Amount 50.000			Recovery	=	144.00%	
35) Dibromofluoromethane	6.93	113	277248	70.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	140.38%	
50) Toluene-d8	10.42	98	576804	61.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	123.26%	
62) 4-Bromofluorobenzene	13.56	95	196555	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
16) Acetone	3.22	43	69631	104.268	ug/l	96
18) Methyl Acetate	3.65	43	4379	3.272	ug/l #	88
20) Methylene Chloride	3.82	84	50970	11.855	ug/l	96
52) Toluene	10.52	92	23504	3.576	ug/l	89

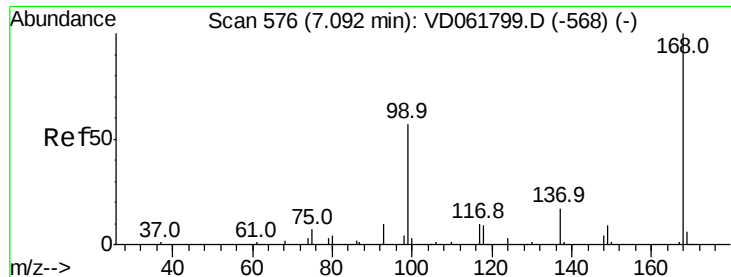
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041919\
Data File : VD061922.D
Acq On : 19 Apr 2019 21:11
Operator : VA/AP
Sample : K2475-03
Misc : 4.43g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
TP-TRACK-70-71

Quant Time: Apr 22 01:39:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
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: VD061922.D

Acq: 19 Apr 2019 21:11

Instrument :

MSVOA_D

ClientSampleId :

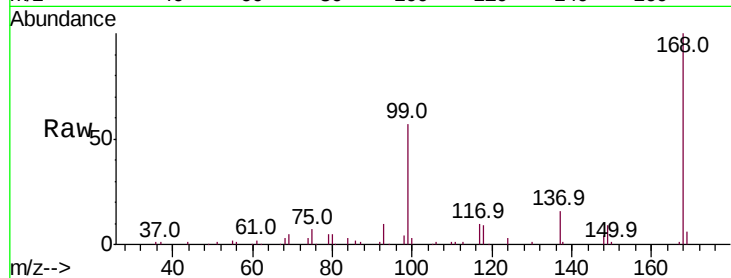
TP-TRACK-70-71

Tot Ion:168 Resp: 323303

Ion Ratio Lower Upper

168 100

99 56.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

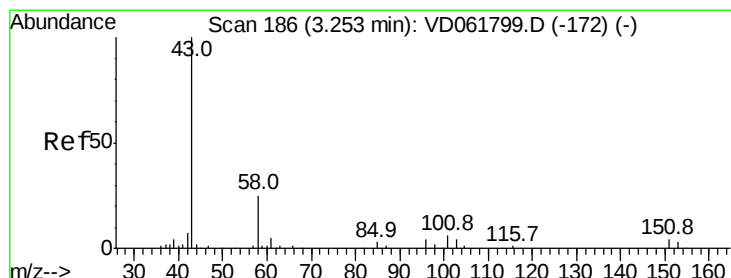
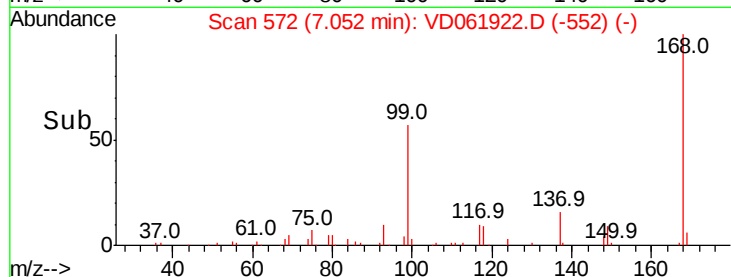
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 104.268 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061922.D

