

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110124\  
 Data File : VX043660.D  
 Acq On : 01 Nov 2024 13:04  
 Operator : JC/MD  
 Sample : VIBLK 2  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 04 06:12:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

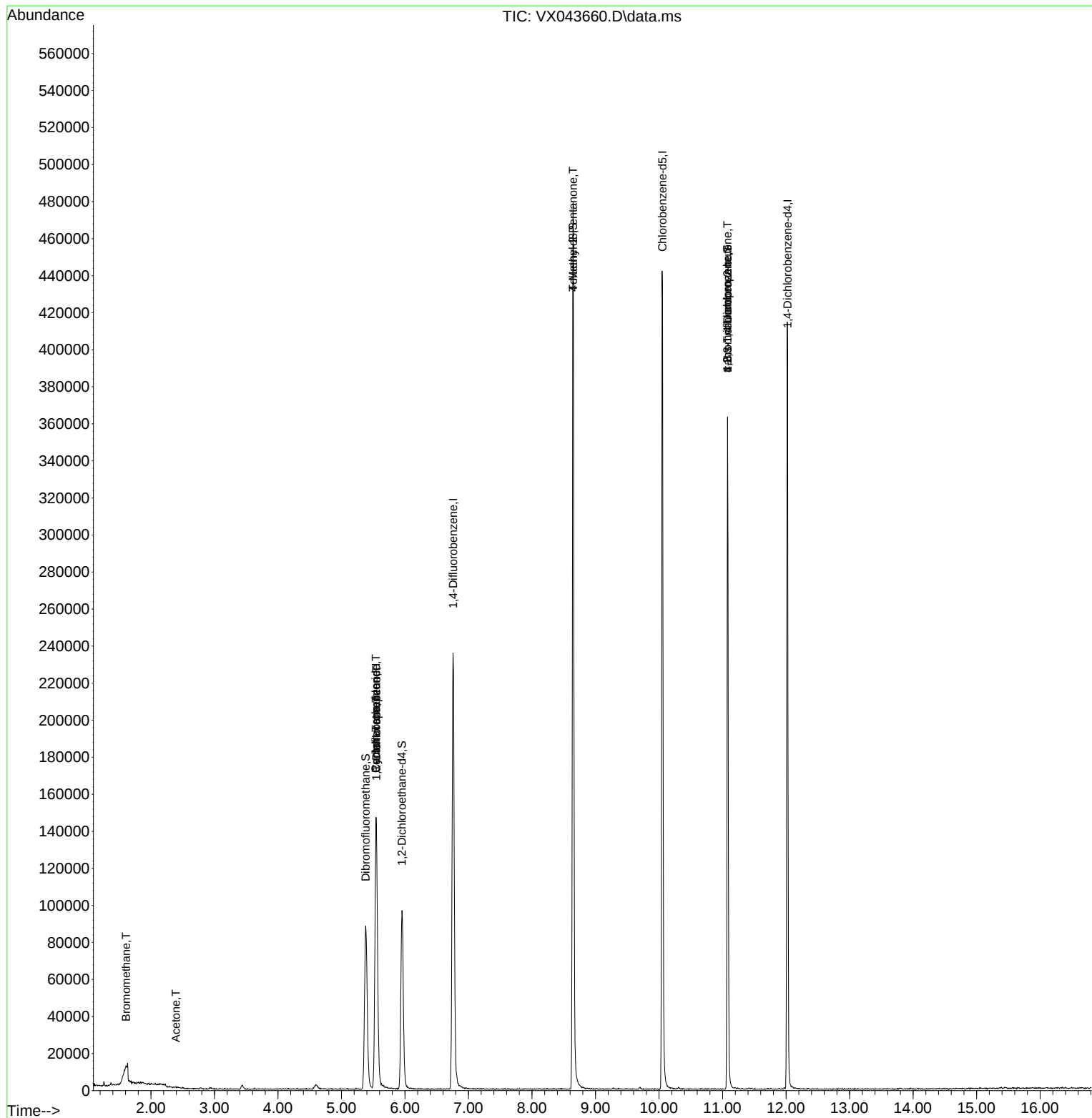
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.544  | 168   | 143988   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 257305   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 222412   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 90893    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 94204    | 41.031   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 82.060%  |
| 35) Dibromofluoromethane      | 5.379  | 113   | 81788    | 46.876   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 93.760%  |
| 50) Toluene-d8                | 8.647  | 98    | 305013   | 50.501   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 101.000% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 101577   | 45.386   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | =      | 90.780%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Bromomethane               | 1.605  | 94    | 312      | 0.419    | ug/l # | 43       |
| 16) Acetone                   | 2.392  | 43    | 320      | 0.351    | ug/l   | 93       |
| 31) Cyclohexane               | 5.544  | 56    | 2619     | 1.080    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 10340    | 4.998    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 14463    | 6.327    | ug/l # | 18       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1017     | 0.402    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 48540    | 24.977   | ug/l # | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 48540    | 68.712   | ug/l # | 7        |
| -----                         |        |       |          |          |        |          |

