

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042919\  
 Data File : VD062066.D  
 Acq On : 29 Apr 2019 16:51  
 Operator : FY/SY  
 Sample : K2584-02RE  
 Misc : 6.13gm/5mL/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SSSI-0419-S-DH-7RE

Quant Time: Apr 30 01:25:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

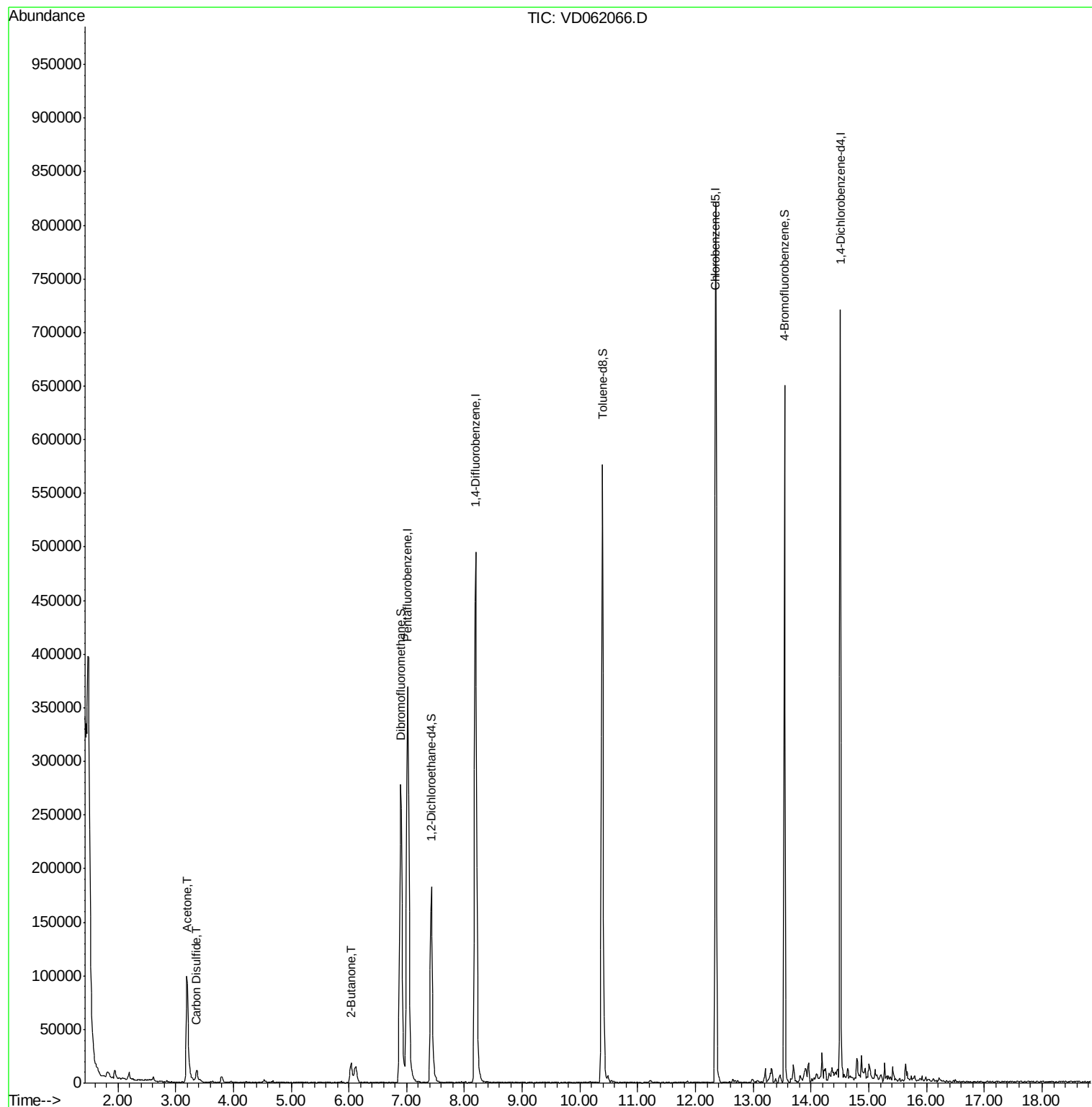
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.02  | 168  | 392893   | 50.00   | ug/l    | -0.03    |
| 34) 1,4-Difluorobenzene     | 8.20  | 114  | 617471   | 50.00   | ug/l    | -0.03    |
| 63) Chlorobenzene-d5        | 12.35 | 117  | 502507   | 50.00   | ug/l    | -0.02    |
| 72) 1,4-Dichlorobenzene-d4  | 14.51 | 152  | 158050   | 50.00   | ug/l    | -0.02    |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.43  | 65   | 188063   | 61.16   | ug/l    | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 122.32% |          |
| 35) Dibromofluoromethane    | 6.90  | 113  | 267042   | 62.53   | ug/l    | -0.04    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 125.06% |          |
| 50) Toluene-d8              | 10.39 | 98   | 509782   | 50.17   | ug/l    | -0.03    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 100.34% |          |
| 62) 4-Bromofluorobenzene    | 13.54 | 95   | 188286   | 46.20   | ug/l    | -0.02    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 92.40%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 3.19  | 43   | 187537   | 255.424 | ug/l    | 95       |
| 17) Carbon Disulfide        | 3.36  | 76   | 21548    | 2.328   | ug/l    | 97       |
| 25) 2-Butanone              | 6.04  | 43   | 42354    | 47.579  | ug/l    | 94       |