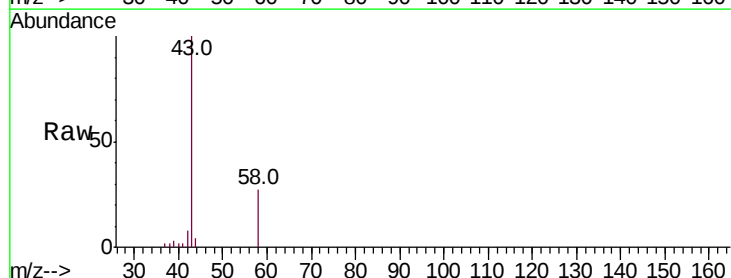
Acq: 19 Apr 2019 21:11

Tgt Ion: 43 Resp: 69631

Ion Ratio Lower Upper

43 100

58 26.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

25000

20000

15000

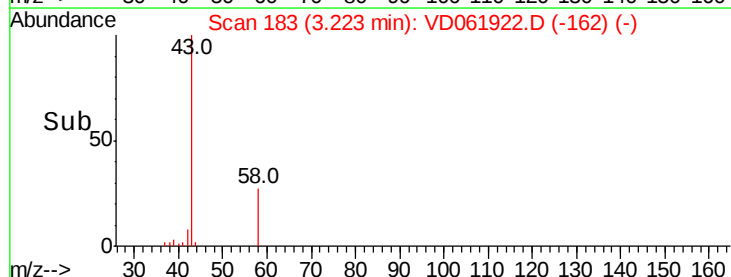
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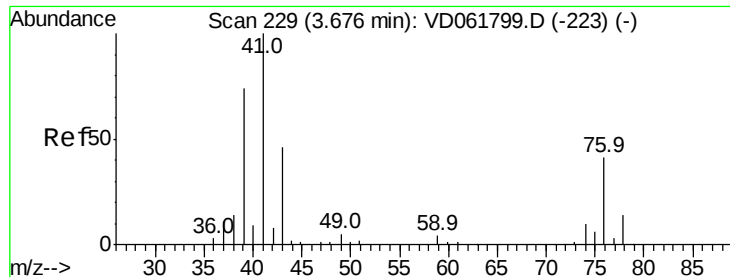
5000

0

Time-->

3.10 3.20 3.30 3.40

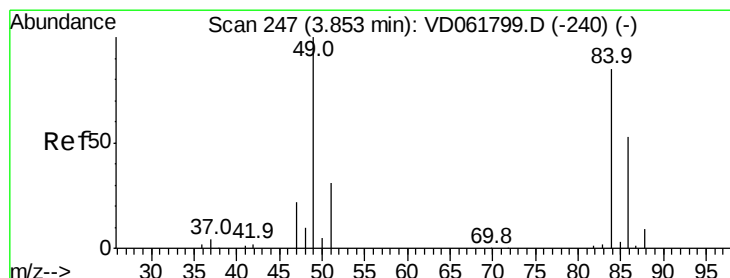
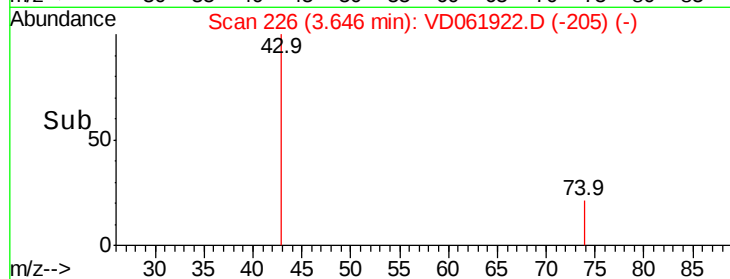
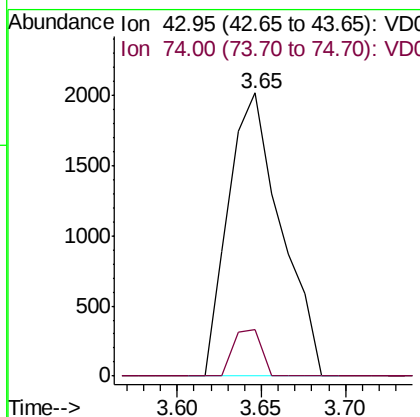
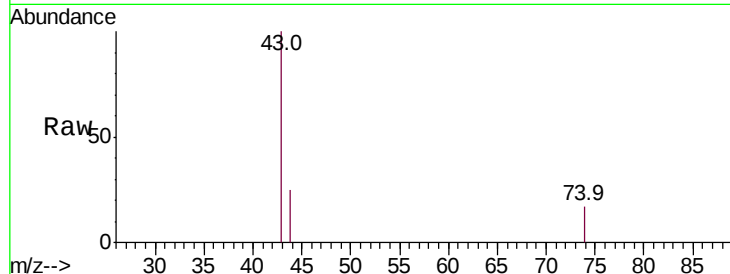




