

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090322\  
 Data File : VX031119.D  
 Acq On : 04 Sep 2022 06:18  
 Operator : JC/MD  
 Sample : N4479-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-12

Quant Time: Sep 06 01:32:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

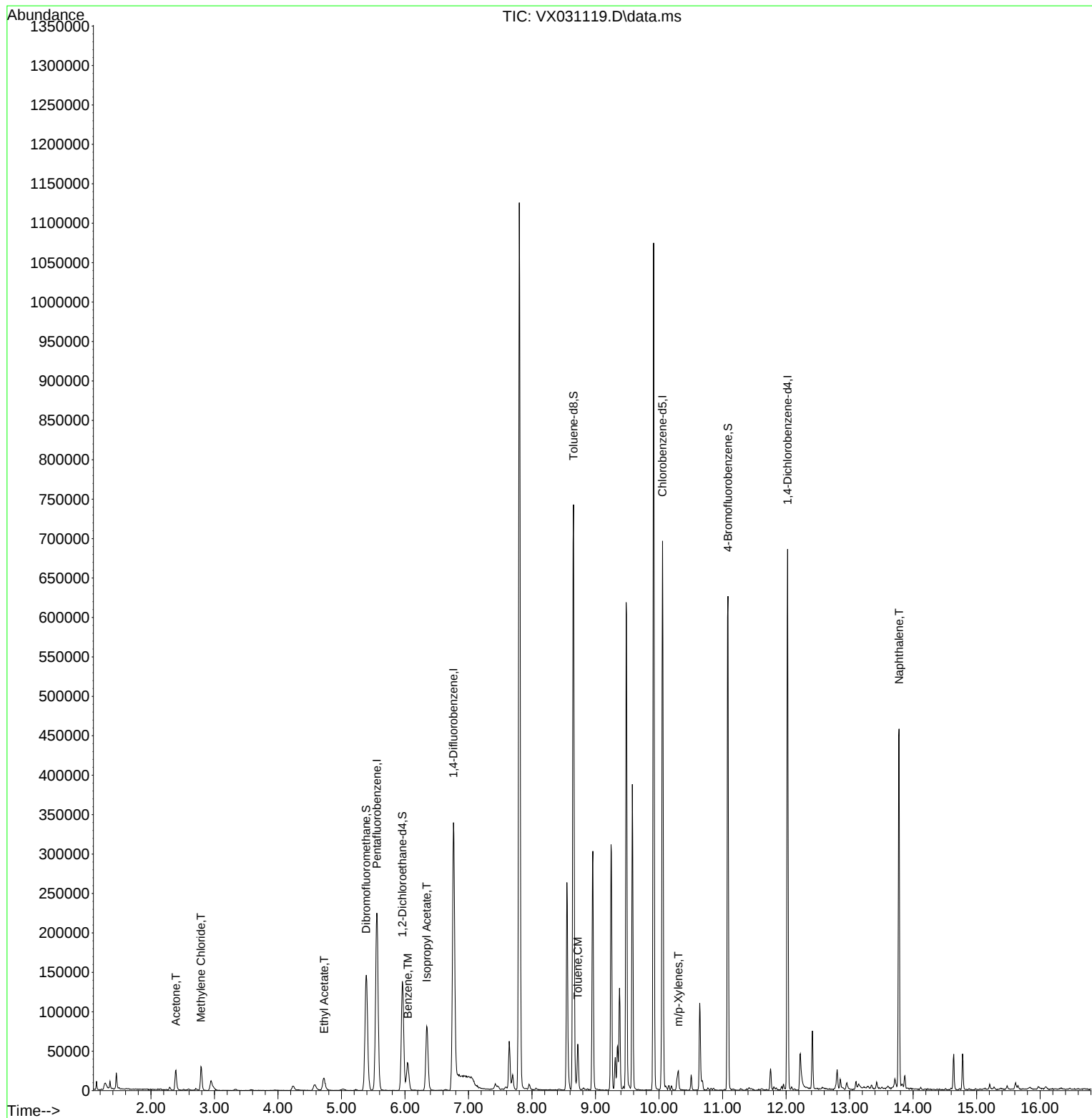
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 227889   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 361184   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 338109   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 155091   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 140154   | 47.798   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 95.600%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 133521   | 50.657   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 101.320% |
| 50) Toluene-d8              | 8.653  | 98    | 478225   | 49.298   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 98.600%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 170371   | 49.725   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 99.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 28080    | 24.806   | ug/l   | 90       |
| 20) Methylene Chloride      | 2.788  | 84    | 15333    | 3.530    | ug/l # | 83       |
| 37) Ethyl Acetate           | 4.727  | 43    | 26002    | 8.106    | ug/l # | 92       |
| 40) Benzene                 | 6.043  | 78    | 43666    | 4.119    | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 107931   | 21.528   | ug/l # | 93       |
| 52) Toluene                 | 8.720  | 92    | 20584    | 2.994    | ug/l   | 92       |
| 68) m/p-Xylenes             | 10.305 | 106   | 5594     | 1.031    | ug/l   | 99       |
| 95) Naphthalene             | 13.780 | 128   | 308154   | 21.921   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

