

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103122\  
 Data File : VX032487.D  
 Acq On : 31 Oct 2022 14:57  
 Operator : JC/MD  
 Sample : N5381-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 265393-8

Quant Time: Nov 01 05:10:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

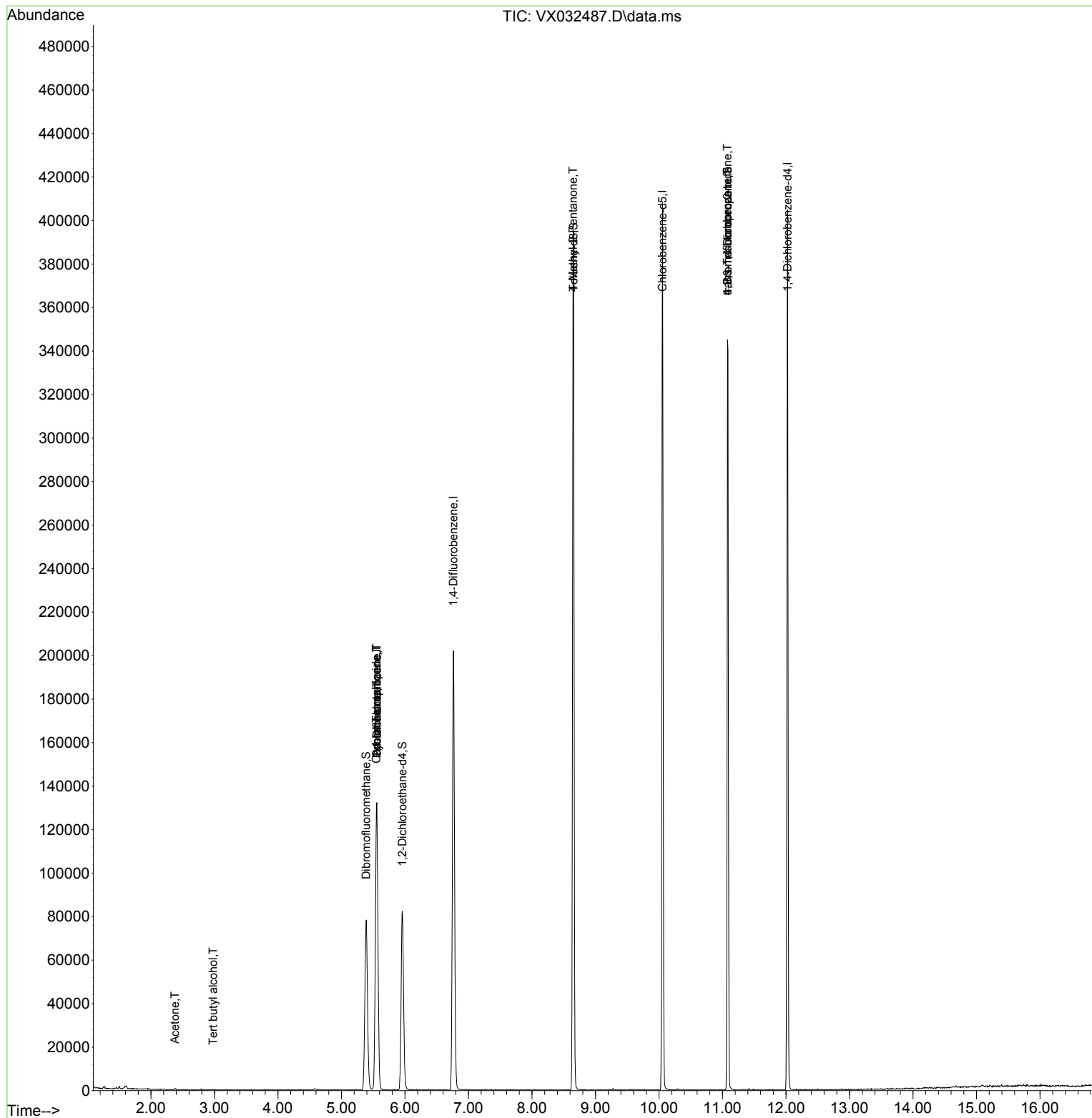
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 125469     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 202171     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 175946     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 81070      | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 82633      | 47.399  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 94.800% |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 66121      | 45.850  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 91.700% |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 237712     | 47.405  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 94.800% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 90365      | 46.133  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.260% |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 11) Tert butyl alcohol        | 2.977          | 59   | 181        | 0.713   | ug/l # | 72       |
| 16) Acetone                   | 2.380          | 43   | 761        | 1.201   | ug/l   | 95       |
| 31) Cyclohexane               | 5.556          | 56   | 2656       | 1.257   | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 9468       | 4.715   | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 12989      | 5.832   | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 1055       | 0.522   | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 49619      | 27.511  | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 49619      | 87.541  | ug/l # | 6        |
| -----                         |                |      |            |         |        |          |