#18
Methyl Acetate
Concen: 3.272 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD061922.D
Acq: 19 Apr 2019 21:11

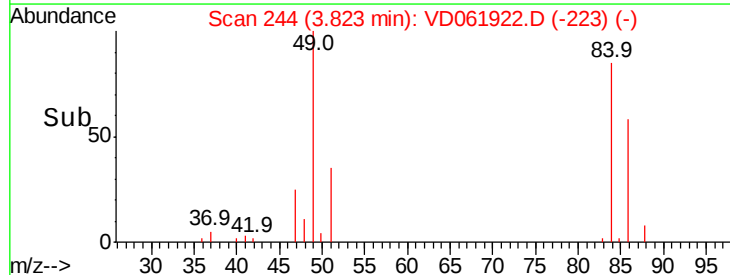
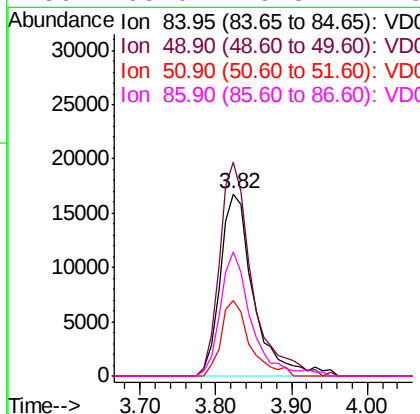
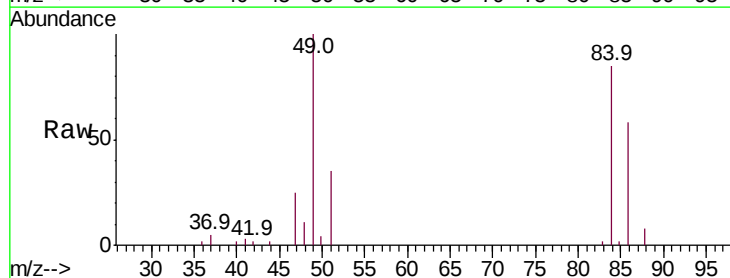
Instrument :
MSVOA_D
ClientSampleId :
TP-TRACK-70-71

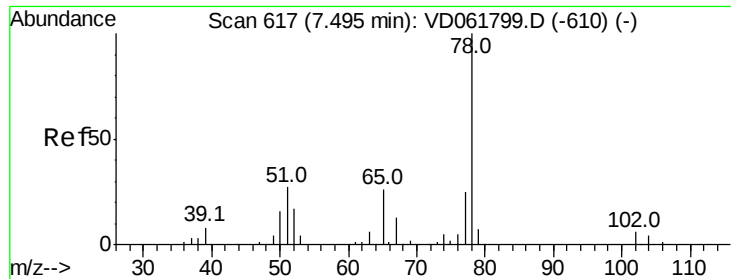
Tot Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
74 16.5 18.0 27.0#



