

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\  
 Data File : VD066369.D  
 Acq On : 21 Aug 2020 19:41  
 Operator : VA/SY  
 Sample : L3734-02  
 Misc : 6.74G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EROC-BF-1A

Quant Time: Sep 02 07:12:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 13:36:12 2020  
 Response via : Initial Calibration

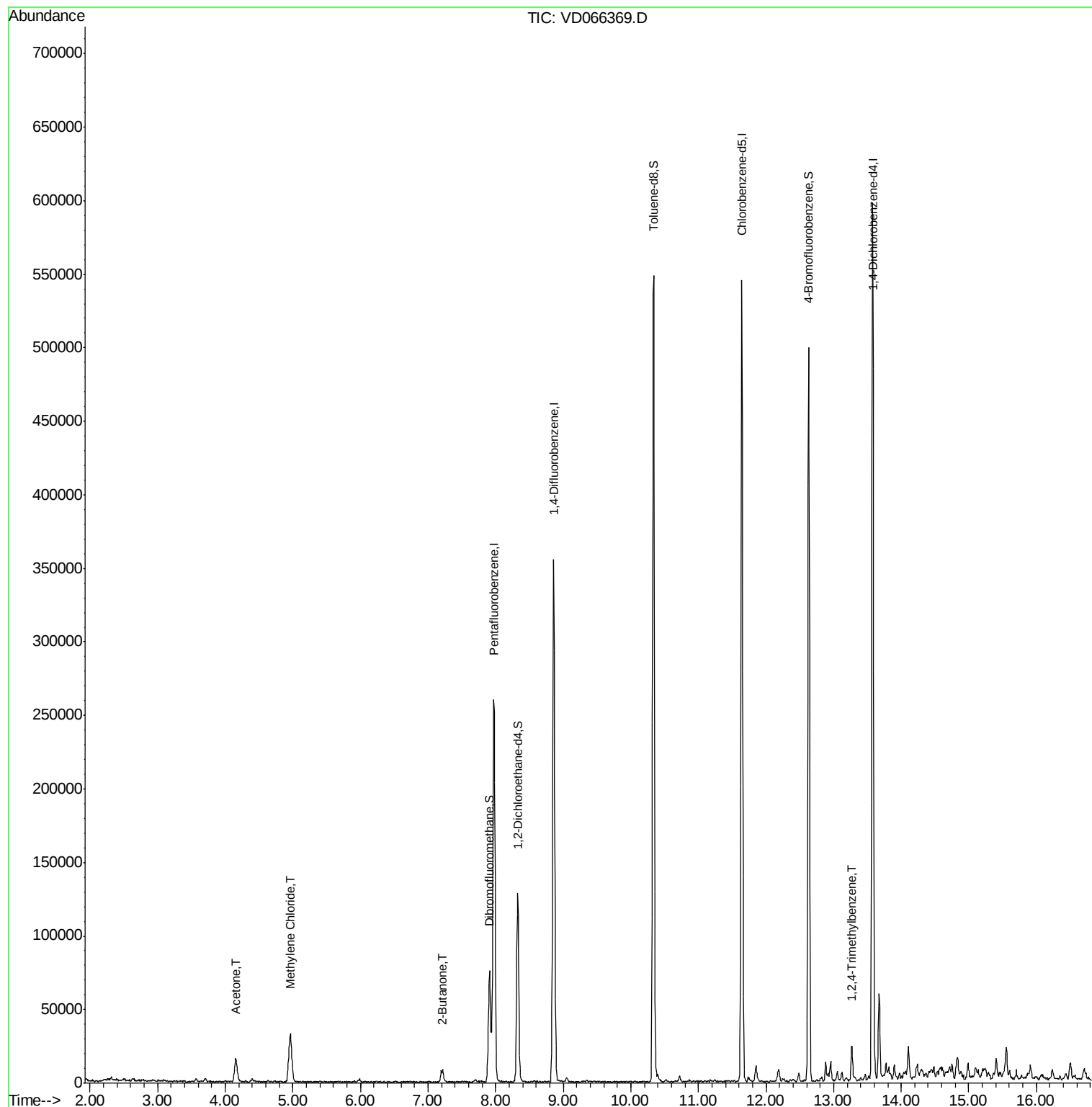
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.97  | 168  | 198304   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.86  | 114  | 305246   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 312703   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 163179   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 106861   | 54.97  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.94% |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 52078    | 27.28  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 54.56%  |          |
| 50) Toluene-d8              | 10.34 | 98   | 363818   | 52.09  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.18% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 145064   | 58.54  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 117.08% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.16  | 43   | 28332    | 80.833 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.96  | 84   | 25275    | 8.201  | ug/l #  | 92       |
| 25) 2-Butanone              | 7.21  | 43   | 11317    | 28.441 | ug/l    | 90       |
| 84) 1,2,4-Trimethylbenzene  | 13.27 | 105  | 12857    | 1.387  | ug/l    | 97       |