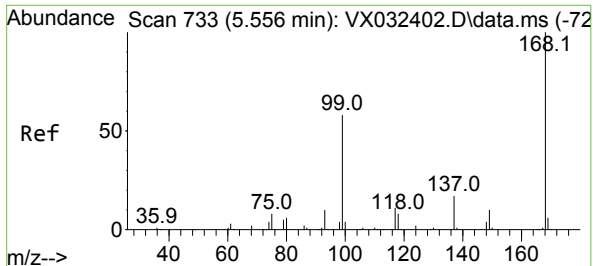
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 08:28:06 2022  
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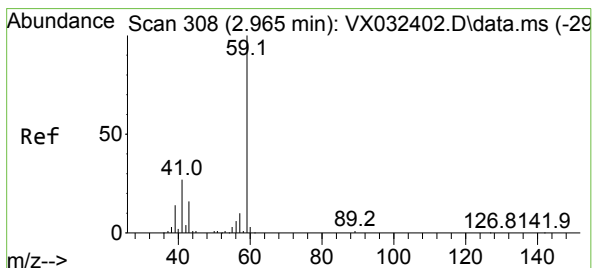
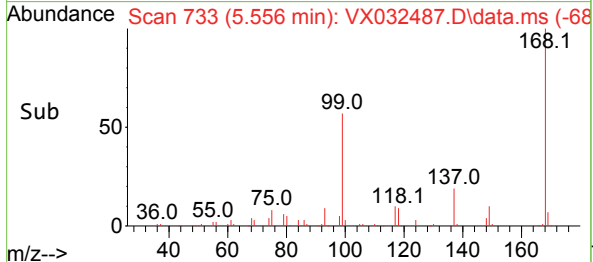
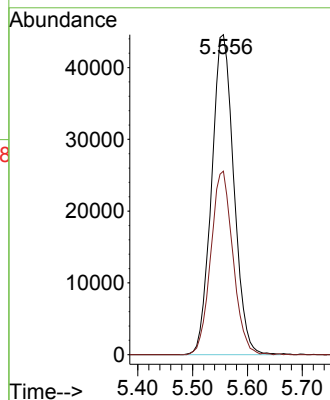
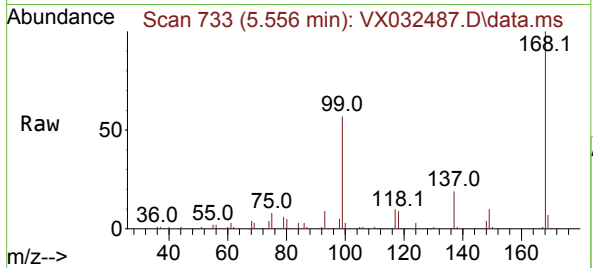




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

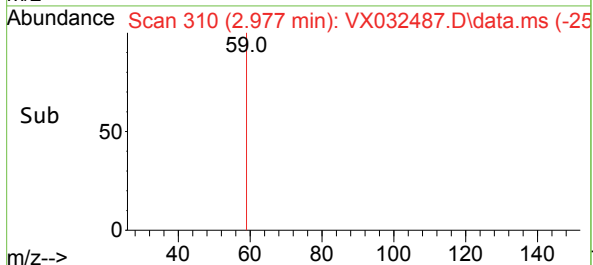
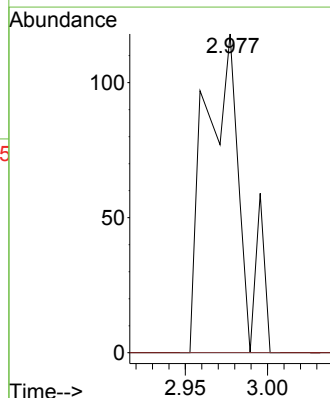
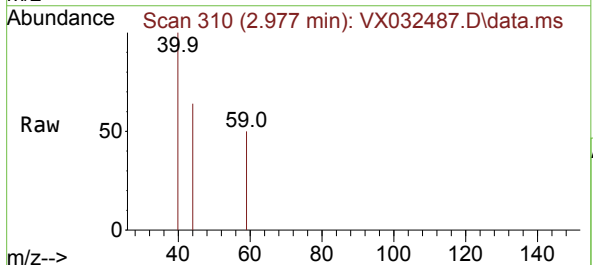
Instrument :  
MSVOA\_X  
ClientSampleId :  
265393-8

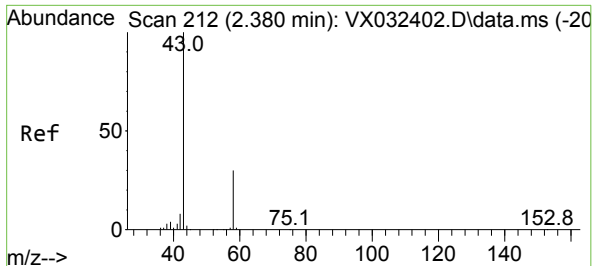
Tgt Ion:168 Resp: 125469  
Ion Ratio Lower Upper  
168 100  
99 57.3 46.1 69.1



#11  
Tert butyl alcohol  
Concen: 0.713 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.012 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Tgt Ion: 59 Resp: 181  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