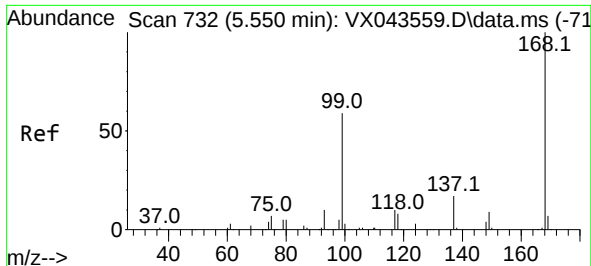
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :

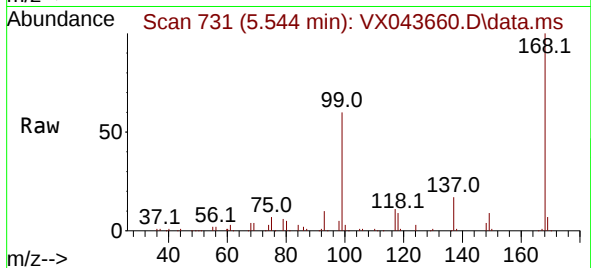
Quant Time: Nov 04 06:12:06 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration



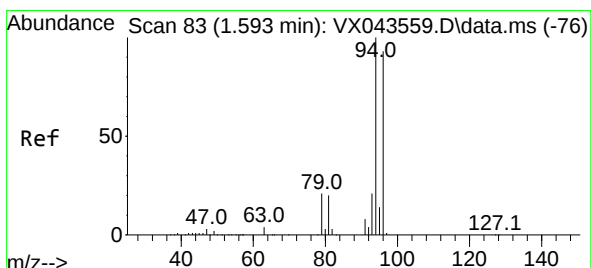
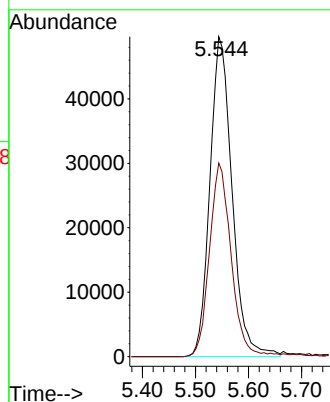
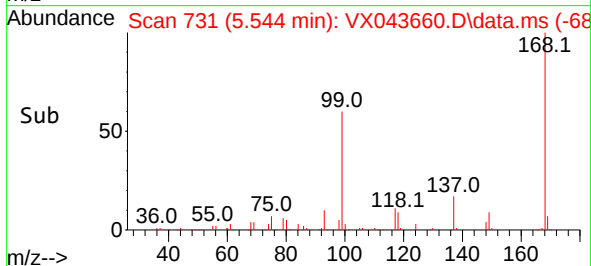


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Instrument :  
MSVOA\_X  
ClientSampleId :

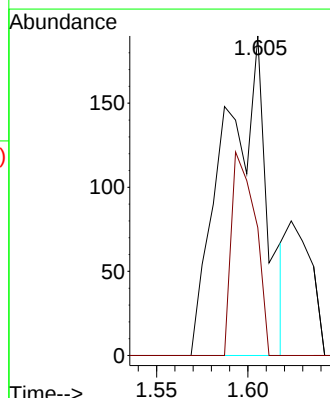
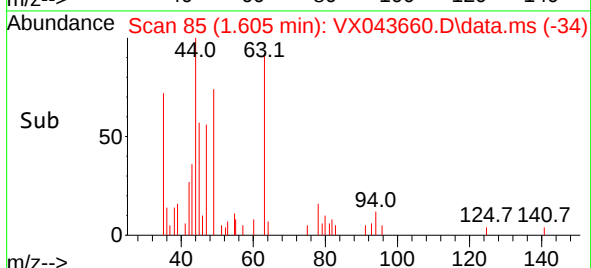
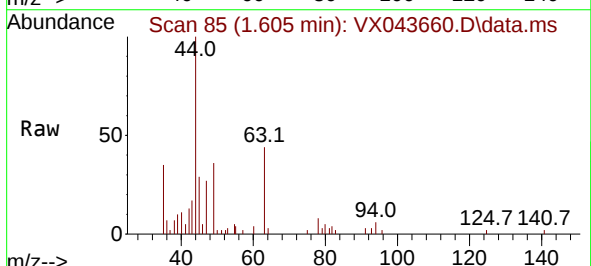


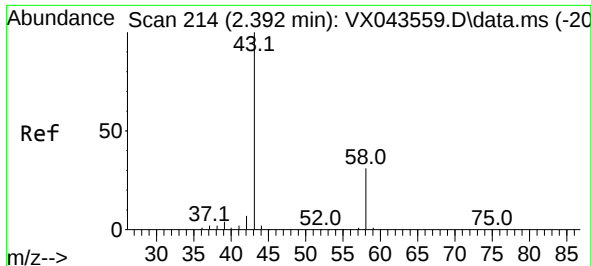
Tgt Ion:168 Resp: 143988  
Ion Ratio Lower Upper  
168 100  
99 60.5 52.6 78.8



#5  
Bromomethane  
Concen: 0.419 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.012 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