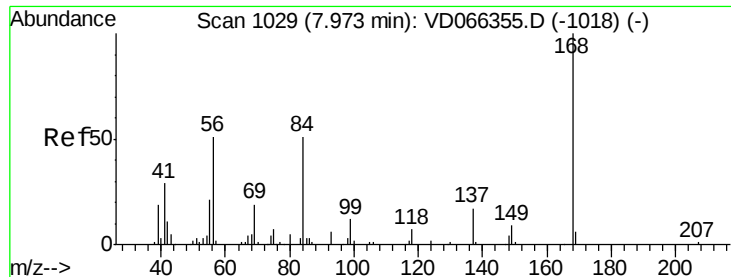
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082120\  
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MSVOA\_D  
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Quant Time: Sep 02 07:12:09 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D082120S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 13:36:12 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066369.D

Acq: 21 Aug 2020 19:41

Instrument :

MSVOA\_D

ClientSampleId :

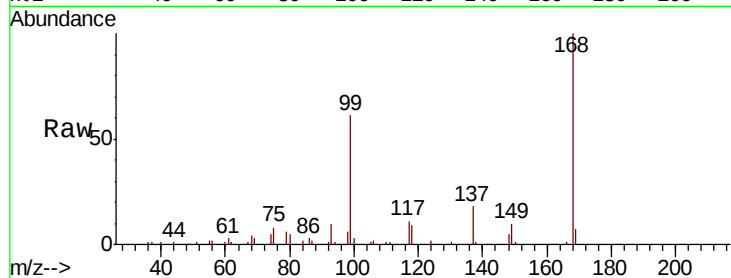
EROC-BF-1A

Tot Ion:168 Resp: 198304

Ion Ratio Lower Upper

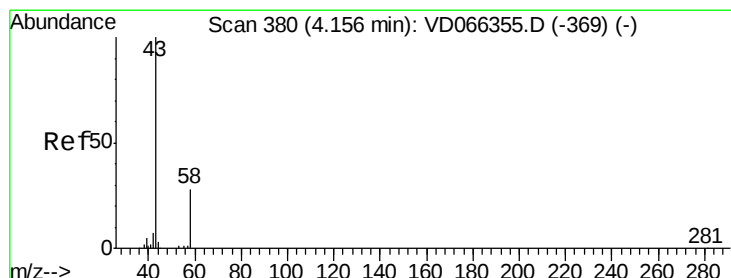
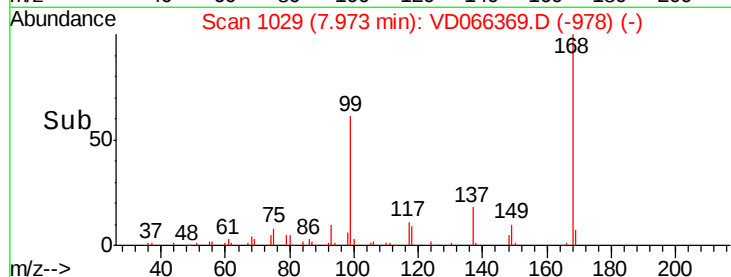
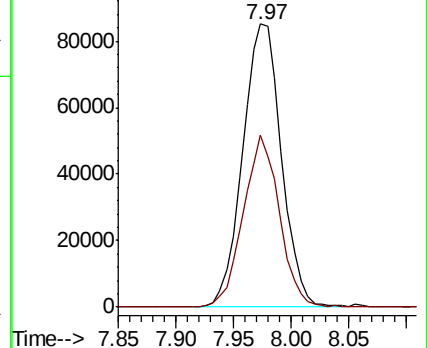
168 100

99 61.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 80.833 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066369.D