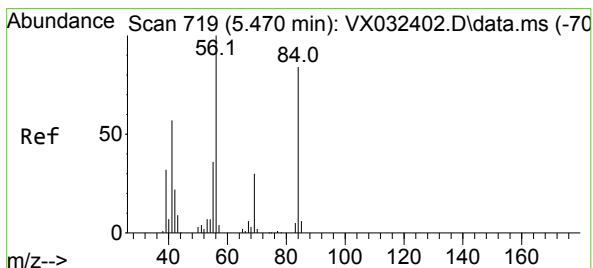
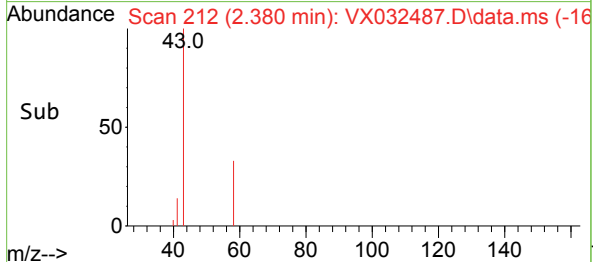
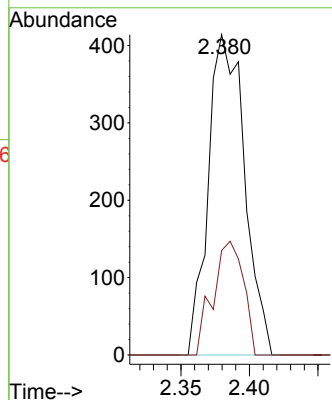
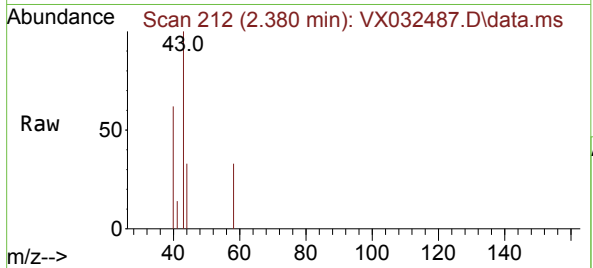




#16  
Acetone  
Concen: 1.201 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

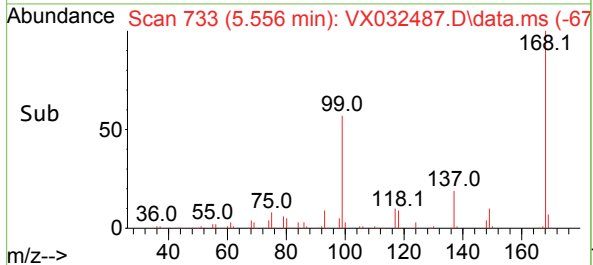
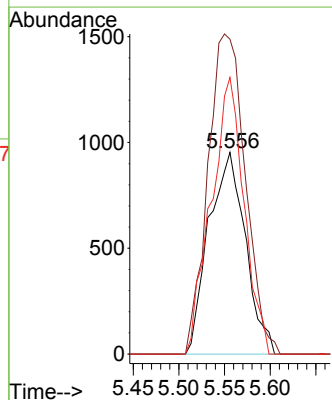
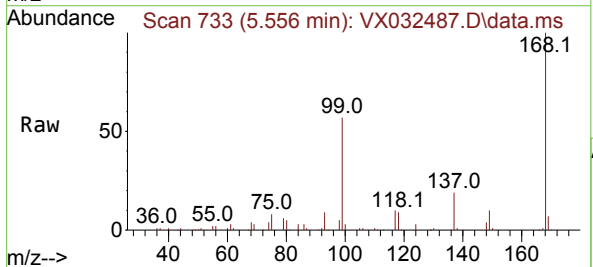
Instrument :  
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265393-8

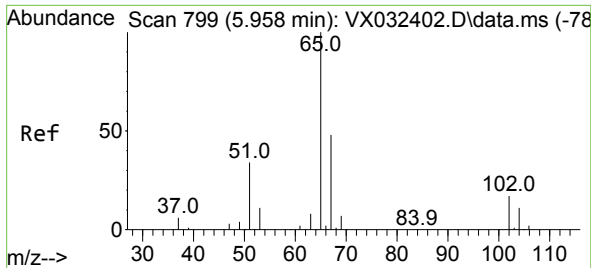
Tgt Ion: 43 Resp: 761  
Ion Ratio Lower Upper  
43 100  
58 32.6 23.8 35.8



#31  
Cyclohexane  
Concen: 1.257 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.085 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Tgt Ion: 56 Resp: 2656  
Ion Ratio Lower Upper  
56 100  
69 156.1 24.1 36.1#  
84 137.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.399 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032487.D

Acq: 31 Oct 2022 14:57

Instrument :

MSVOA\_X

ClientSampleId :