#20
Methylene Chloride
Concen: 11.855 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061922.D
Acq: 19 Apr 2019 21:11

Tgt Ion: 84 Resp: 50970
Ion Ratio Lower Upper
84 100
49 117.4 94.0 141.0
51 41.4 29.0 43.4
86 68.0 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 71.999 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061922.D

Acq: 19 Apr 2019 21:11

Instrument :

MSVOA_D

ClientSampleId :

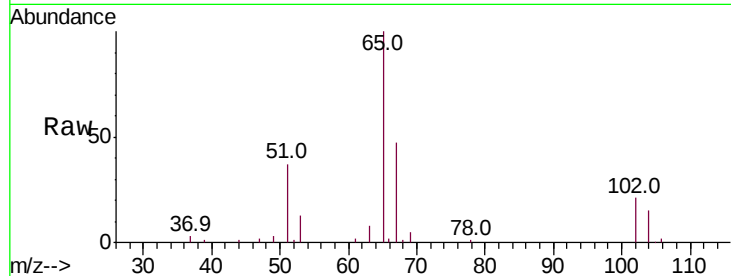
TP-TRACK-70-71

Tot Ion: 65 Resp: 195089

Ion Ratio Lower Upper

65 100

67 47.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

80000

60000

40000

20000

0

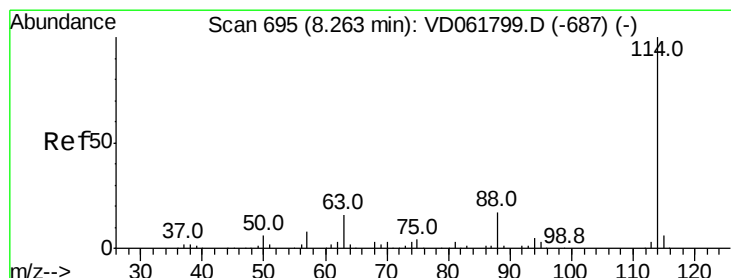
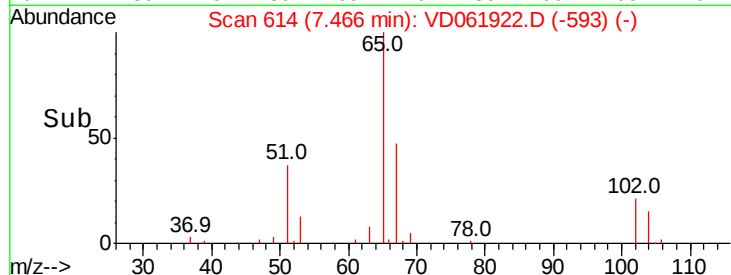
7.30