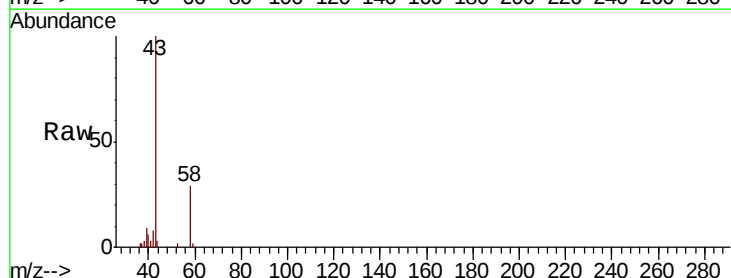
Acq: 21 Aug 2020 19:41

Tgt Ion: 43 Resp: 28332

Ion Ratio Lower Upper

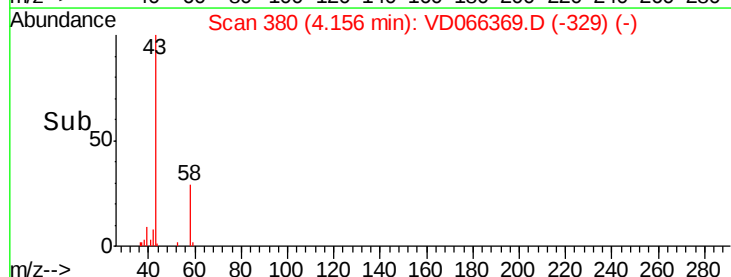
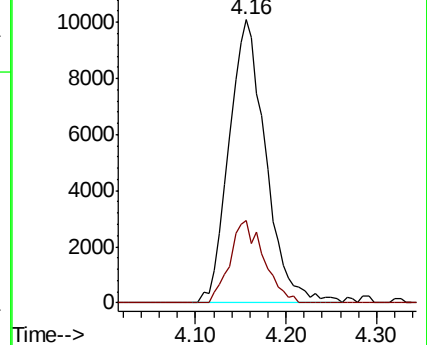
43 100

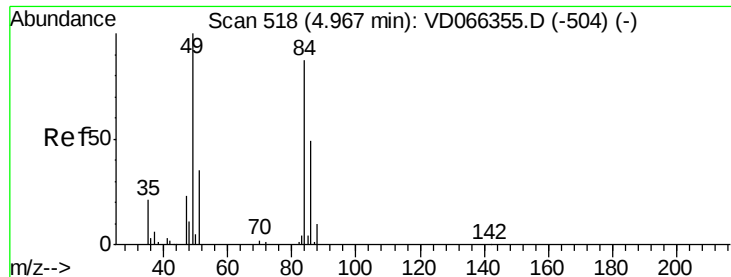
58 29.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

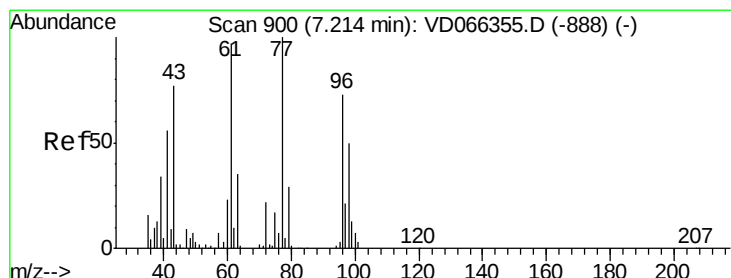
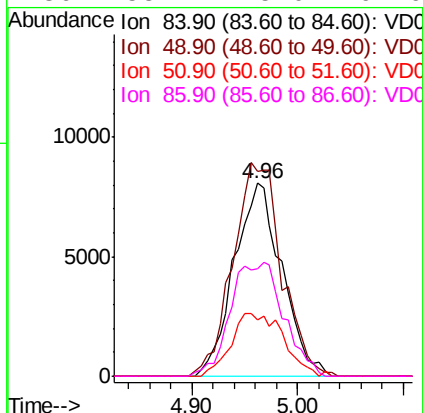
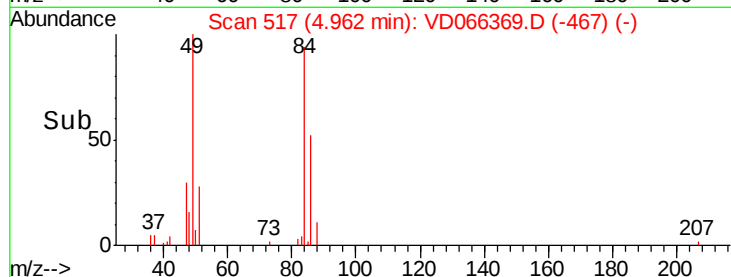
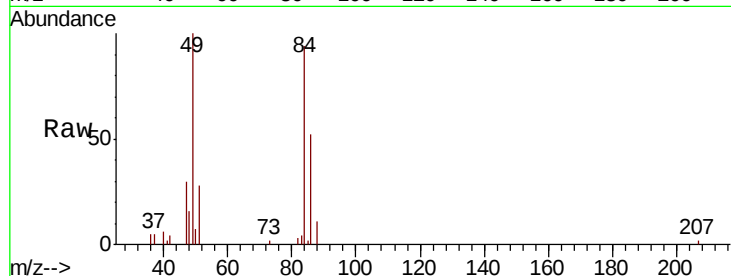




#20  
Methvlene Chloride  
Concen: 8.201 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