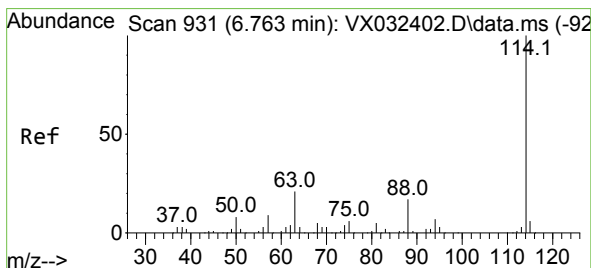
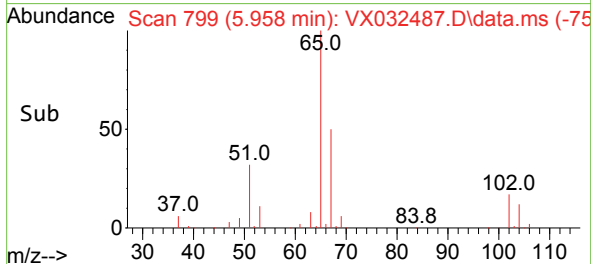
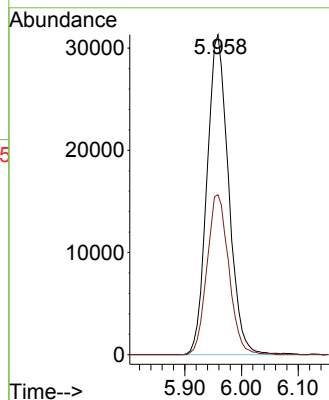
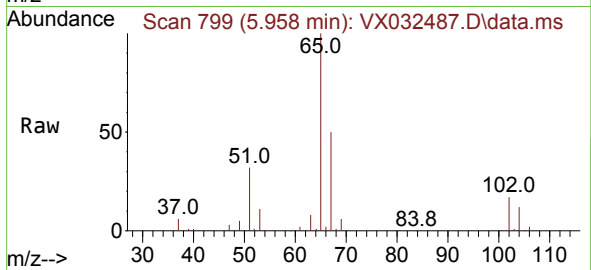
265393-8

Tgt Ion: 65 Resp: 82633

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032487.D

Acq: 31 Oct 2022 14:57

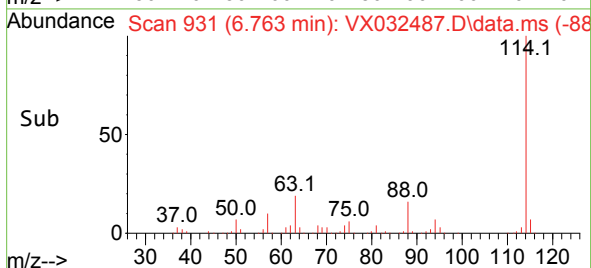
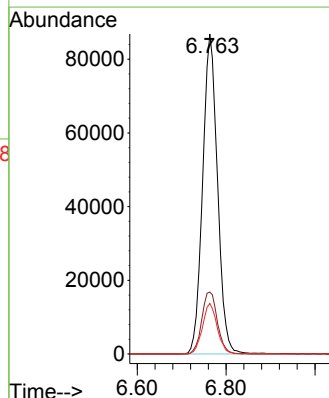
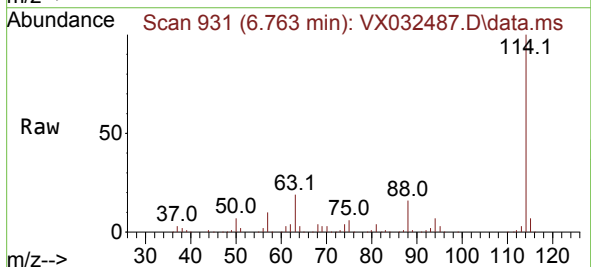
Tgt Ion: 114 Resp: 202171

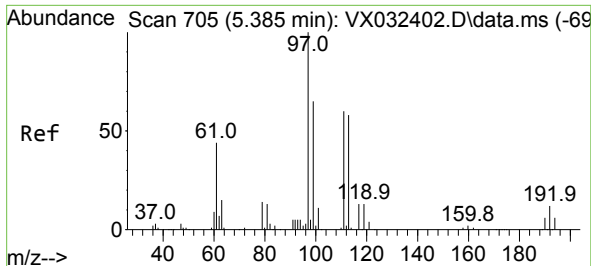
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.8 0.0 33.4