7.40

7.50

7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061922.D

Acq: 19 Apr 2019 21:11

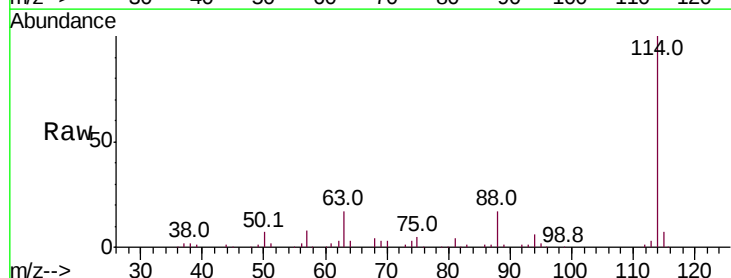
Tgt Ion: 114 Resp: 522856

Ion Ratio Lower Upper

114 100

63 17.1 0.0 32.4

88 17.1 0.0 33.6



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

250000

200000

150000

100000

50000

0

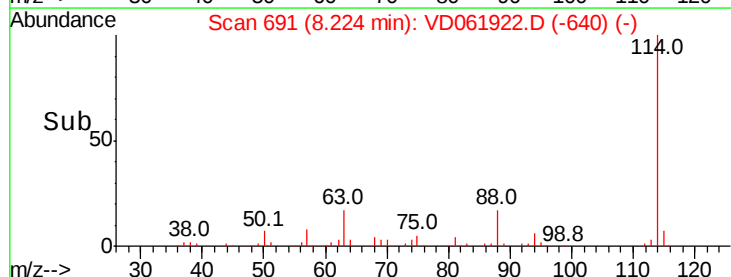
8.10

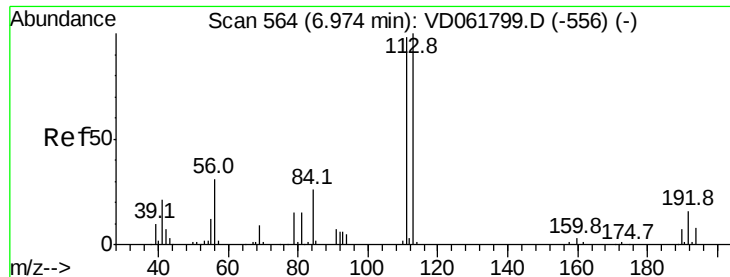
8.20

8.30

8.40

Time-->

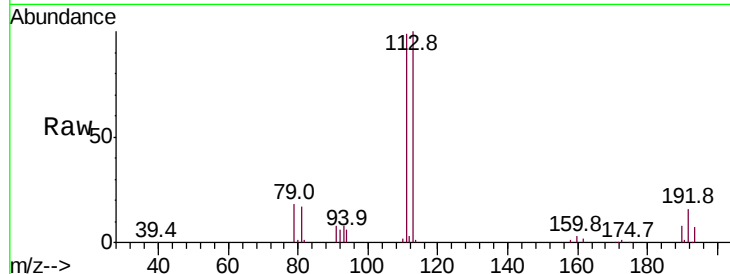




#35
 Dibromofluoromethane
 Concen: 70.186 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061922.D
 Acq: 19 Apr 2019 21:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-70-71

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.7	78.5	117.7
192	16.3	13.0	19.4

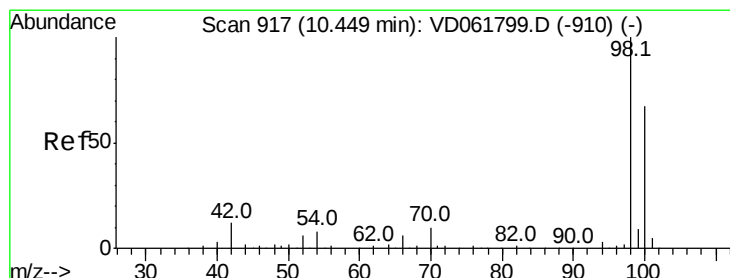
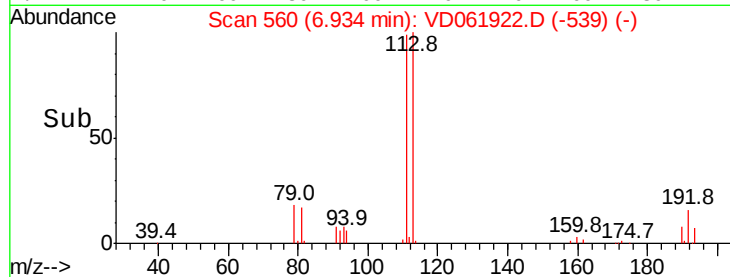
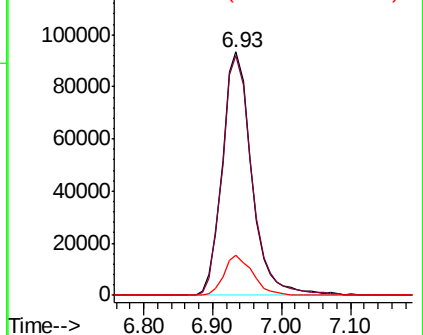