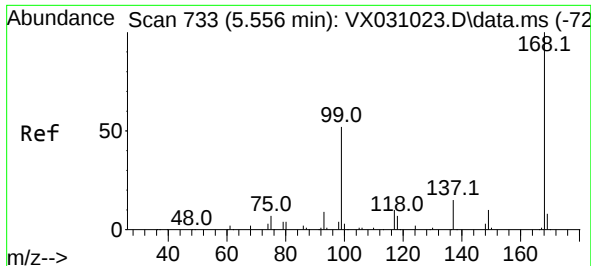
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Time: Sep 06 01:32:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
Response via : Initial Calibration

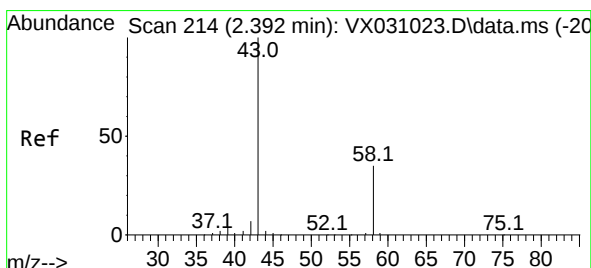
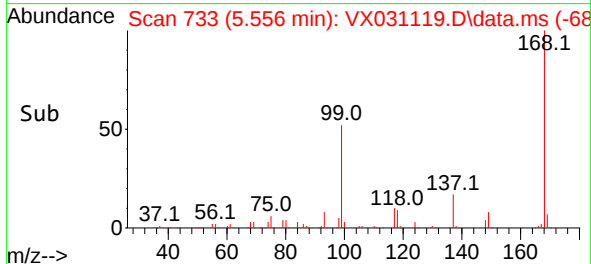
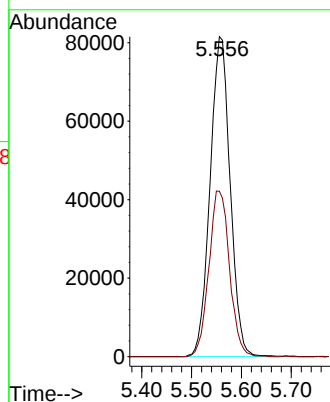
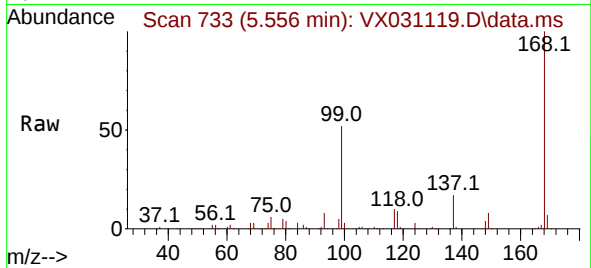




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

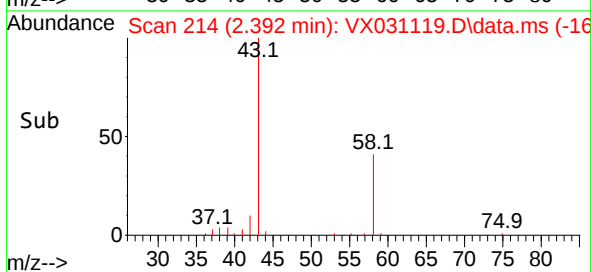
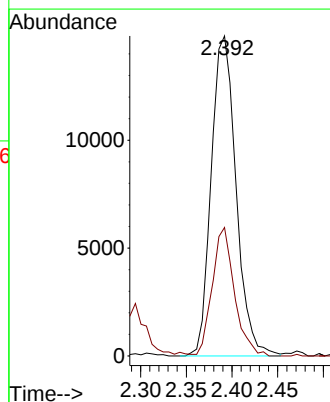
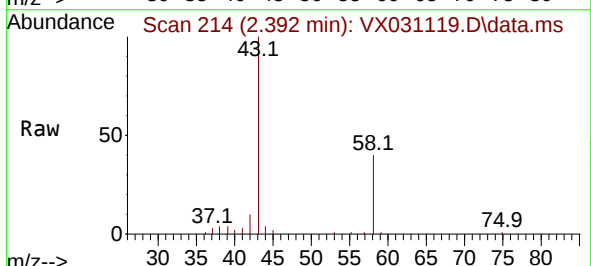
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

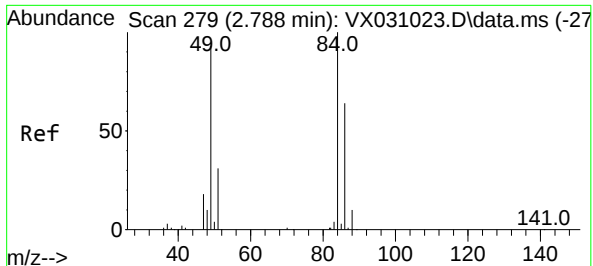
Tgt Ion:168 Resp: 227889  
Ion Ratio Lower Upper  
168 100  
99 51.7 44.0 66.0