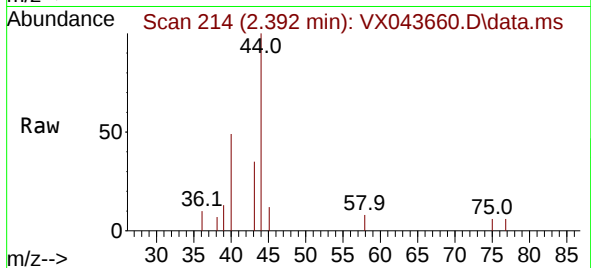
Tgt Ion: 94 Resp: 312  
Ion Ratio Lower Upper  
94 100  
96 40.0 75.9 113.9#



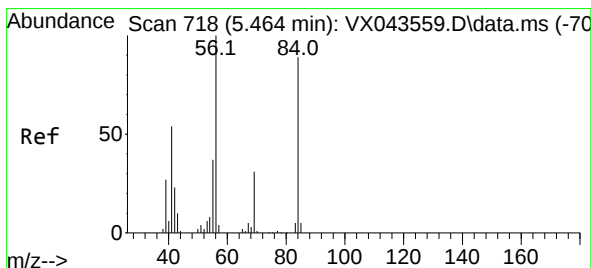
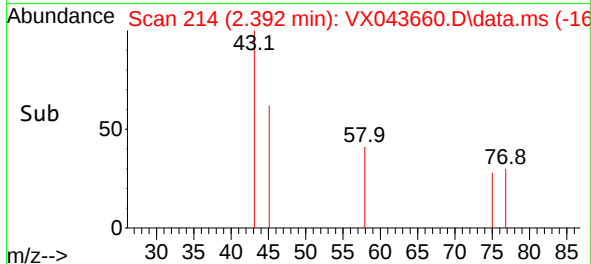
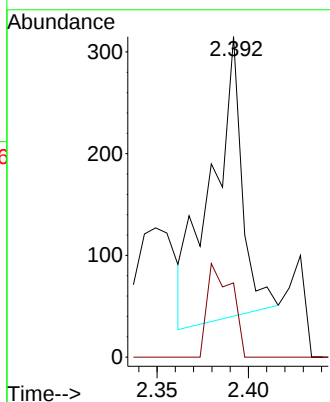


#16  
Acetone  
Concen: 0.351 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Instrument :  
MSVOA\_X  
ClientSampleId :

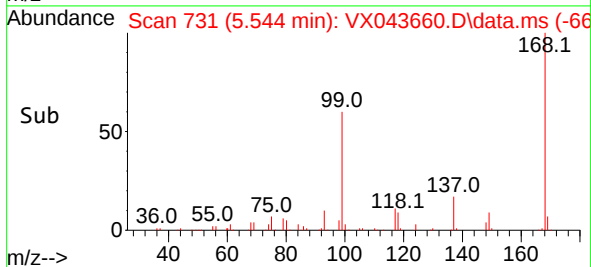
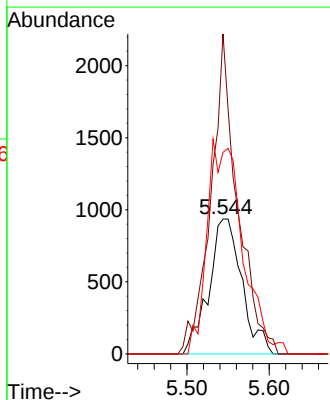
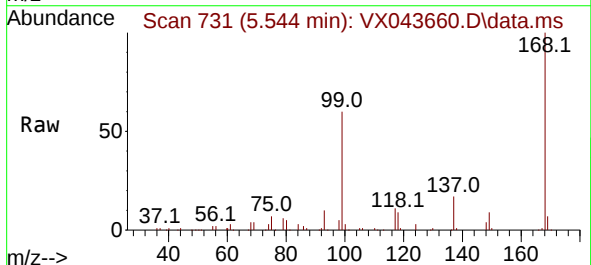


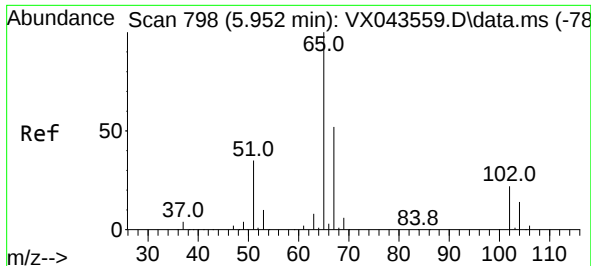
Tgt Ion: 43 Resp: 320  
Ion Ratio Lower Upper  
43 100  
58 27.7 25.1 37.7



#31  
Cyclohexane  
Concen: 1.080 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.086 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Tgt Ion: 56 Resp: 2619  
Ion Ratio Lower Upper  
56 100  
69 237.2 24.9 37.3#  
84 149.4 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 41.031 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043660.D

Acq: 01 Nov 2024 13:04

Instrument :