Abundance

Ion 112.90 (112.60 to 113.60): V

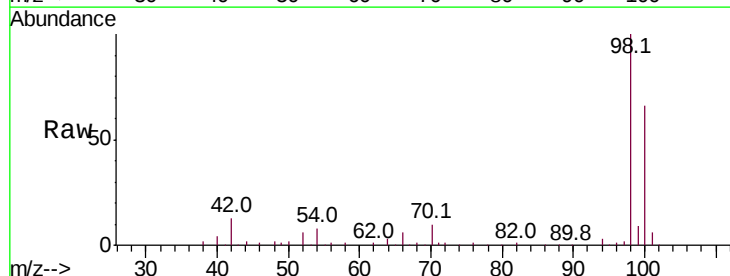
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50
 Toluene-d8
 Concen: 61.626 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: VD061922.D
 Acq: 19 Apr 2019 21:11

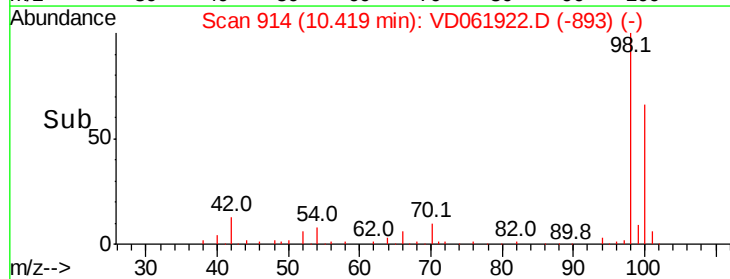
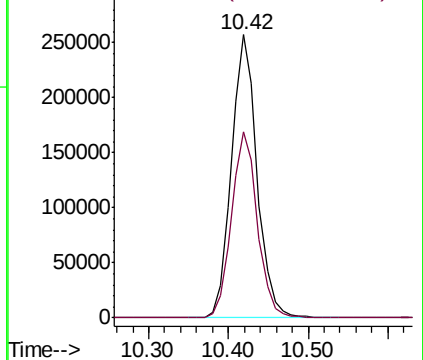
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.8

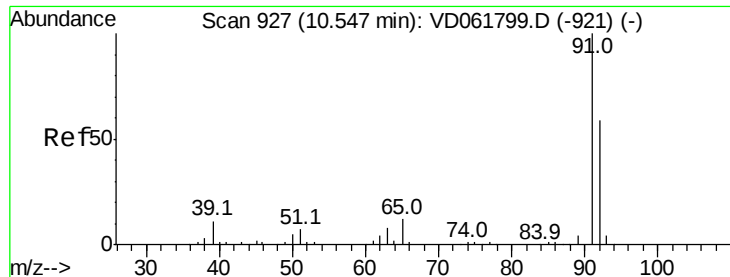


Abundance

Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 3.576 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD061922.D

Acq: 19 Apr 2019 21:11

Instrument :

MSVOA_D

ClientSampleId :