#16  
Acetone  
Concen: 24.806 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion: 43 Resp: 28080  
Ion Ratio Lower Upper  
43 100  
58 40.1 27.7 41.5

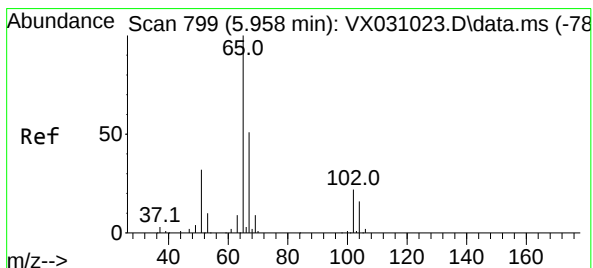
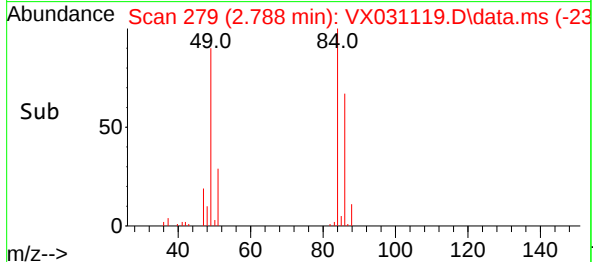
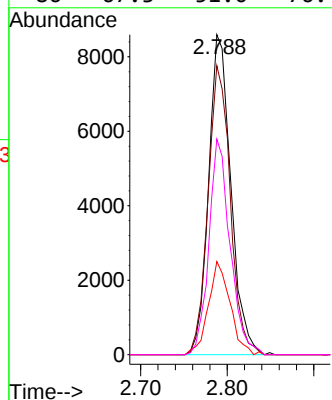
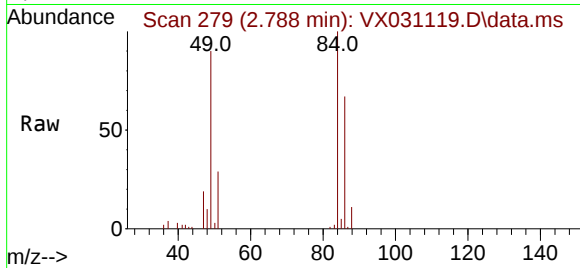




#20  
Methylene Chloride  
Concen: 3.530 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

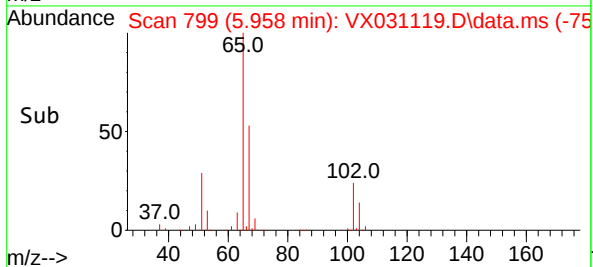
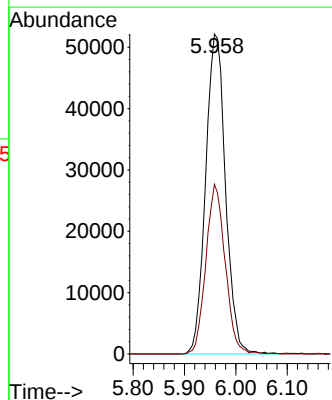
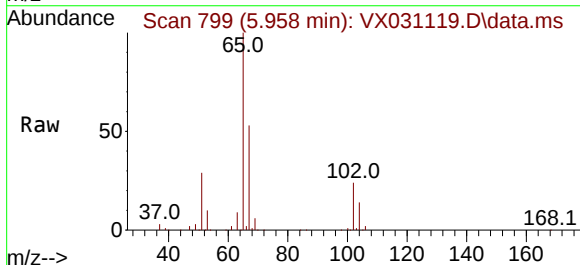
Instrument :  
MSVOA\_X  
ClientSampleId :  
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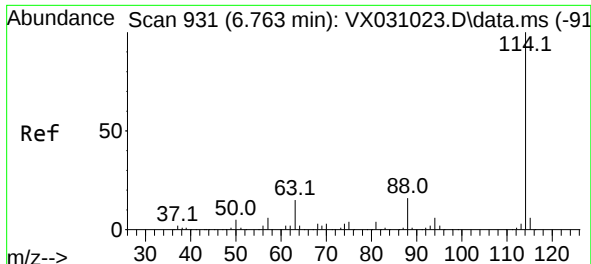
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 15333  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 90.3  | 93.8  | 140.6# |
| 51       | 29.1  | 29.4  | 44.0#  |
| 86       | 67.3  | 51.0  | 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 47.798 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 140154 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.3  | 0.0   | 109.6  |