MSVOA\_X

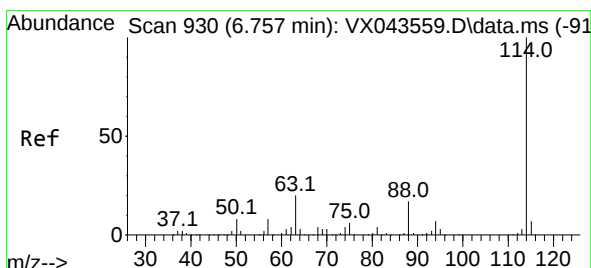
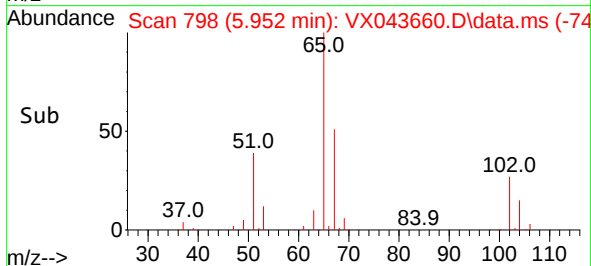
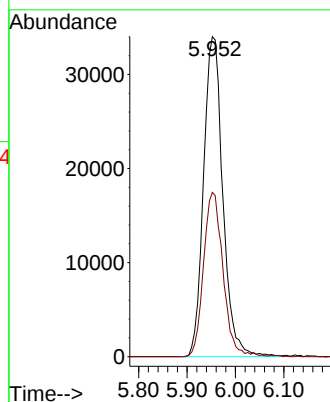
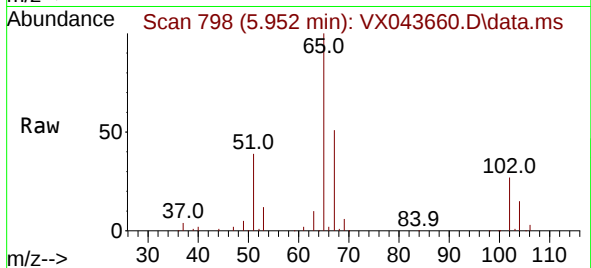
ClientSampleId :

Tgt Ion: 65 Resp: 94204

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043660.D

Acq: 01 Nov 2024 13:04

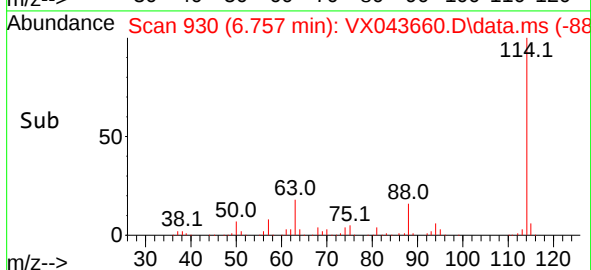
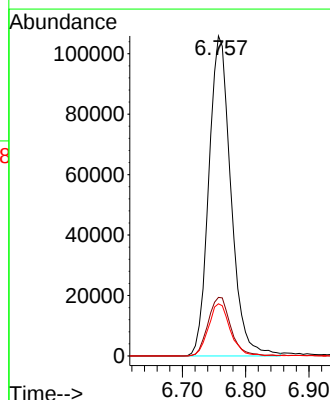
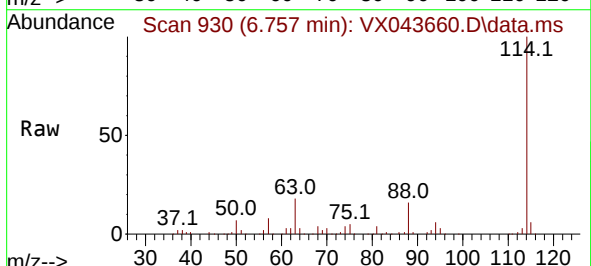
Tgt Ion: 114 Resp: 257305

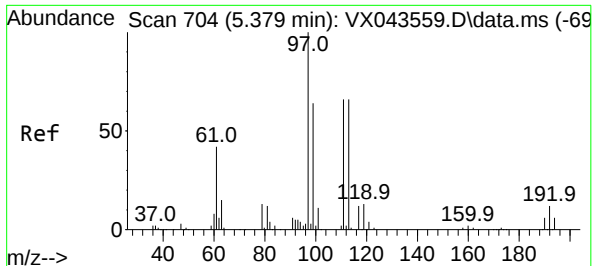
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.2

88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.876 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

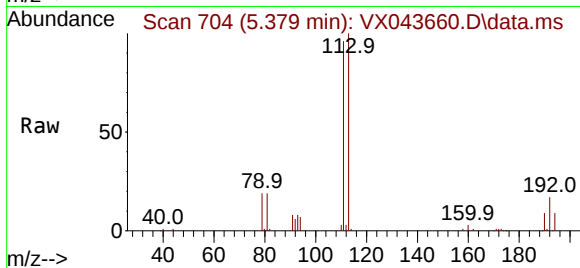
Lab File: VX043660.D

Acq: 01 Nov 2024 13:04

Instrument :

MSVOA\_X

ClientSampleId :