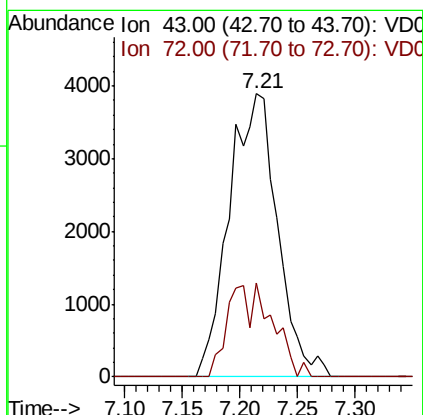
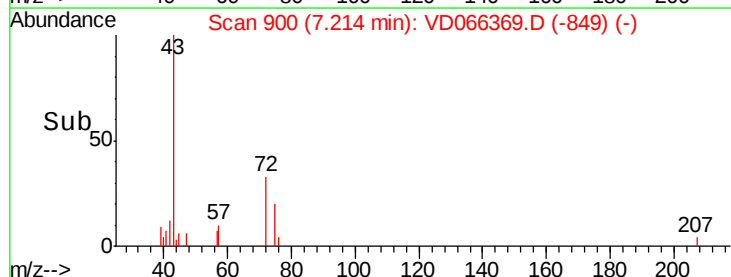
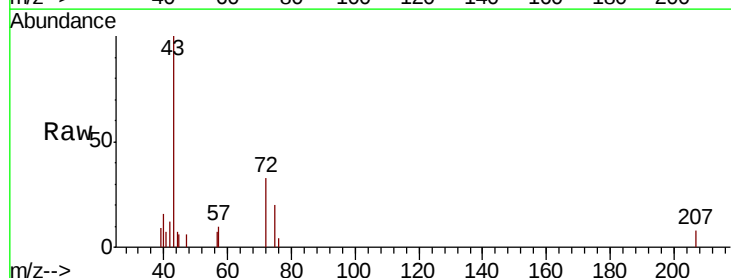
Instrument :  
MSVOA\_D  
ClientSampleId :  
EROC-BF-1A

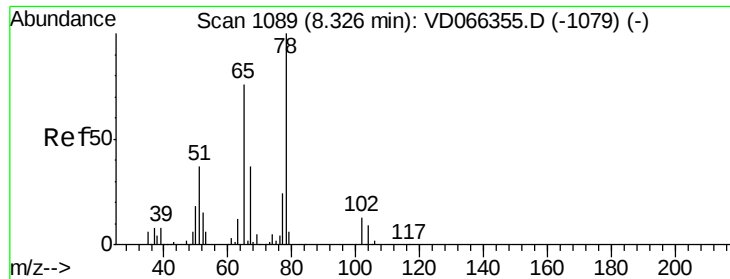
Tot Ion: 84 Resp: 25275  
Ion Ratio Lower Upper  
84 100  
49 106.1 92.5 138.7  
51 29.4 32.5 48.7#  
86 55.4 45.0 67.6



#25  
2-Butanone  
Concen: 28.441 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

Tgt Ion: 43 Resp: 11317  
Ion Ratio Lower Upper  
43 100  
72 33.3 22.5 33.7

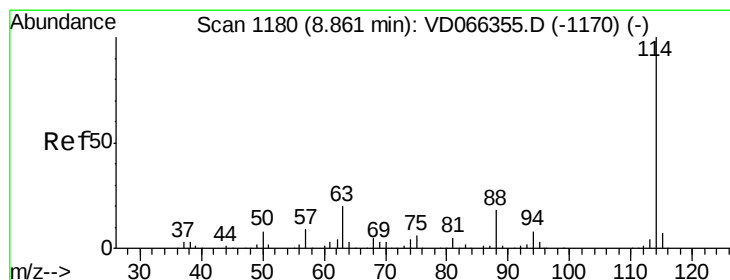
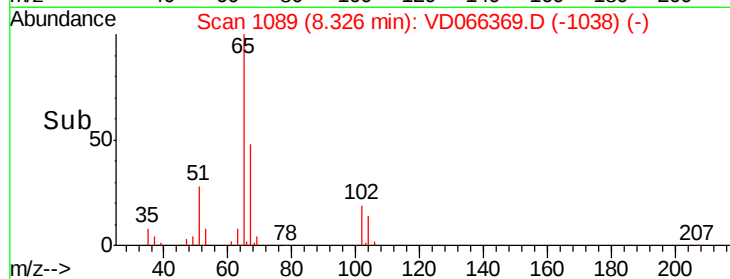
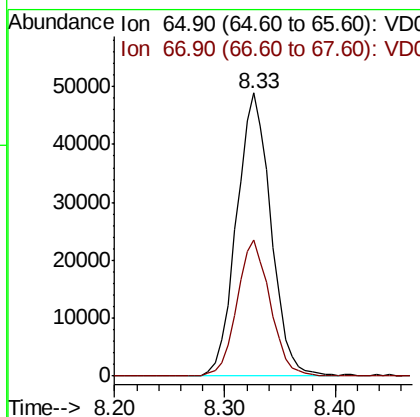
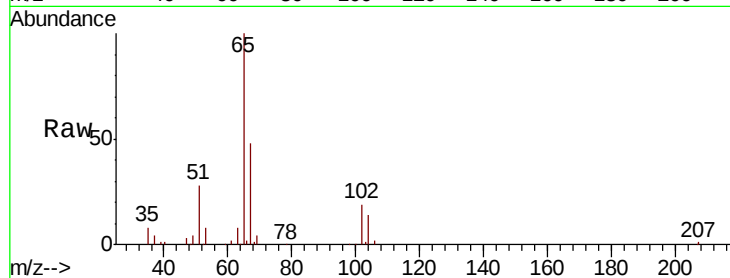