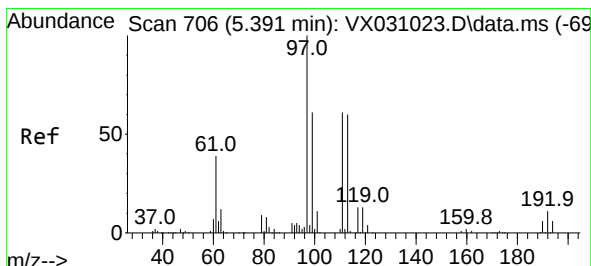
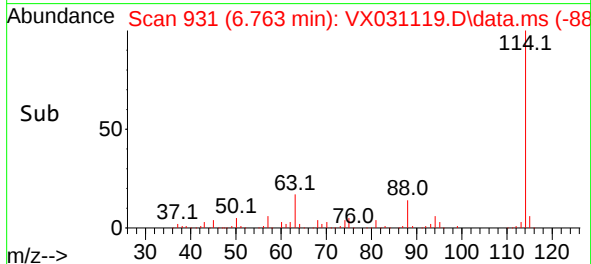
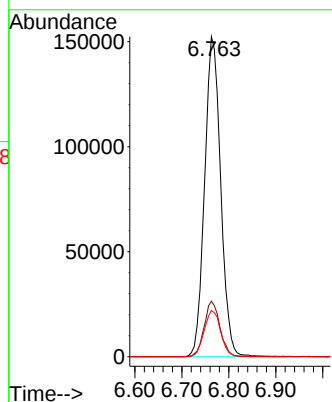
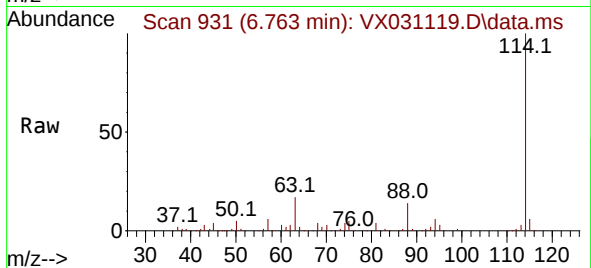




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

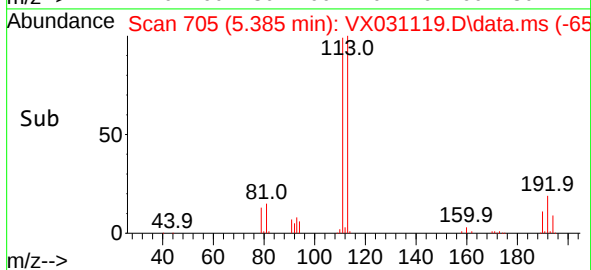
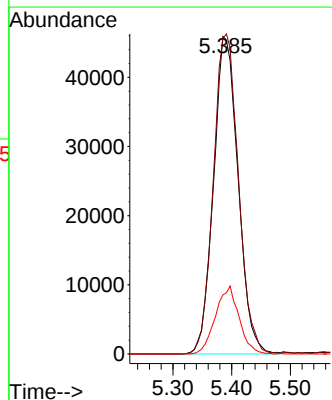
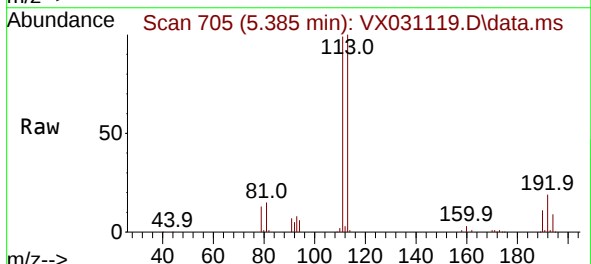
Instrument :  
MSVOA\_X  
ClientSampleId :  
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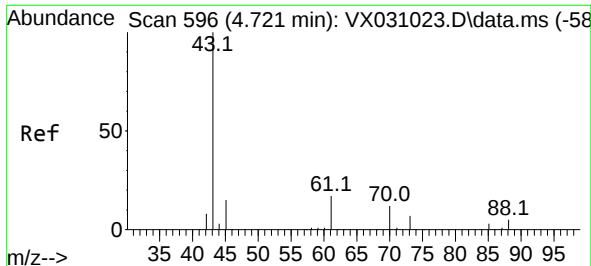
Tgt Ion:114 Resp: 361184  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 38.4  
88 14.5 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 50.657 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion:113 Resp: 133521  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.2 124.8  
192 20.4 14.8 22.2





#37

Ethyl Acetate

Concen: 8.106 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031119.D

Acq: 04 Sep 2022 06:18

Instrument :

MSVOA\_X

ClientSampleId :