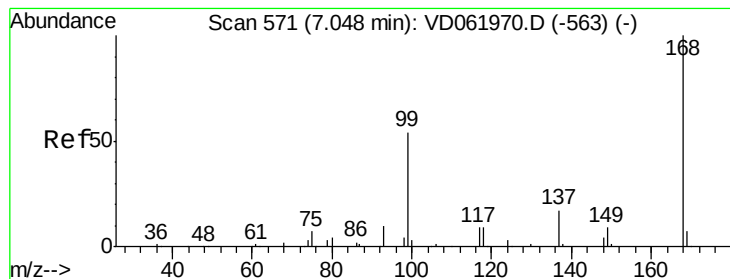
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042919\  
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Sample : K2584-02RE  
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Instrument :  
MSVOA\_D  
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SSSI-0419-S-DH-7RE

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 23 14:52:55 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

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Acq: 29 Apr 2019 16:51

Instrument :

MSVOA\_D

ClientSampleId :

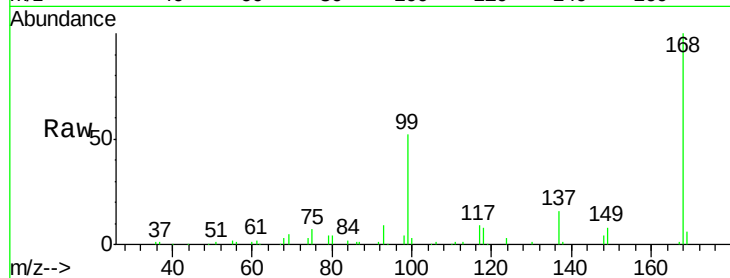
SSSI-0419-S-DH-7RE

Tot Ion:168 Resp: 392893

Ion Ratio Lower Upper

168 100

99 52.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

150000

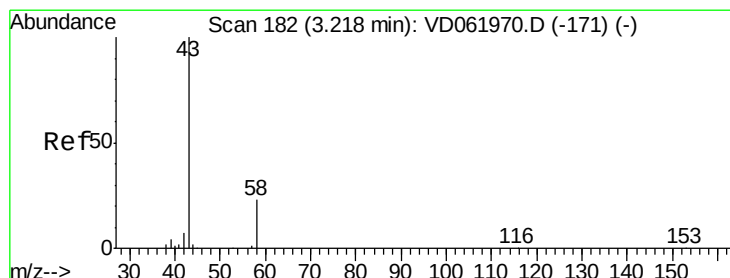
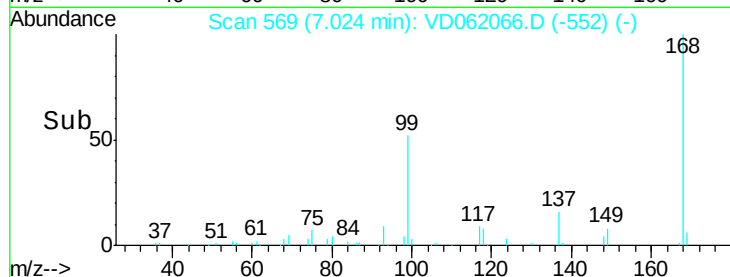
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 255.424 ug/l