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.965 ug/l  
 RT: 8.33 min Scan# 1089  
 Delta R.T. 0.00 min  
 Lab File: VD066369.D  
 Acq: 21 Aug 2020 19:41

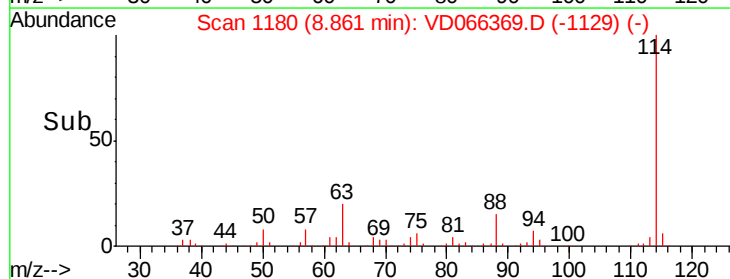
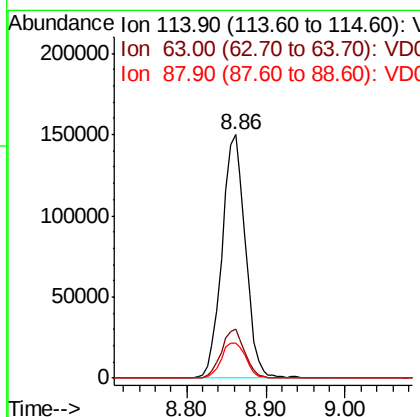
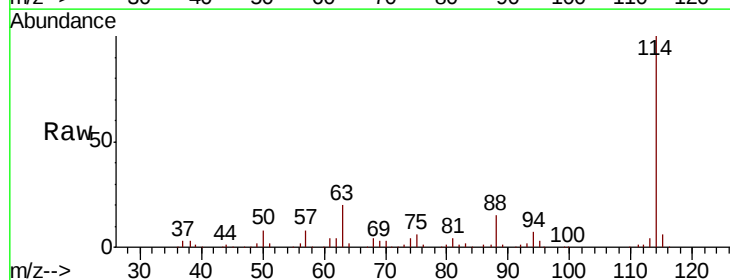
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 EROC-BF-1A

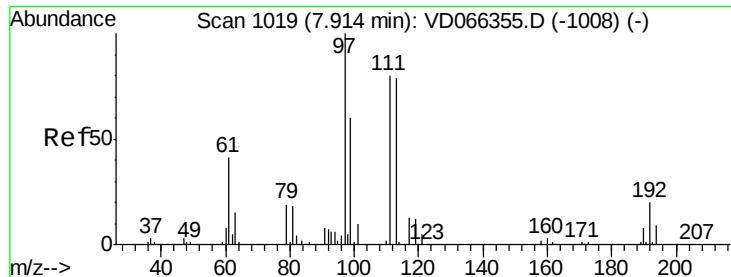
Tot Ion: 65 Resp: 106861  
 Ion Ratio Lower Upper  
 65 100  
 67 46.6 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066369.D  
 Acq: 21 Aug 2020 19:41

Tgt Ion: 114 Resp: 305246  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 40.8  
 88 14.6 0.0 35.4