SB-12

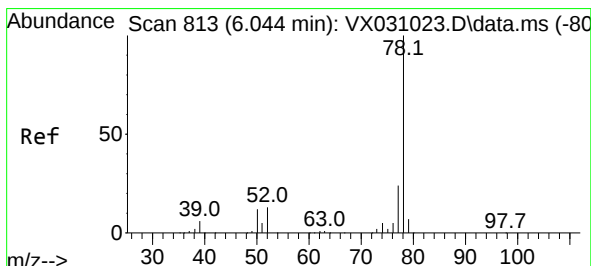
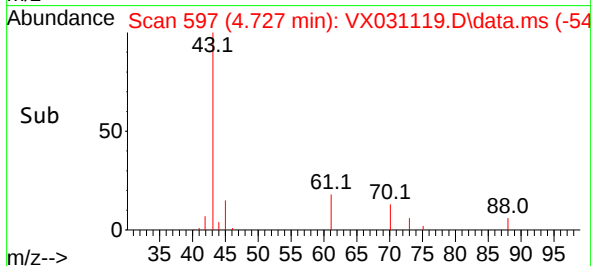
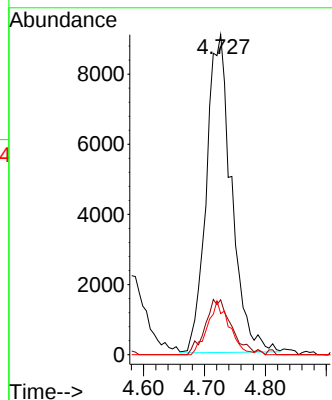
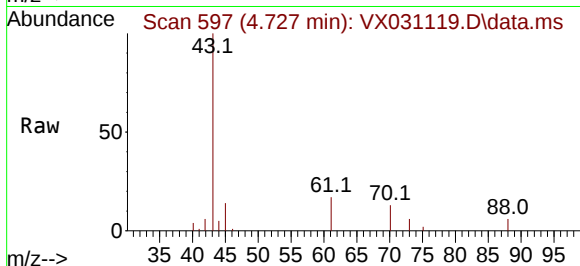
Tgt Ion: 43 Resp: 26002

Ion Ratio Lower Upper

43 100

61 18.3 11.7 17.5#

70 14.6 9.3 13.9#



#40

Benzene

Concen: 4.119 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031119.D

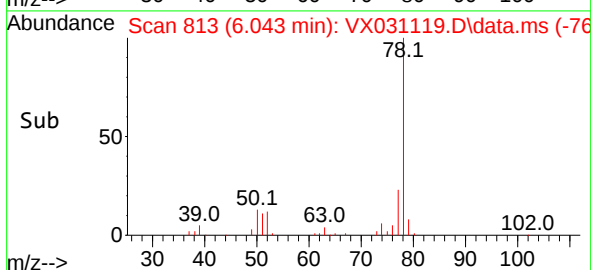
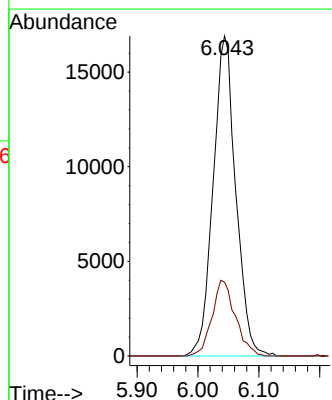
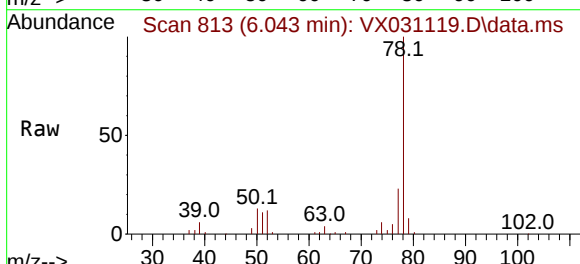
Acq: 04 Sep 2022 06:18

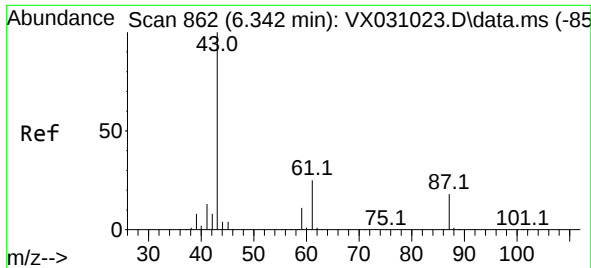
Tgt Ion: 78 Resp: 43666

Ion Ratio Lower Upper

78 100

77 23.1 18.0 27.0

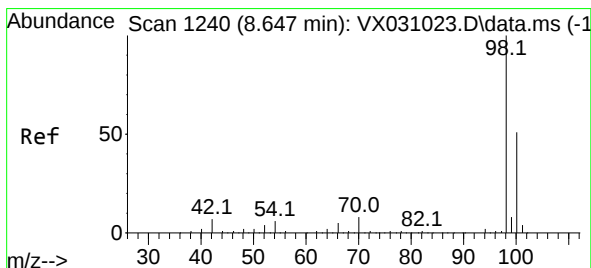
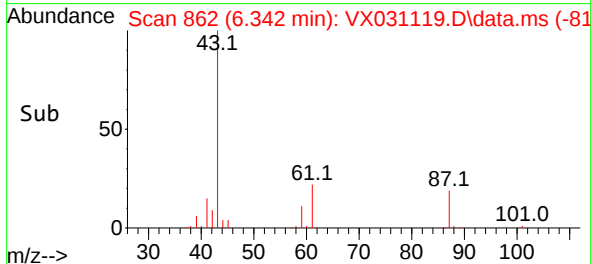
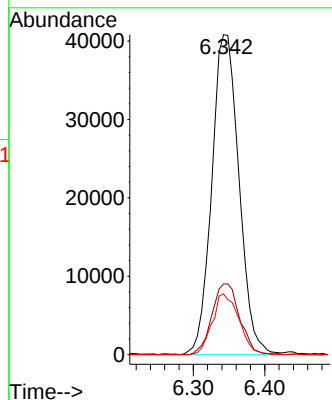
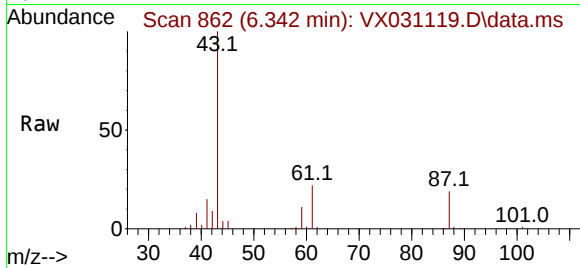