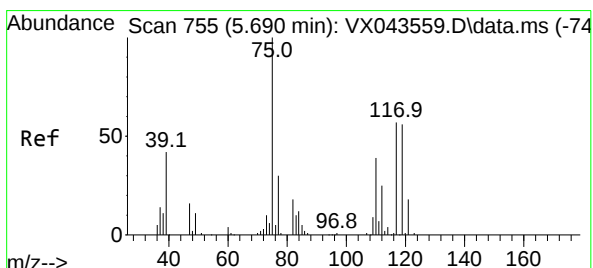
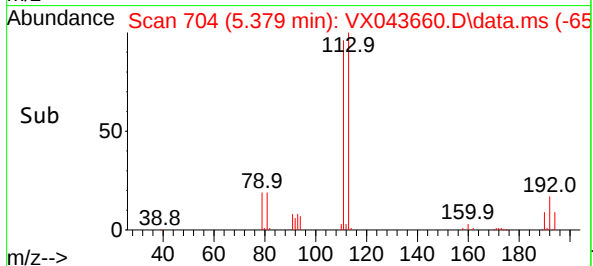
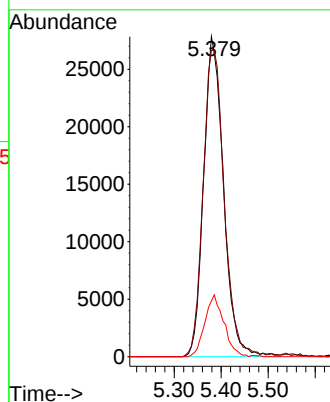
Tgt Ion:113 Resp: 81788

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 18.5 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.998 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043660.D

Acq: 01 Nov 2024 13:04

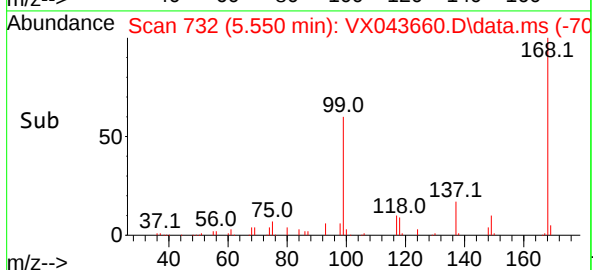
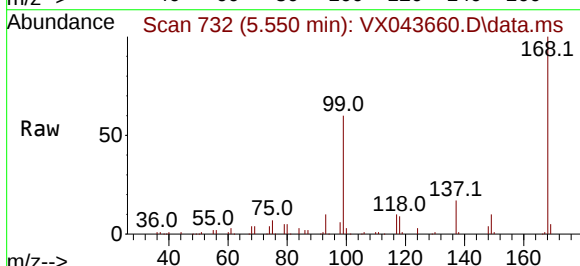
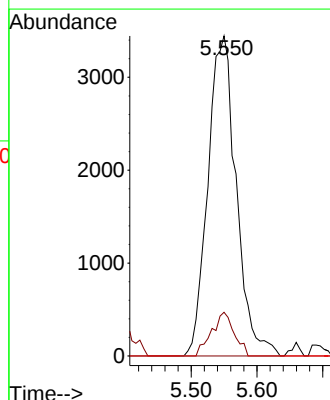
Tgt Ion: 75 Resp: 10340

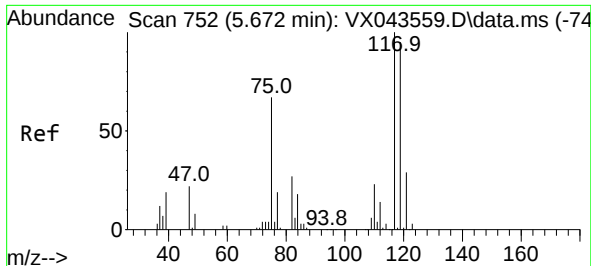
Ion Ratio Lower Upper

75 100

110 10.9 17.9 53.7#

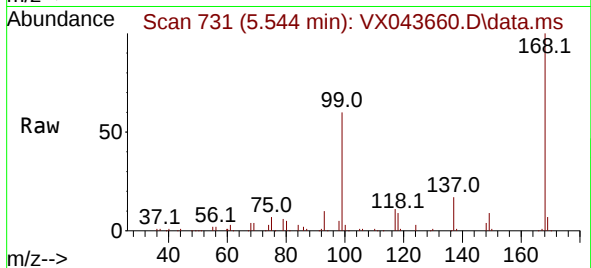
77 0.0 25.0 37.4#



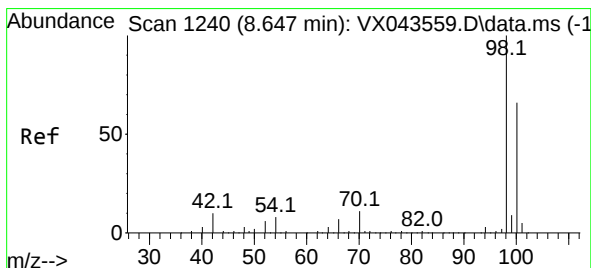
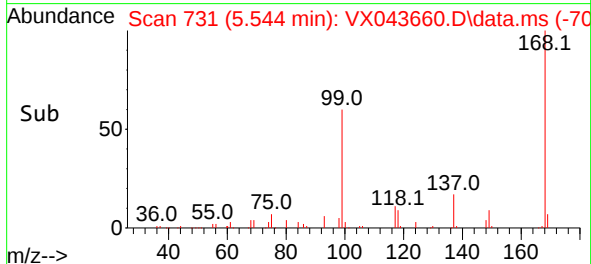
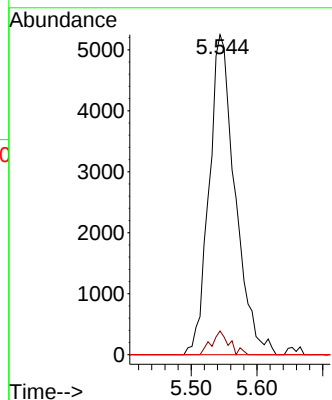