RT: 3.19 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062066.D

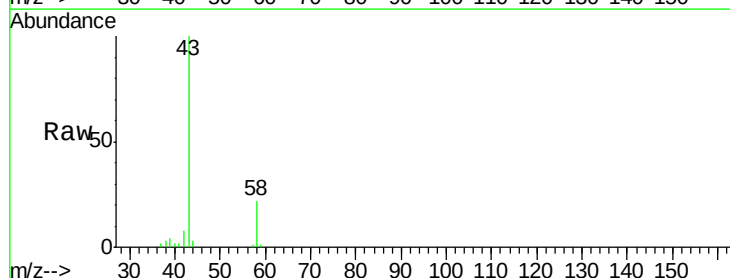
Acq: 29 Apr 2019 16:51

Tgt Ion: 43 Resp: 187537

Ion Ratio Lower Upper

43 100

58 22.4 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.19

80000

60000

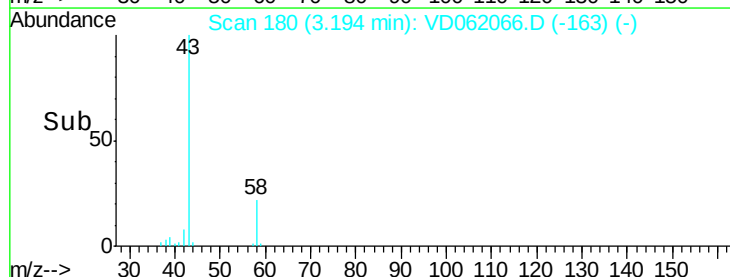
40000

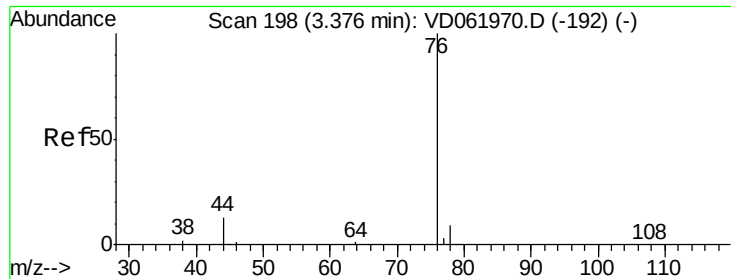
20000

0

Time-->

3.10 3.20 3.30 3.40





#17

Carbon Disulfide

Concen: 2.328 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.03 min

Lab File: VD062066.D

Acq: 29 Apr 2019 16:51

Instrument :

MSVOA\_D

ClientSampleId :

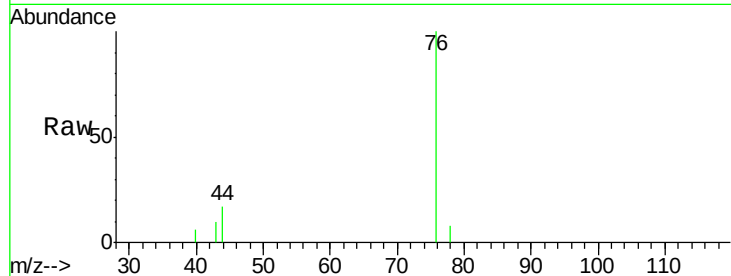
SSSI-0419-S-DH-7RE

Tot Ion: 76 Resp: 21548

Ion Ratio Lower Upper

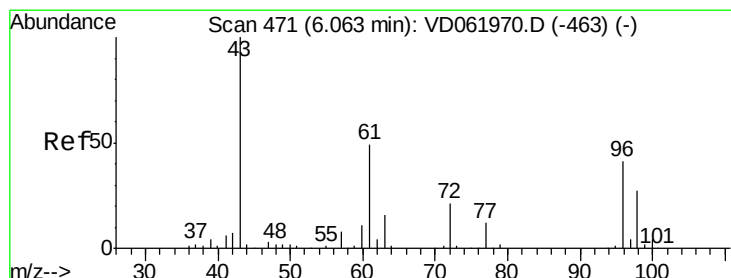
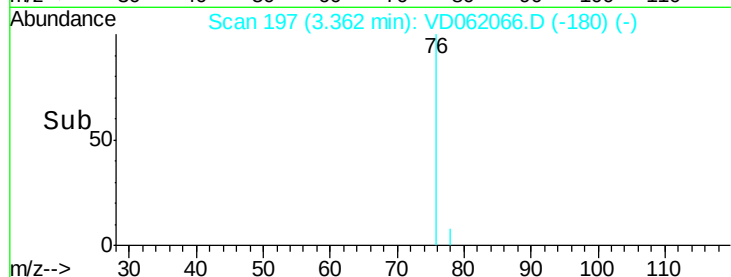
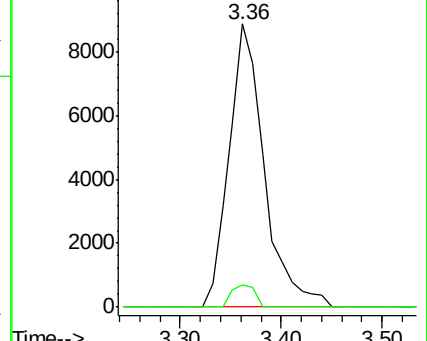
76 100