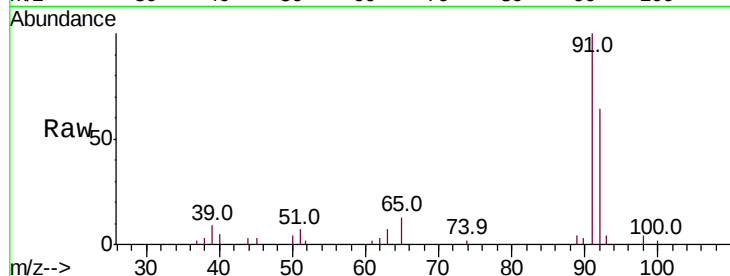
TP-TRACK-70-71

Tot Ion: 92 Resp: 23504

Ion Ratio Lower Upper

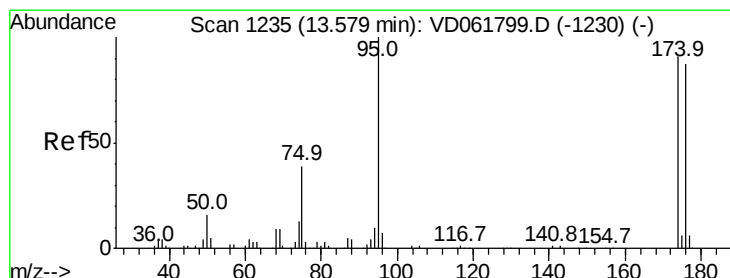
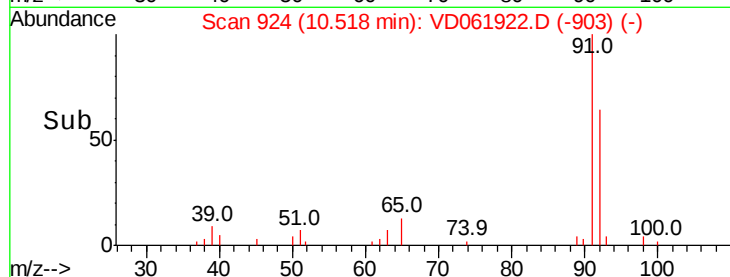
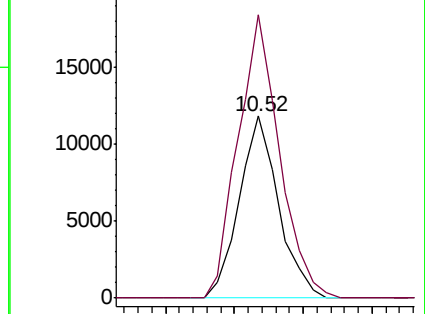
92 100

91 155.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.812 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061922.D

Acq: 19 Apr 2019 21:11

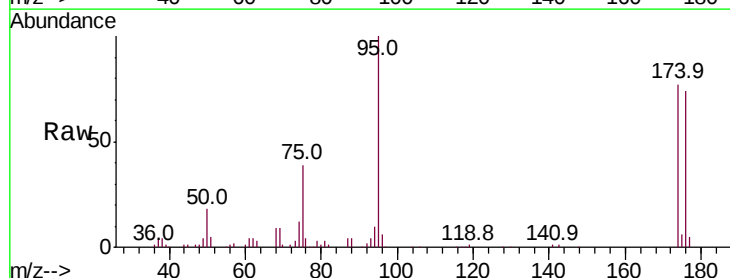
Tgt Ion: 95 Resp: 196555

Ion Ratio Lower Upper

95 100

174 76.6 0.0 181.8

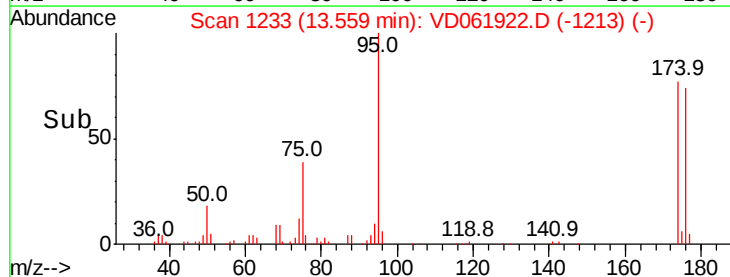
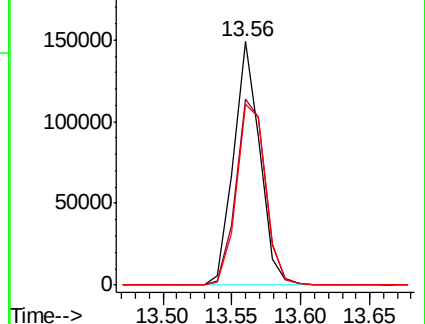
176 74.4 0.0 174.4