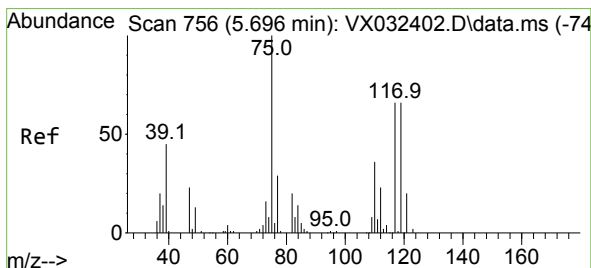
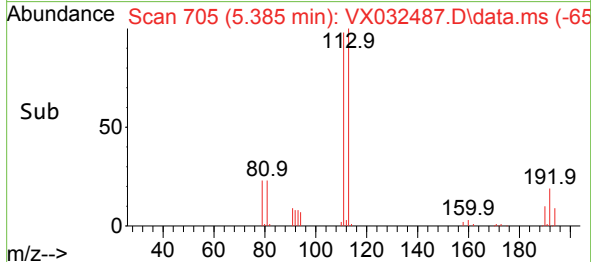
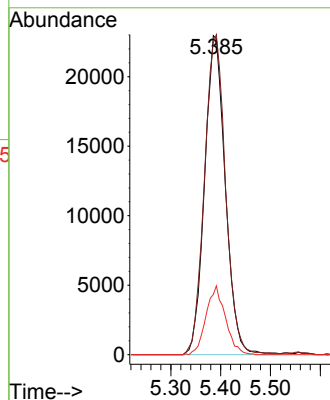
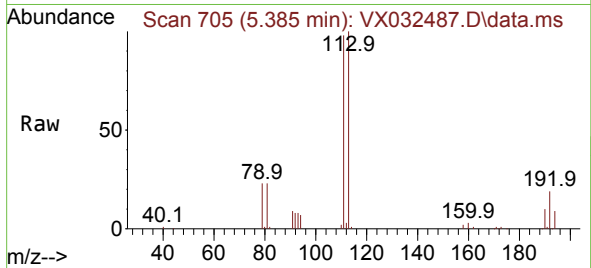




#35  
Dibromofluoromethane  
Concen: 45.850 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

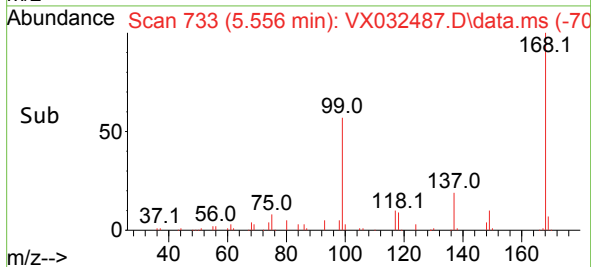
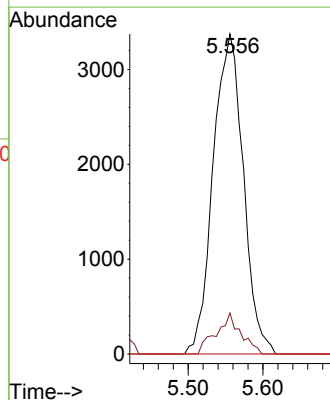
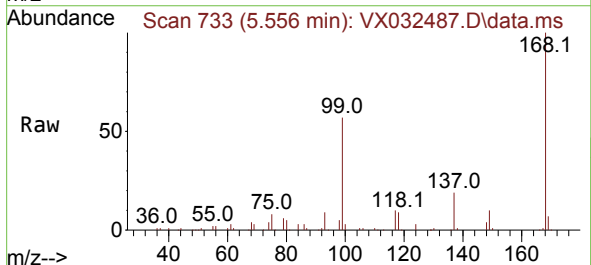
Instrument :  
MSVOA\_X  
ClientSampleId :  
265393-8

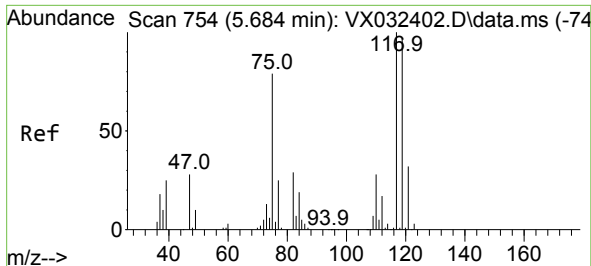
Tgt Ion:113 Resp: 66121  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.4 123.6  
192 20.2 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 4.715 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.140 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

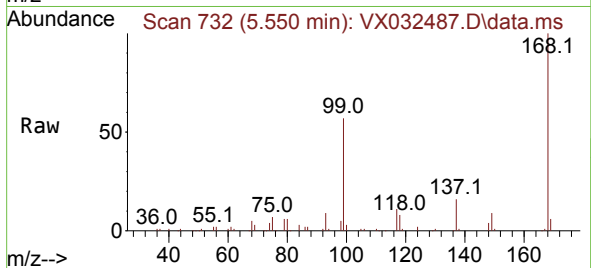
Tgt Ion: 75 Resp: 9468  
Ion Ratio Lower Upper  
75 100  
110 10.4 18.4 55.2#  
77 0.0 24.5 36.7#