78 8.0 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 47.579 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.04 min

Lab File: VD062066.D

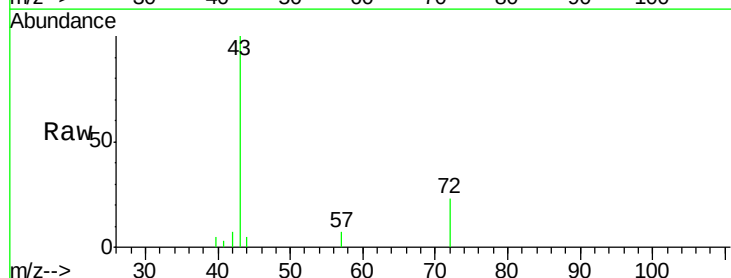
Acq: 29 Apr 2019 16:51

Tgt Ion: 43 Resp: 42354

Ion Ratio Lower Upper

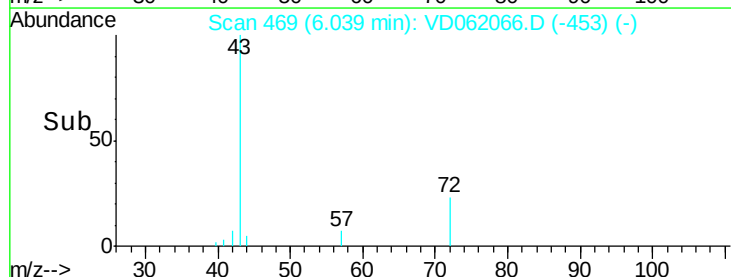
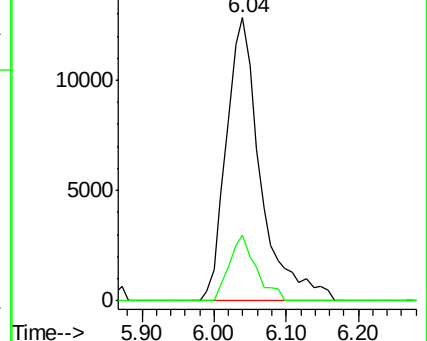
43 100

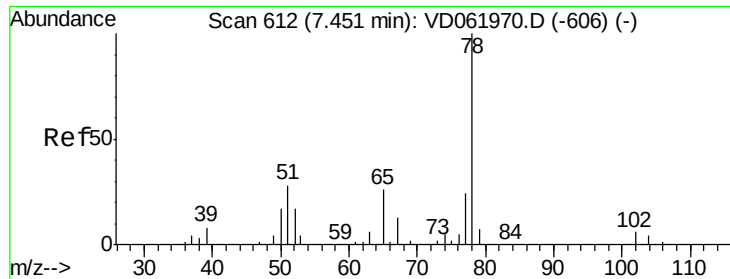
72 23.3 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