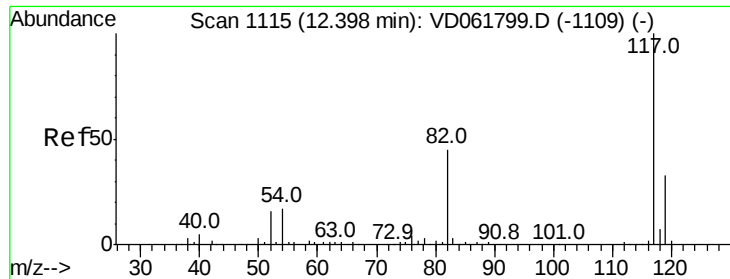


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

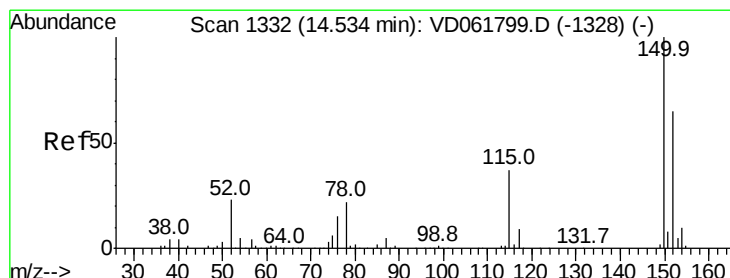
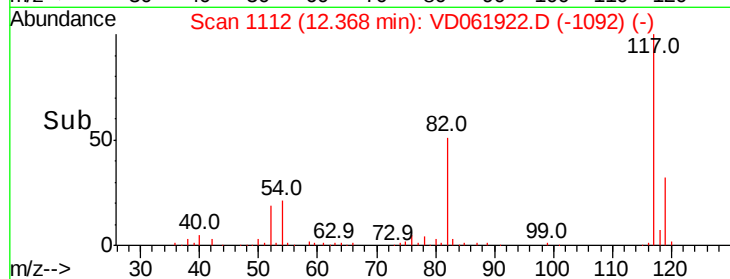
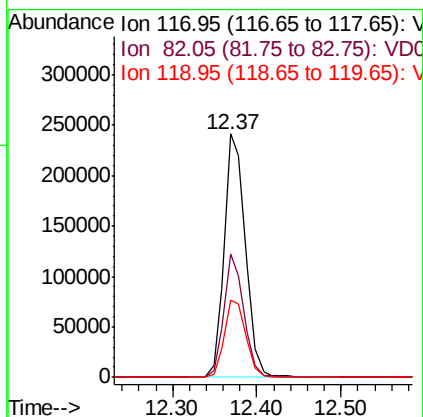
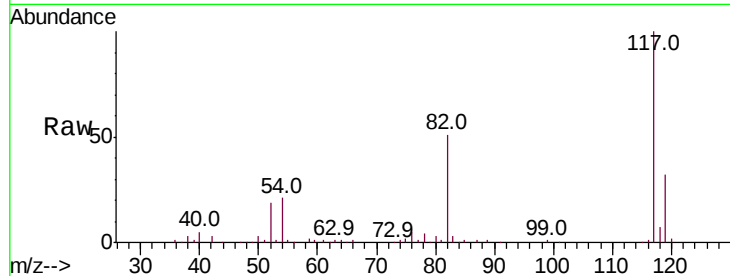




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD061922.D
 Acq: 19 Apr 2019 21:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-70-71

Tot Ion:117 Resp: 418948
 Ion Ratio Lower Upper
 117 100
 82 50.6 36.2 54.2
 119 31.6 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061922.D
 Acq: 19 Apr 2019 21:11

Tgt Ion:152 Resp: 154025
 Ion Ratio Lower Upper
 152 100
 115 55.5 30.9 92.7
 150 157.2 0.0 314.8