#43  
Isopropyl Acetate  
Concen: 21.528 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

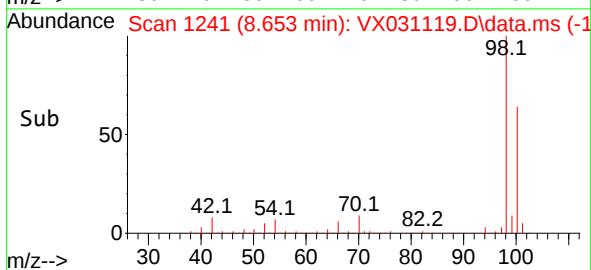
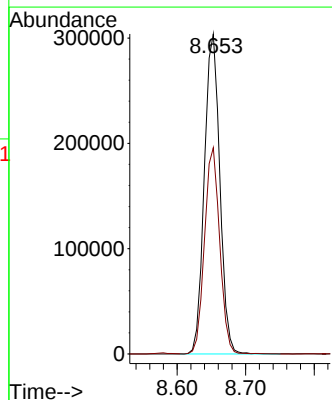
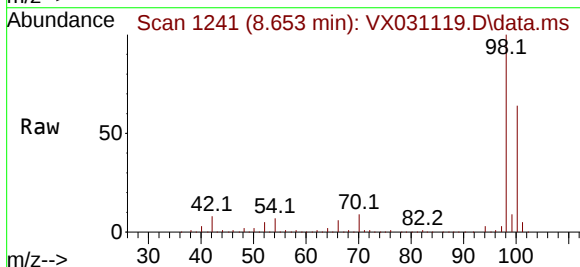
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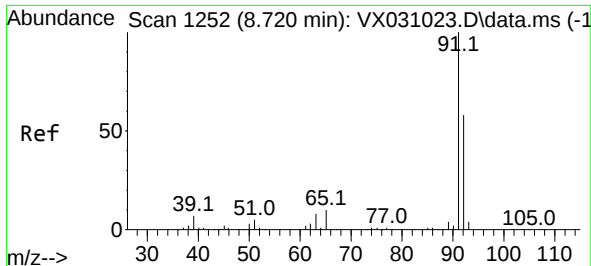
Tgt Ion: 43 Resp: 107931  
Ion Ratio Lower Upper  
43 100  
61 22.4 16.5 24.7  
87 18.6 11.1 16.7#



#50  
Toluene-d8  
Concen: 49.298 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion: 98 Resp: 478225  
Ion Ratio Lower Upper  
98 100  
100 63.3 52.3 78.5

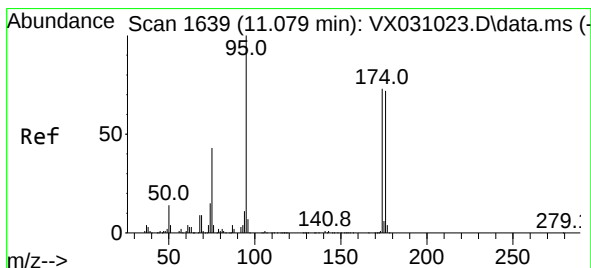
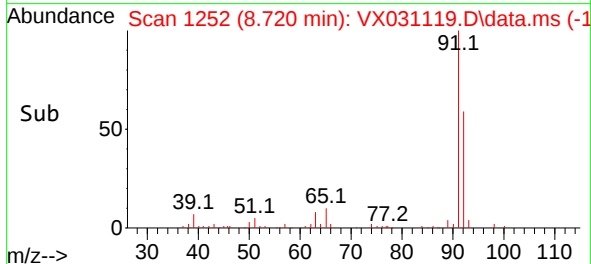
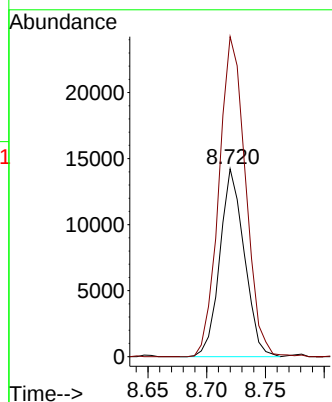
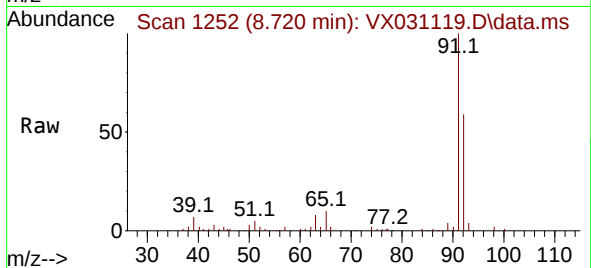