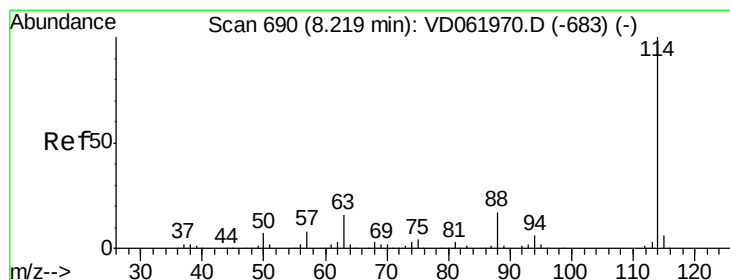
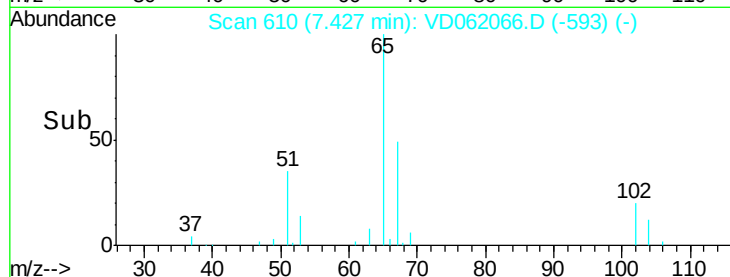
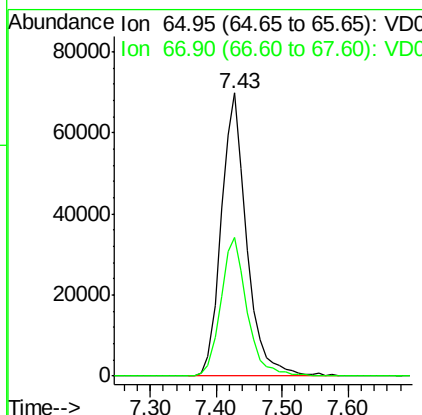
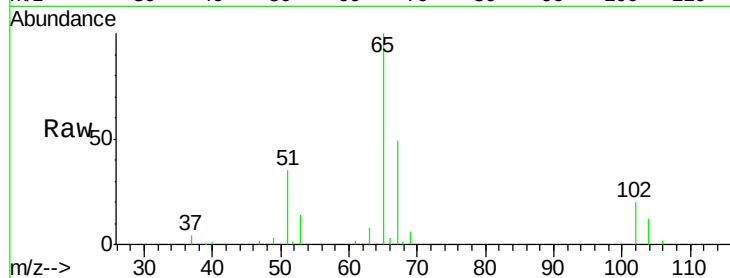




#33  
 1,2-Dichloroethane-d4  
 Concen: 61.159 ug/l  
 RT: 7.43 min Scan# 610  
 Delta R.T. -0.03 min  
 Lab File: VD062066.D  
 Acq: 29 Apr 2019 16:51

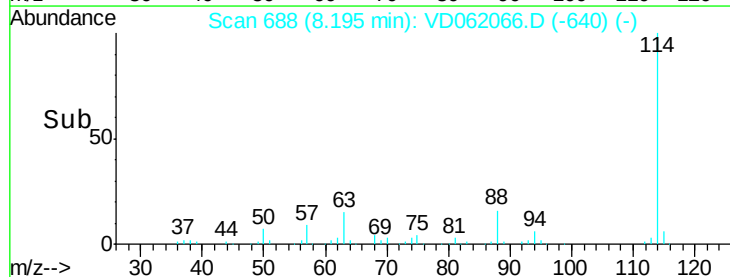
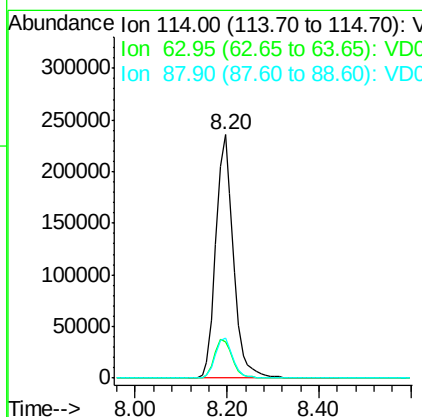
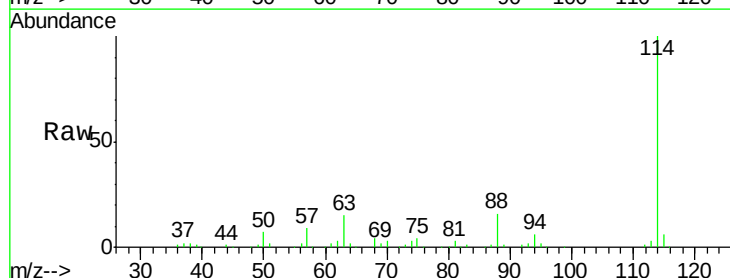
Instrument :  
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 SSSI-0419-S-DH-7RE