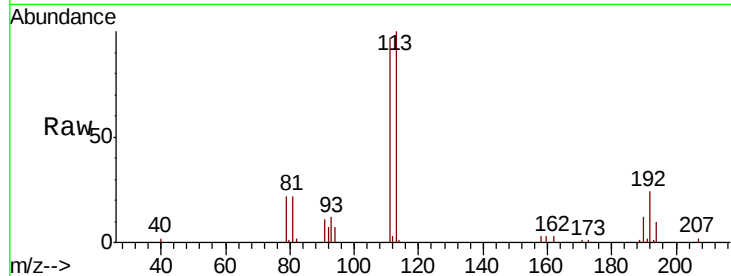




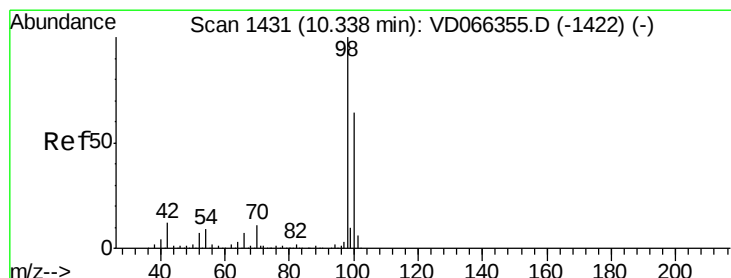
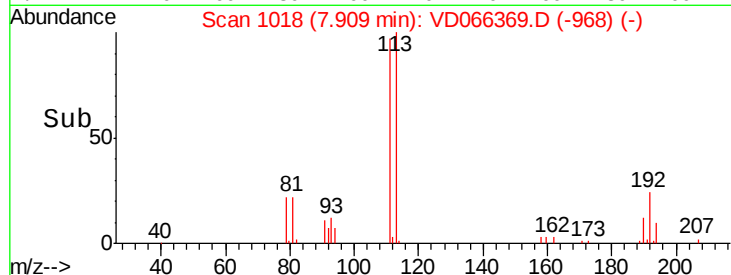
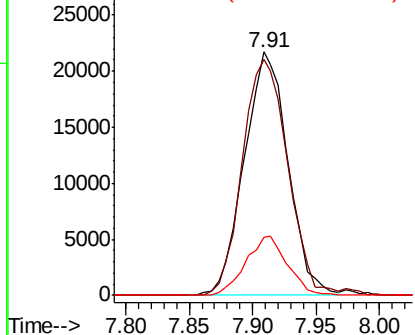
#35  
Dibromofluoromethane  
Concen: 27.284 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
EROC-BF-1A

Tot Ion:113 Resp: 52078  
Ion Ratio Lower Upper  
113 100  
111 100.0 80.3 120.5  
192 23.0 19.0 28.6

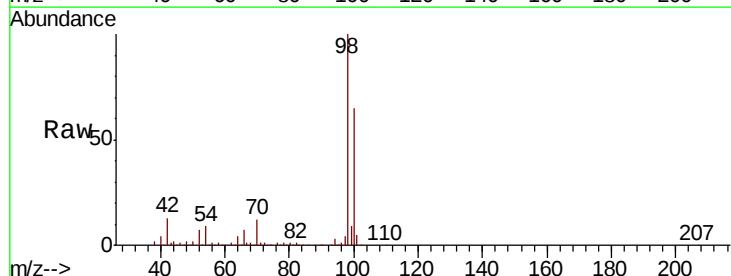


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

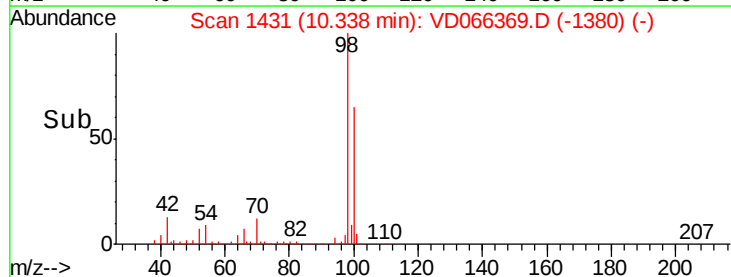
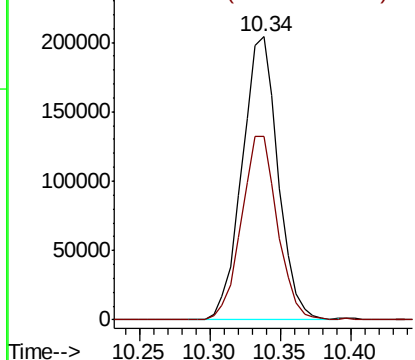


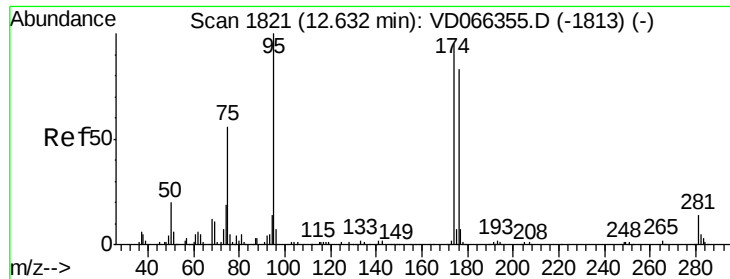
#50  
Toluene-d8  
Concen: 52.095 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

Tgt Ion: 98 Resp: 363818  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD  
Ion 100.00 (99.70 to 100.70): VD