#52  
Toluene  
Concen: 2.994 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

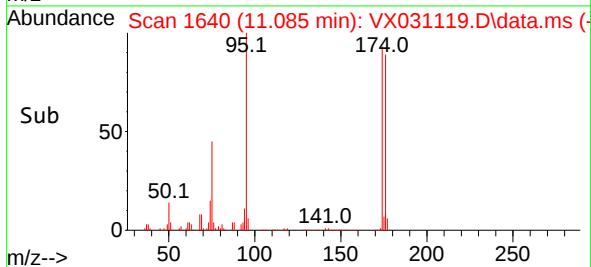
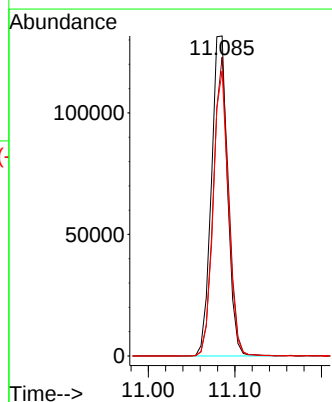
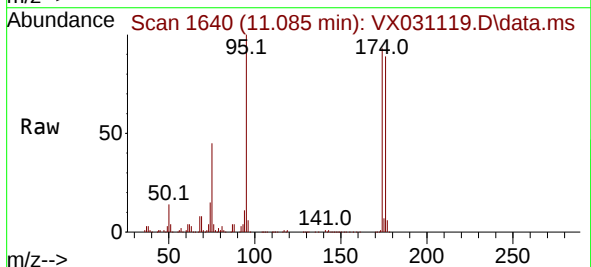
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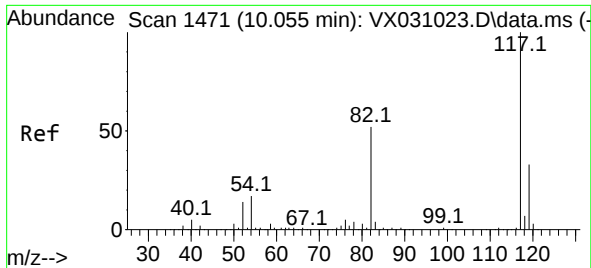
Tgt Ion: 92 Resp: 20584  
Ion Ratio Lower Upper  
92 100  
91 185.7 139.2 208.8



#62  
4-Bromofluorobenzene  
Concen: 49.725 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion: 95 Resp: 170371  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 149.0  
176 84.2 0.0 146.0

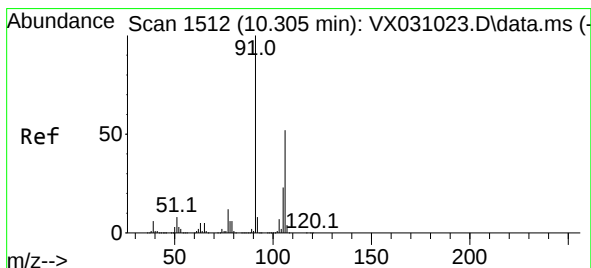
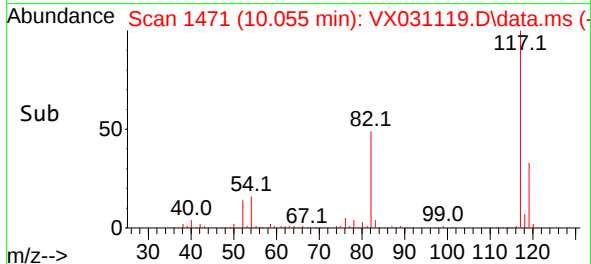
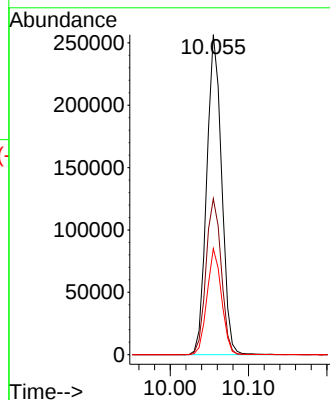
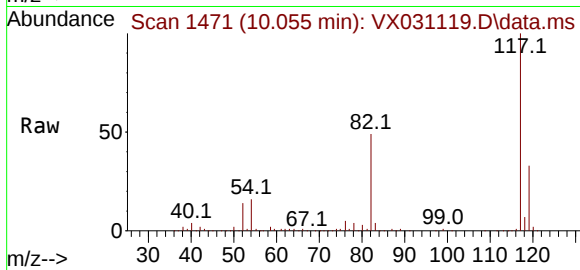