#38  
Carbon Tetrachloride  
Concen: 6.327 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Instrument :  
MSVOA\_X  
ClientSampleId :

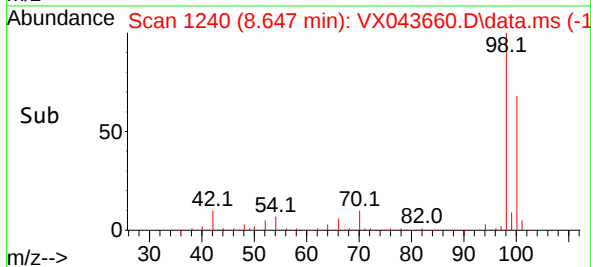
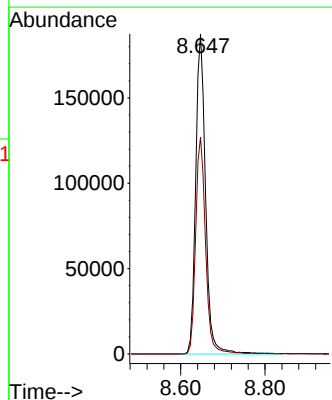
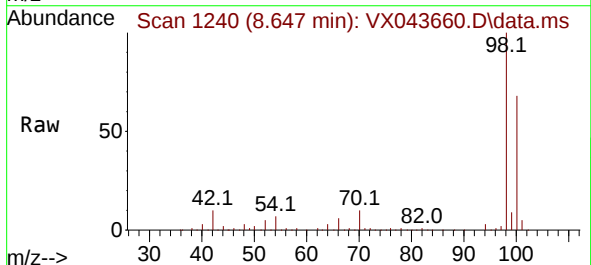


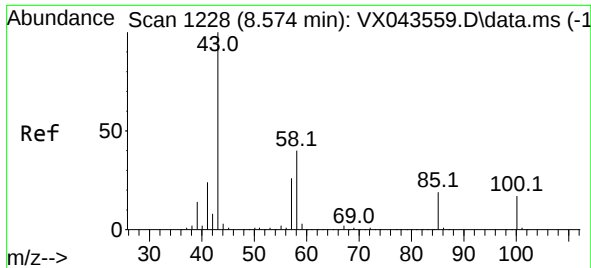
Tgt Ion:117 Resp: 14463  
Ion Ratio Lower Upper  
117 100  
119 7.4 77.0 115.6#  
121 0.0 24.7 37.1#



#50  
Toluene-d8  
Concen: 50.501 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Tgt Ion: 98 Resp: 305013  
Ion Ratio Lower Upper  
98 100  
100 68.0 53.4 80.2

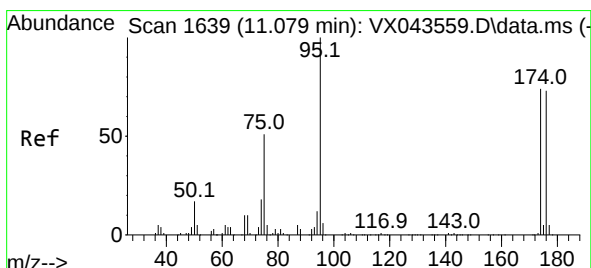
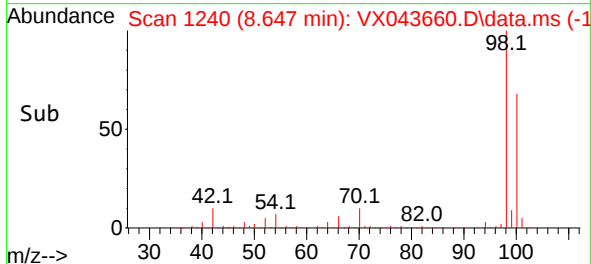
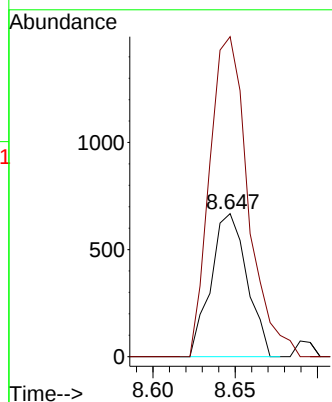
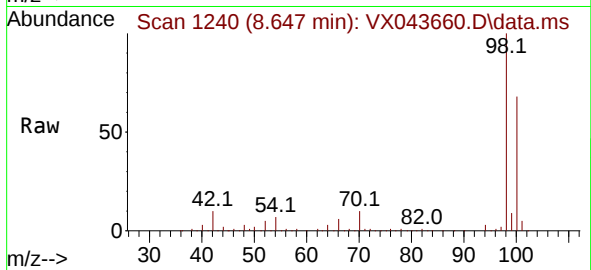