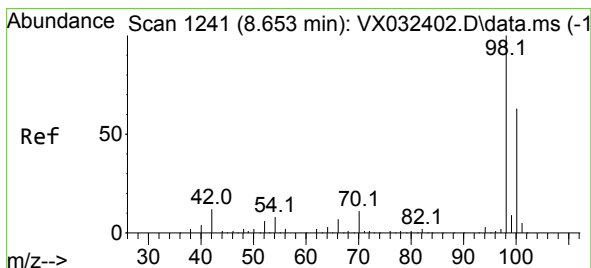
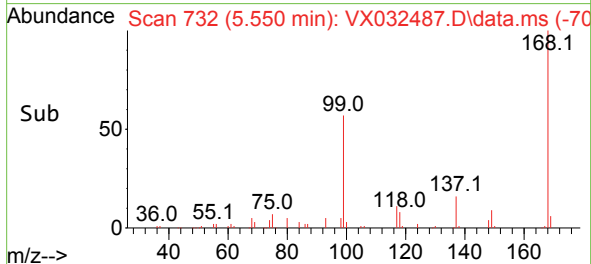
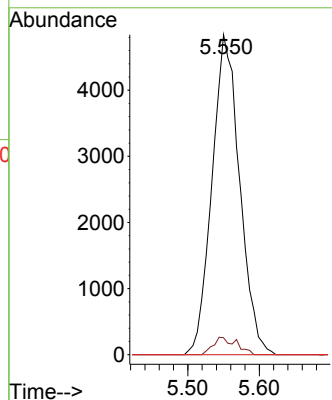


#38  
Carbon Tetrachloride  
Concen: 5.832 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
265393-8

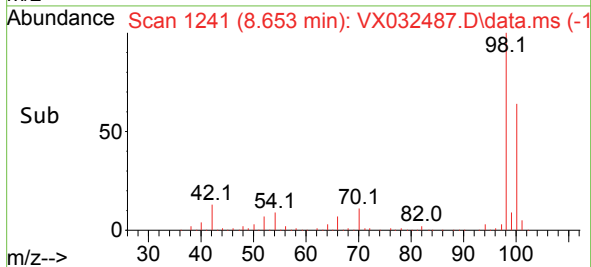
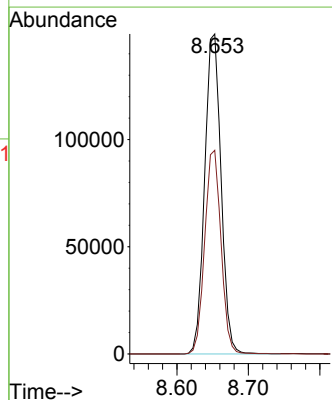
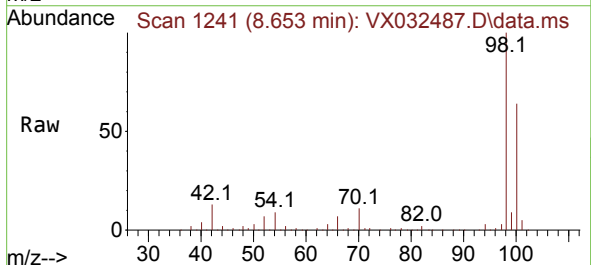


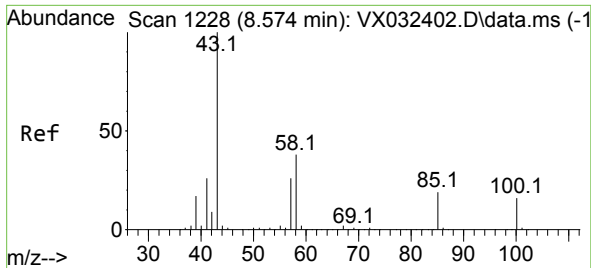
Tgt Ion:117 Resp: 12989  
Ion Ratio Lower Upper  
117 100  
119 5.3 77.2 115.8#  
121 0.0 25.8 38.6#



#50  
Toluene-d8  
Concen: 47.405 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Tgt Ion: 98 Resp: 237712  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.9 76.3

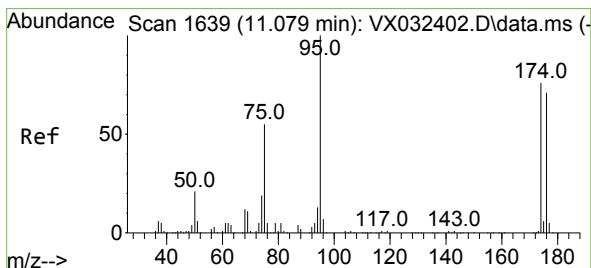
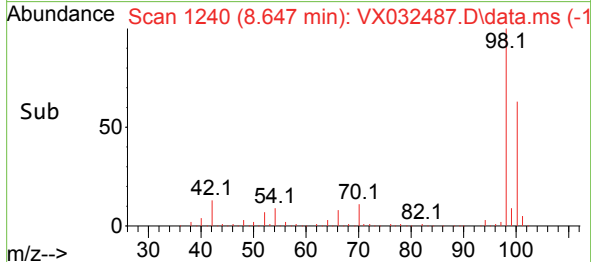
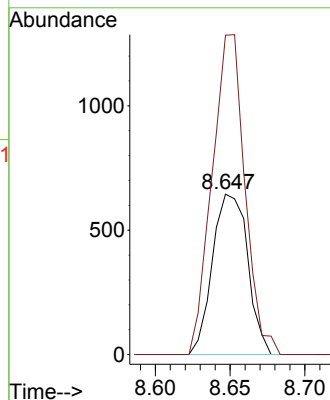
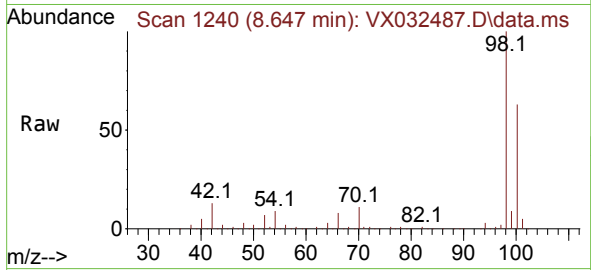