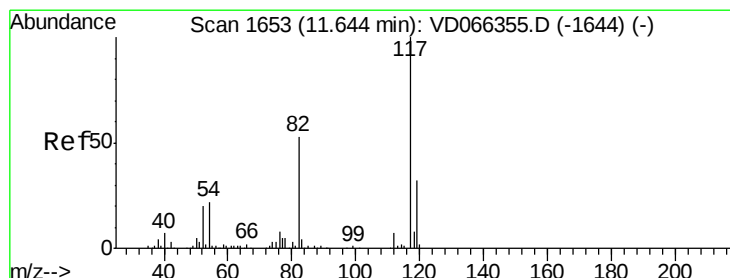
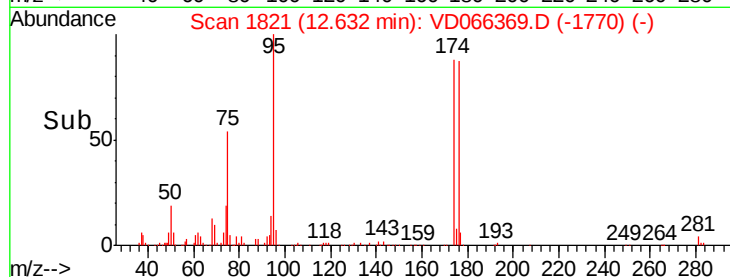
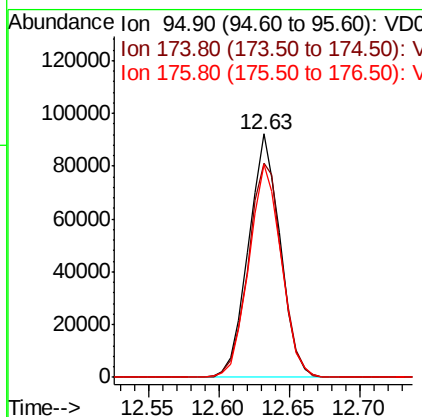
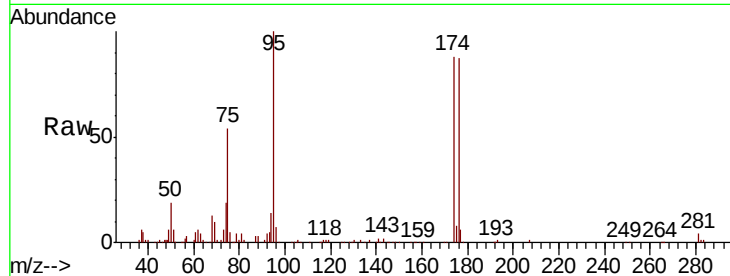




#62  
4-Bromofluorobenzene  
Concen: 58.537 ug/l  
RT: 12.63 min Scan# 1821  
Delta R.T. 0.00 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

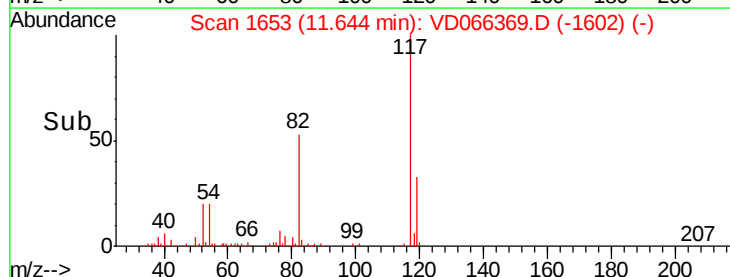
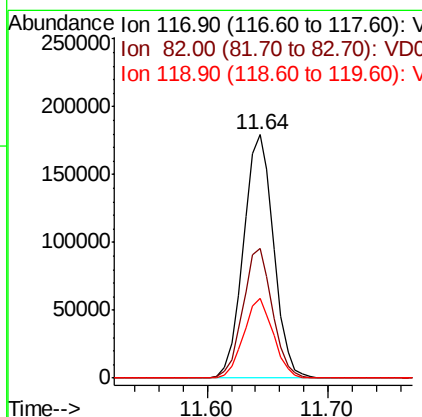
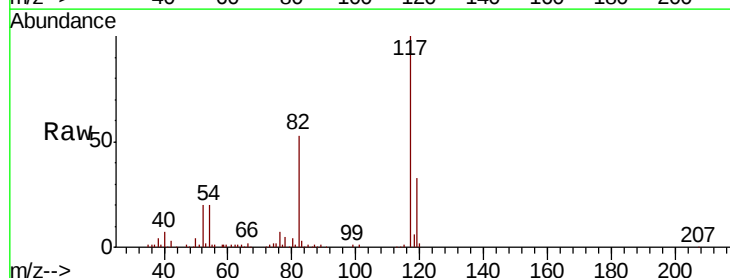
Instrument :  
MSVOA\_D  
ClientSampleId :  
EROC-BF-1A