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.402 ug/l  
 RT: 8.647 min Scan# 11  
 Delta R.T. 0.067 min  
 Lab File: VX043660.D  
 Acq: 01 Nov 2024 13:04

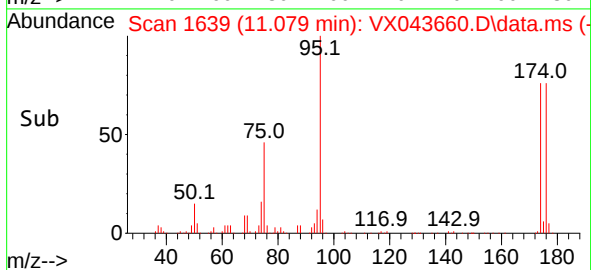
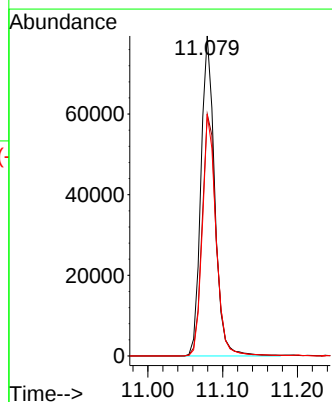
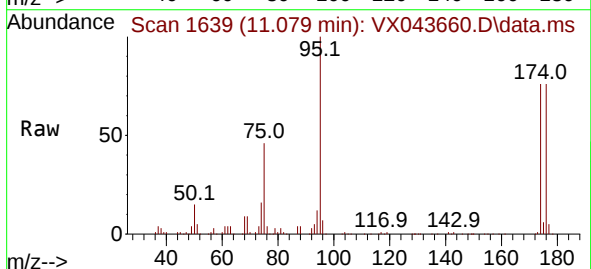
Instrument :  
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 ClientSampleId :

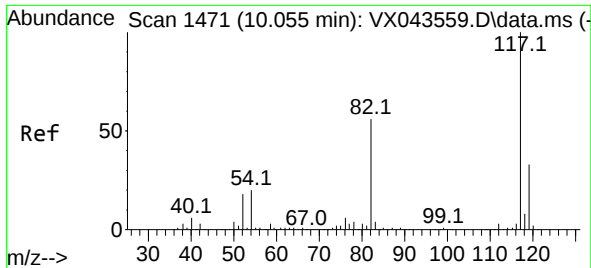
Tgt Ion: 43 Resp: 1017  
 Ion Ratio Lower Upper  
 43 100  
 58 239.5 31.7 47.5#



#62  
 4-Bromofluorobenzene  
 Concen: 45.386 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX043660.D  
 Acq: 01 Nov 2024 13:04

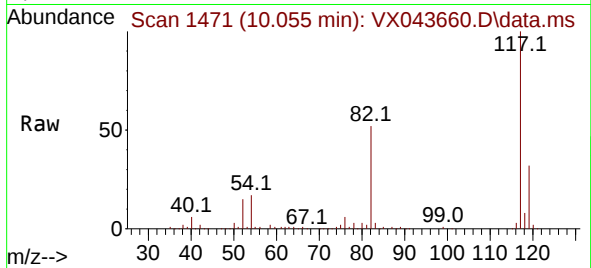
Tgt Ion: 95 Resp: 101577  
 Ion Ratio Lower Upper  
 95 100  
 174 77.3 0.0 146.6  
 176 75.2 0.0 139.6



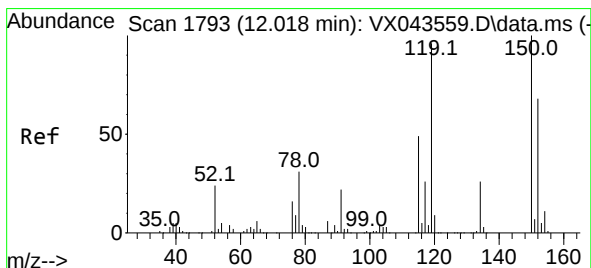
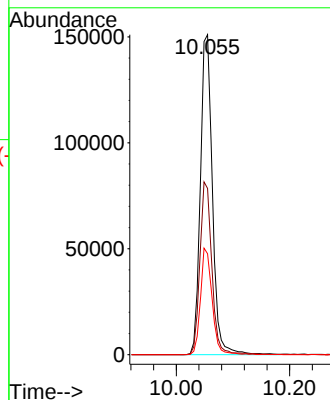
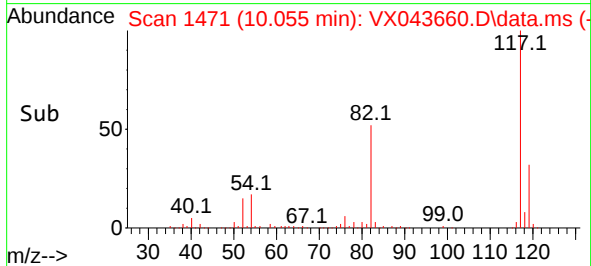