#51  
4-Methyl-2-Pentanone  
Concen: 0.522 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

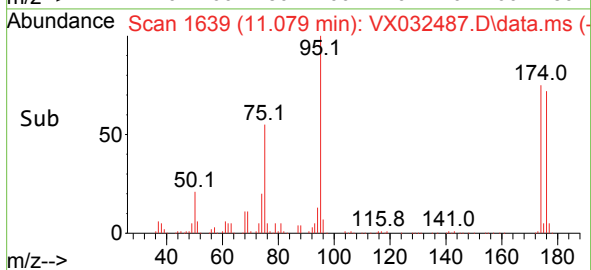
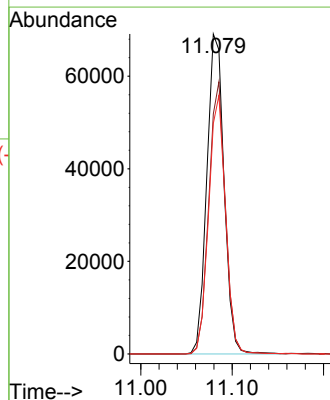
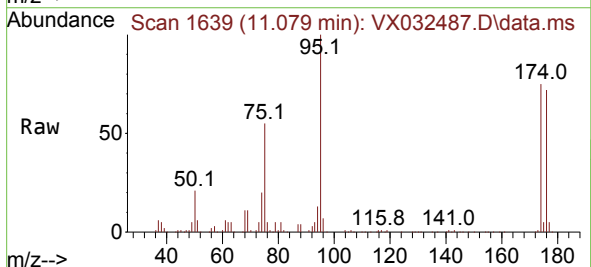
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MSVOA\_X  
ClientSampleId :  
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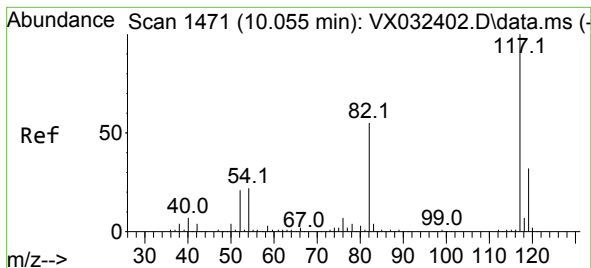
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Ion Ratio Lower Upper  
43 100  
58 186.4 30.9 46.3#



#62  
4-Bromofluorobenzene  
Concen: 46.133 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Tgt Ion: 95 Resp: 90365  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 164.0  
176 79.3 0.0 154.4

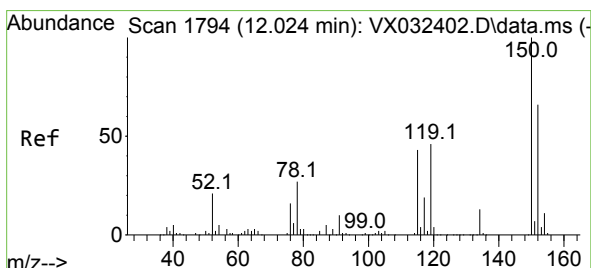
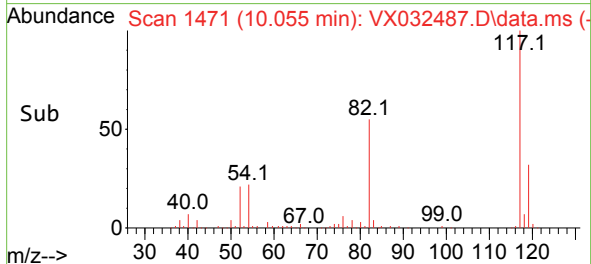
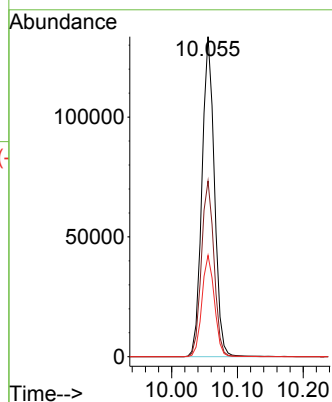
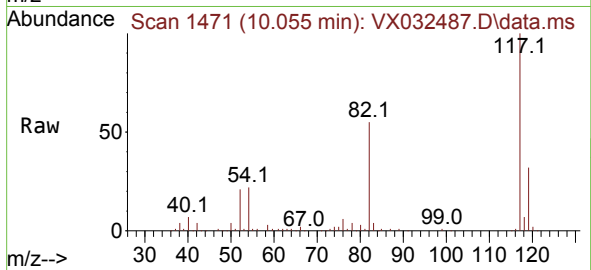