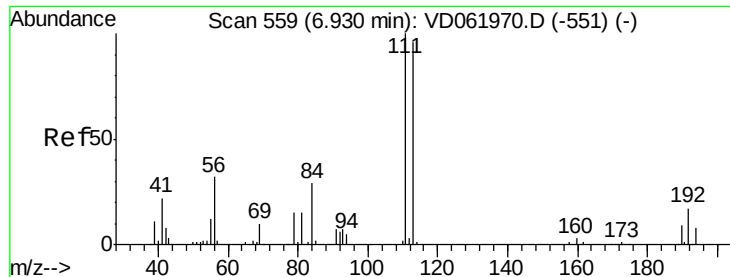
Tot Ion: 65 Resp: 188063  
 Ion Ratio Lower Upper  
 65 100  
 67 48.9 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.20 min Scan# 688  
 Delta R.T. -0.03 min  
 Lab File: VD062066.D  
 Acq: 29 Apr 2019 16:51

Tgt Ion: 114 Resp: 617471  
 Ion Ratio Lower Upper  
 114 100  
 63 15.0 0.0 32.4  
 88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 62.533 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD062066.D

Acq: 29 Apr 2019 16:51

Instrument :

MSVOA\_D

ClientSampleId :

SSSI-0419-S-DH-7RE

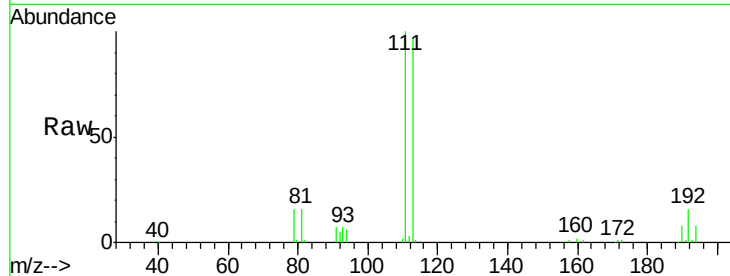
Tot Ion:113 Resp: 267042

Ion Ratio Lower Upper

113 100

111 103.6 78.5 117.7

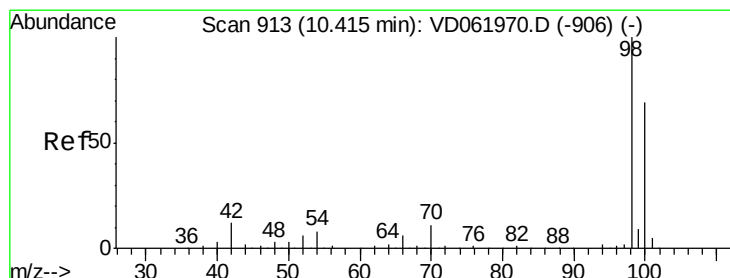
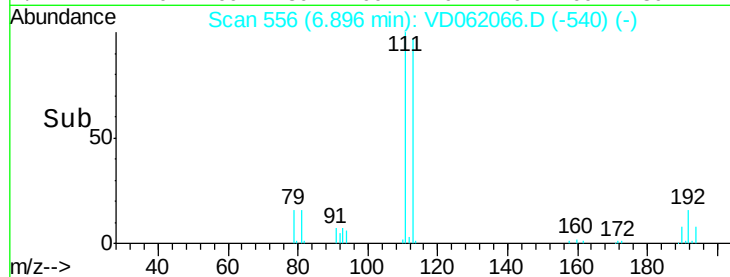
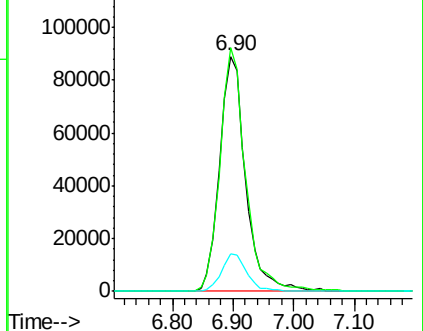
192 16.1 13.0 19.4



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: 50.168 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062066.D