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Instrument :  
MSVOA\_X  
ClientSampleId :

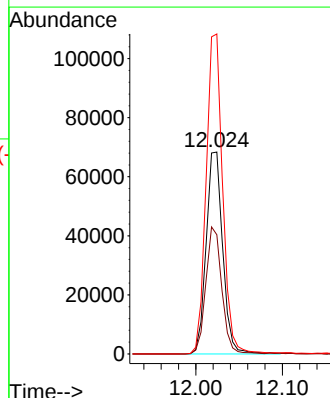
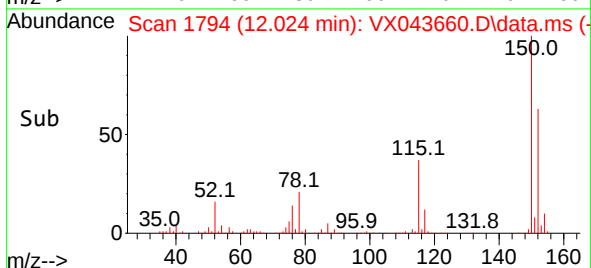
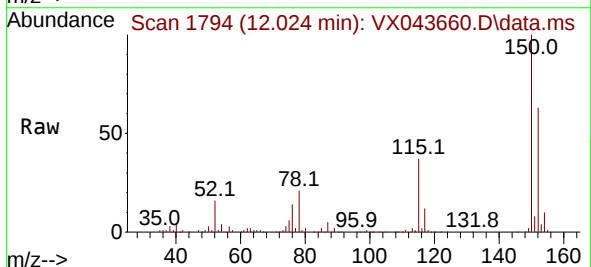


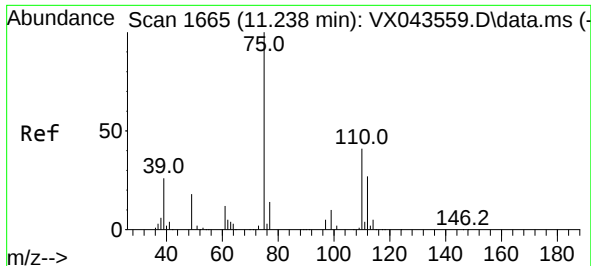
Tgt Ion:117 Resp: 222412  
Ion Ratio Lower Upper  
117 100  
82 51.9 42.1 63.1  
119 31.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Tgt Ion:152 Resp: 90893  
Ion Ratio Lower Upper  
152 100  
115 60.7 42.9 128.7  
150 158.8 0.0 343.6

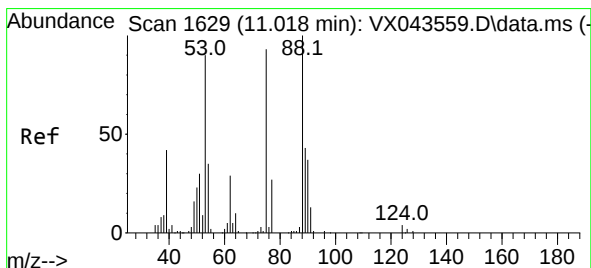
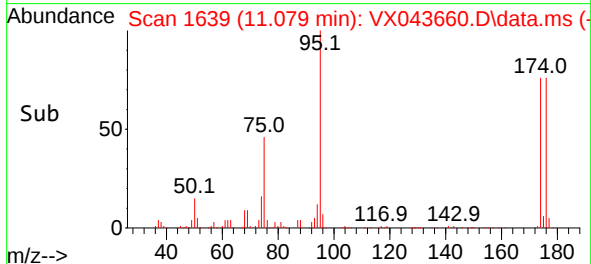
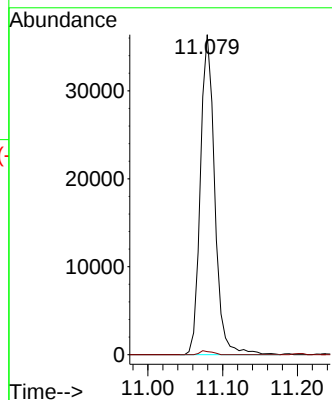
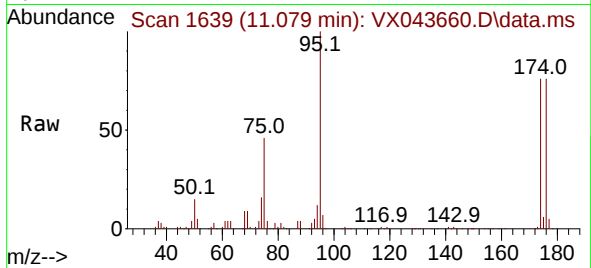




#76  
1,2,3-Trichloropropane  
Concen: 24.977 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 48540  
Ion Ratio Lower Upper  
75 100  
77 1.0 22.4 67.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.712 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX043660.D  
Acq: 01 Nov 2024 13:04

Tgt Ion: 75 Resp: 48540  
Ion Ratio Lower Upper  
75 100  
53 0.0 84.6 126.8#  
89 0.1 38.6 58.0#