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

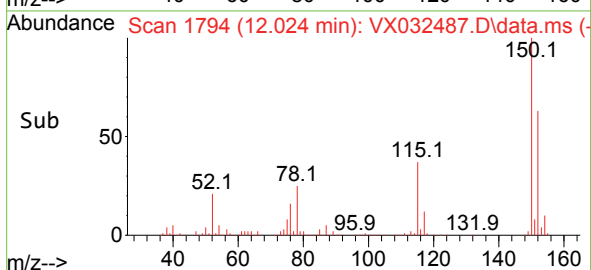
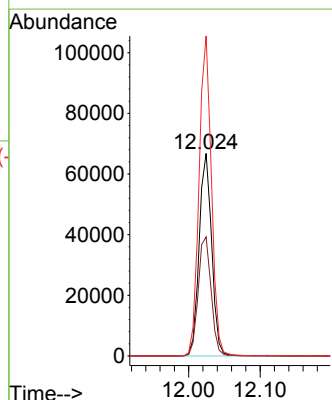
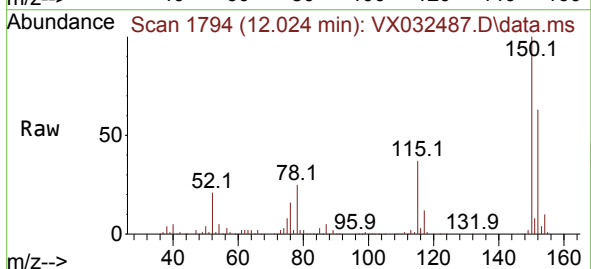
Instrument :  
MSVOA\_X  
ClientSampleId :  
265393-8

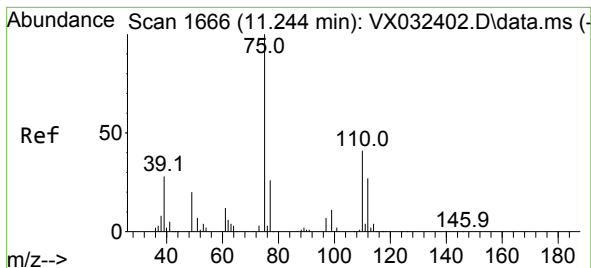
Tgt Ion:117 Resp: 175946  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.3 66.5  
119 31.7 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032487.D  
Acq: 31 Oct 2022 14:57

Tgt Ion:152 Resp: 81070  
Ion Ratio Lower Upper  
152 100  
115 60.7 44.0 132.0  
150 156.1 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 27.511 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX032487.D

Acq: 31 Oct 2022 14:57

Instrument :

MSVOA\_X

ClientSampleId :

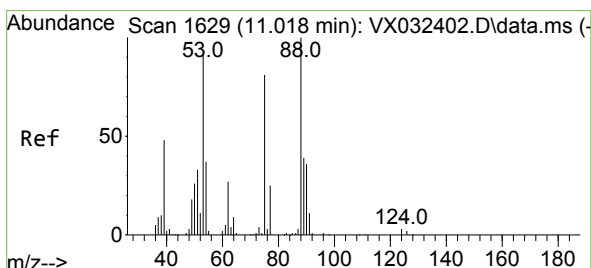
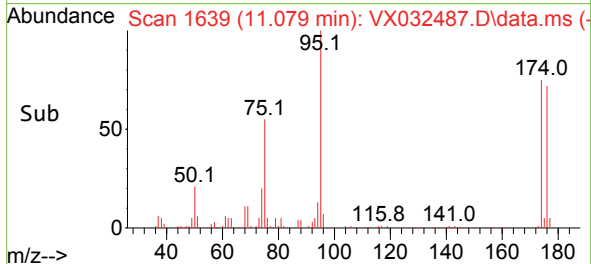
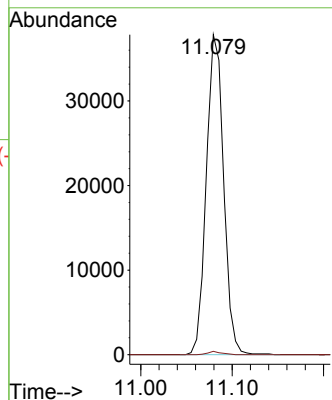
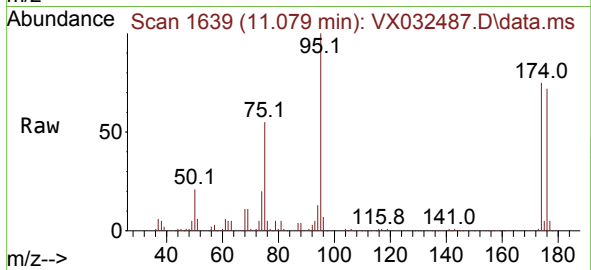
265393-8

Tgt Ion: 75 Resp: 49619

Ion Ratio Lower Upper

75 100

77 0.8 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.541 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX032487.D

Acq: 31 Oct 2022 14:57

Tgt Ion: 75 Resp: 49619

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