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

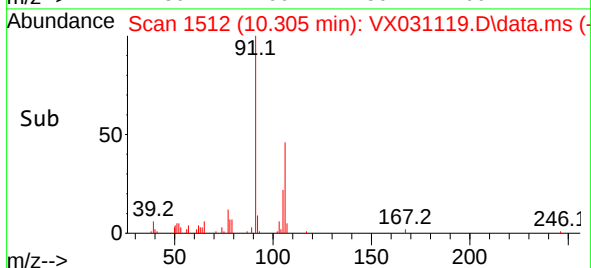
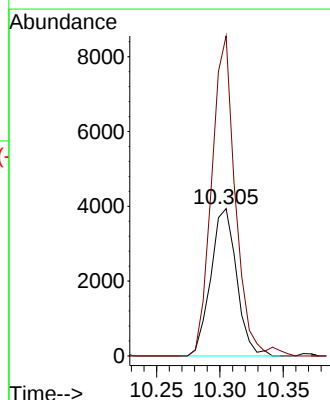
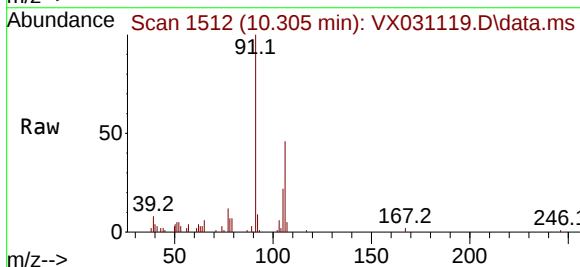
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

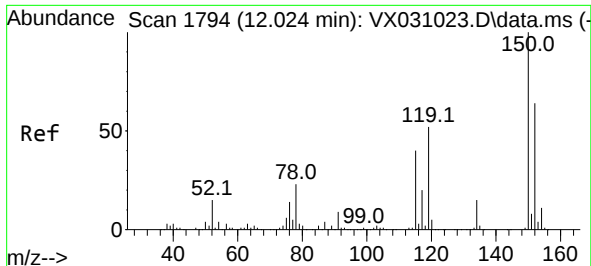
Tgt Ion:117 Resp: 338109  
Ion Ratio Lower Upper  
117 100  
82 48.8 42.7 64.1  
119 33.2 25.4 38.2



#68  
m/p-Xylenes  
Concen: 1.031 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion:106 Resp: 5594  
Ion Ratio Lower Upper  
106 100  
91 199.3 158.2 237.4

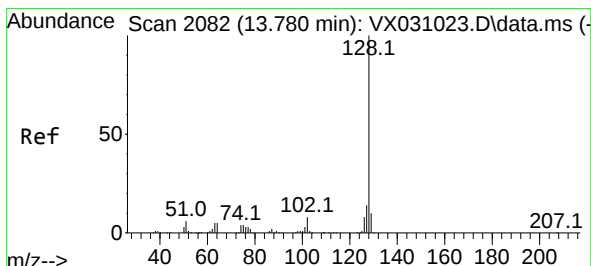
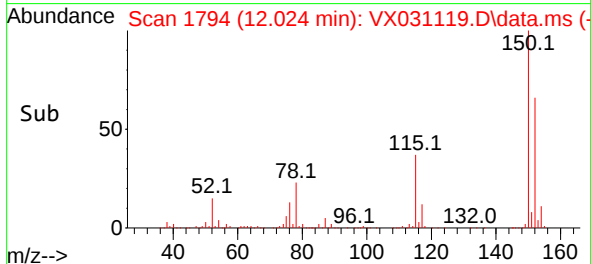
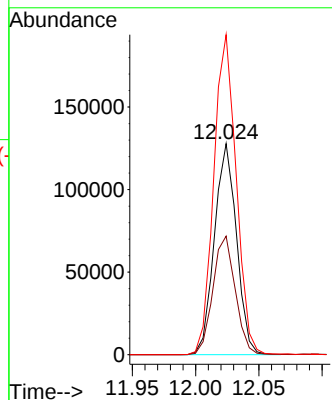
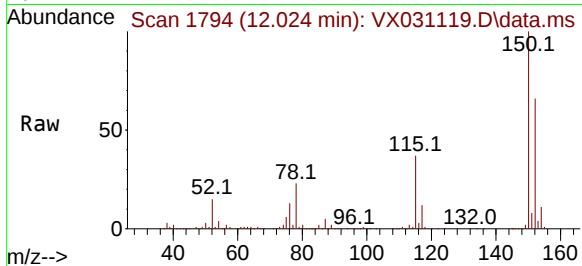




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

Tgt Ion:152 Resp: 155091  
Ion Ratio Lower Upper  
152 100  
115 57.0 40.5 121.5  
150 154.4 0.0 347.0



#95  
Naphthalene  
Concen: 21.921 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX031119.D  
Acq: 04 Sep 2022 06:18

Tgt Ion:128 Resp: 308154  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 11.1 8.6 13.0