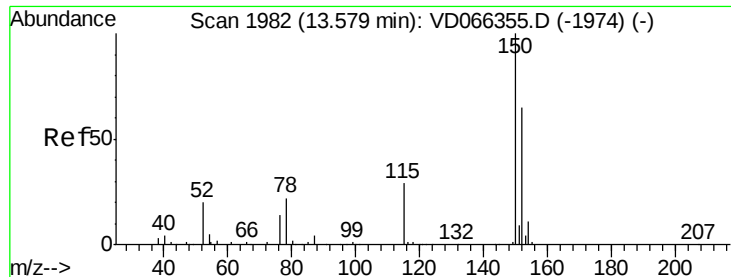
Tot Ion: 95 Resp: 145064  
Ion Ratio Lower Upper  
95 100  
174 93.6 0.0 183.4  
176 89.6 0.0 173.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066369.D  
Acq: 21 Aug 2020 19:41

Tgt Ion: 117 Resp: 312703  
Ion Ratio Lower Upper  
117 100  
82 53.3 42.8 64.2  
119 33.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066369.D

Acq: 21 Aug 2020 19:41

Instrument :

MSVOA\_D

ClientSampleId :

EROC-BF-1A

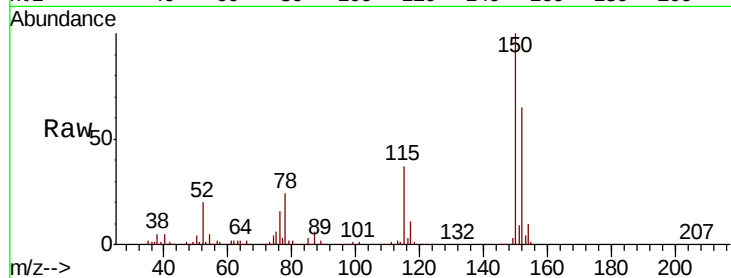
Tot Ion:152 Resp: 163179

Ion Ratio Lower Upper

152 100

115 56.9 28.3 85.0

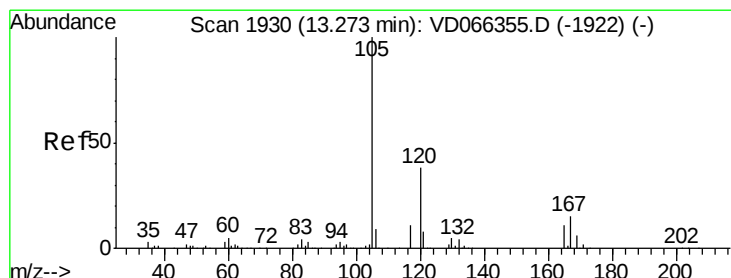
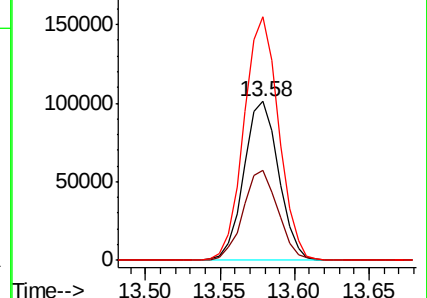
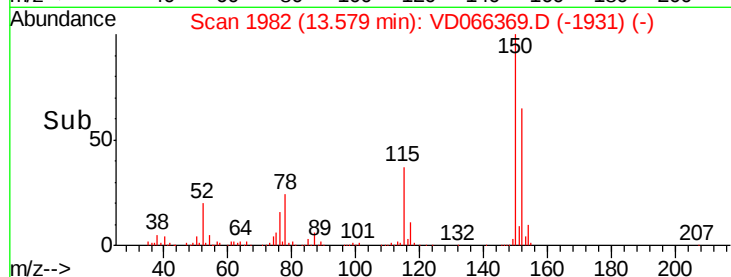
150 153.3 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 1.387 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066369.D

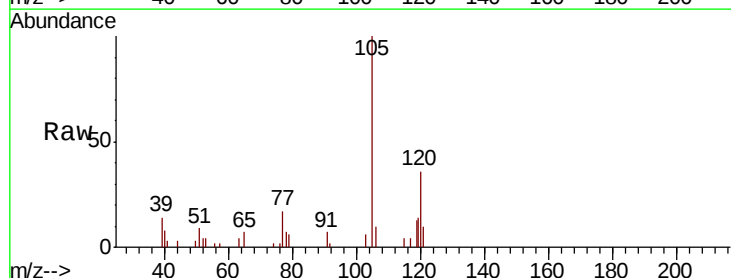
Acq: 21 Aug 2020 19:41

Tgt Ion:105 Resp: 12857

Ion Ratio Lower Upper

105 100

120 43.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