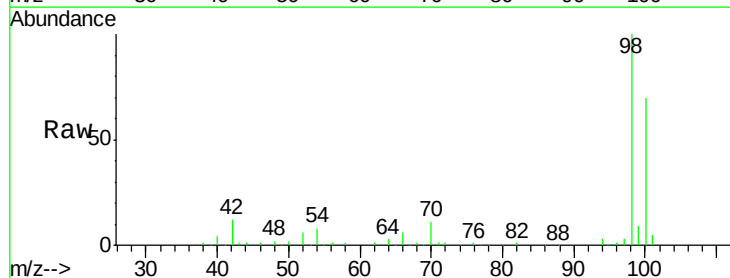
Acq: 29 Apr 2019 16:51

Tgt Ion: 98 Resp: 509782

Ion Ratio Lower Upper

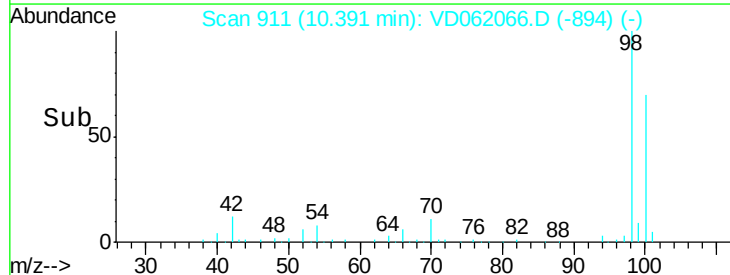
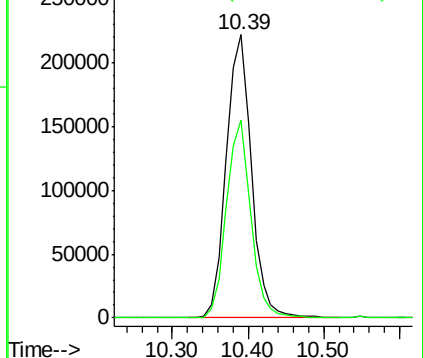
98 100

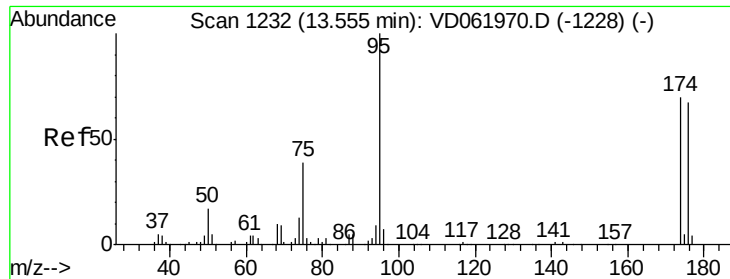
100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

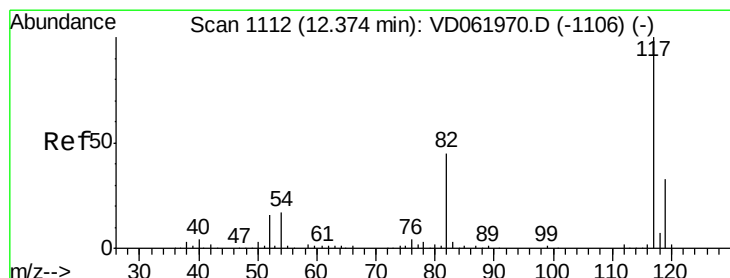
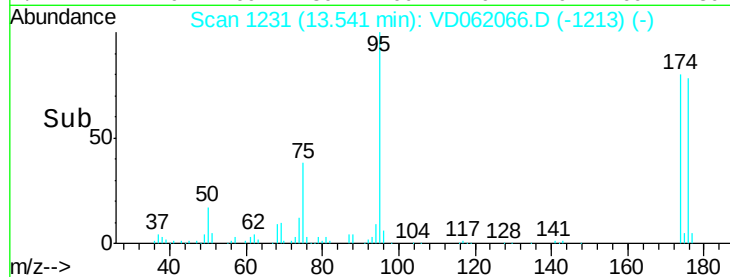
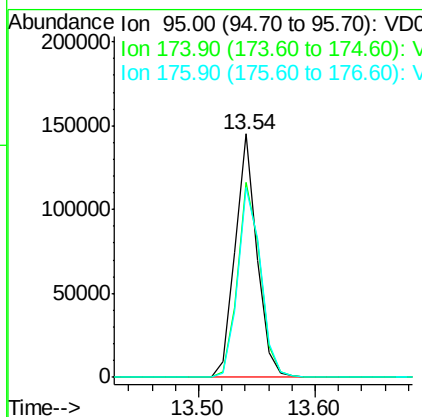
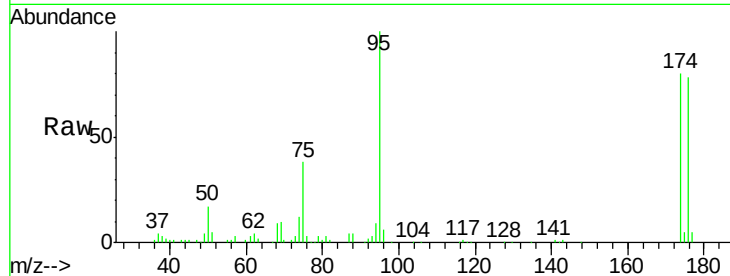




#62  
4-Bromofluorobenzene  
Concen: 46.198 ug/l  
RT: 13.54 min Scan# 1231  
Delta R.T. -0.02 min  
Lab File: VD062066.D  
Acq: 29 Apr 2019 16:51

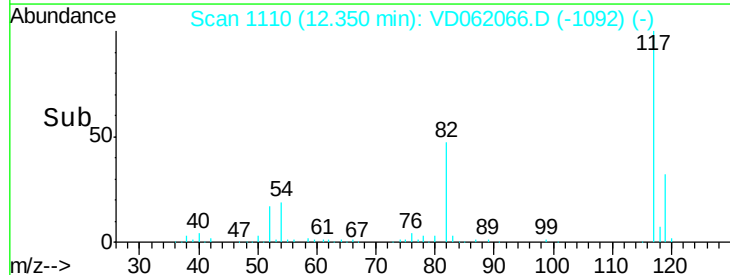
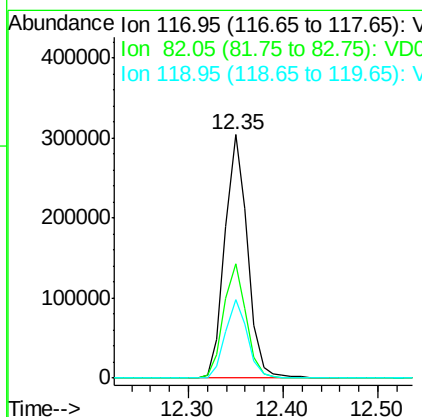
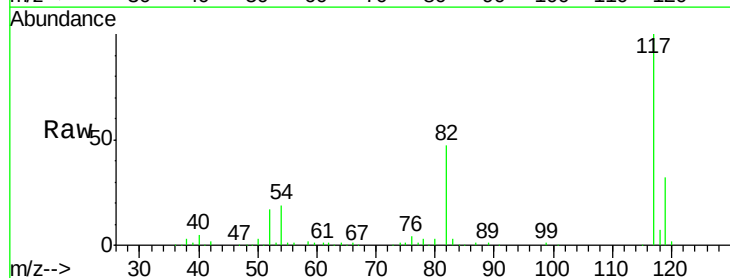
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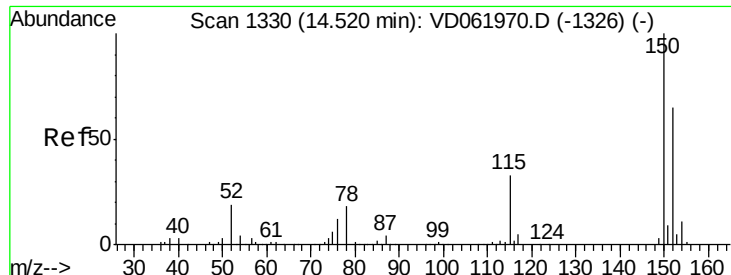
Tot Ion: 95 Resp: 188286  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 181.8  
176 78.2 0.0 174.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1110  
Delta R.T. -0.02 min  
Lab File: VD062066.D  
Acq: 29 Apr 2019 16:51

Tgt Ion: 117 Resp: 502507  
Ion Ratio Lower Upper  
117 100  
82 47.2 36.2 54.2  
119 32.5 26.2 39.4

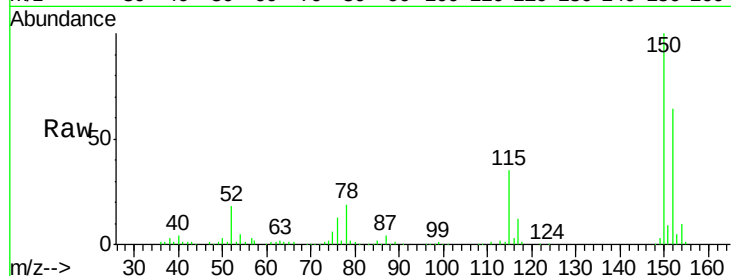




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 14.51 min Scan# 1329  
 Delta R.T. -0.02 min  
 Lab File: VD062066.D  
 Acq: 29 Apr 2019 16:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SSSI-0419-S-DH-7RE

Tot Ion:152 Resp: 158050  
 Ion Ratio Lower Upper  
 152 100  
 115 54.7 30.9 92.7  
 150 156.5 0.0 314.8



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

