

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091024\  
 Data File : VN083785.D  
 Acq On : 11 Sep 2024 10:26  
 Operator : JC\MD  
 Sample : P3906-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SU-701-COMP-01

Quant Time: Sep 11 10:44:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 03:05:46 2024  
 Response via : Initial Calibration

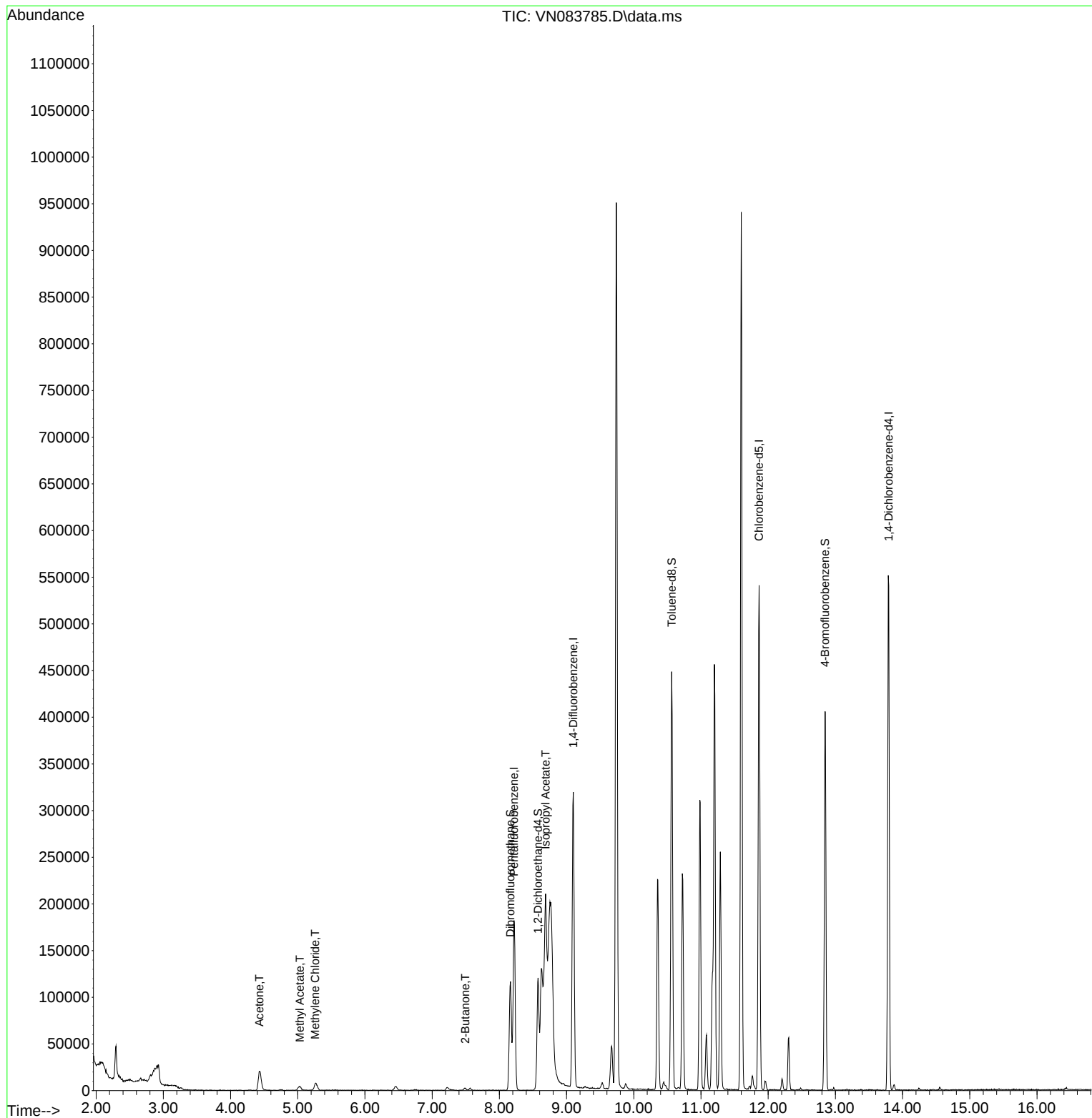
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.218     | 168   | 121052   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114   | 260253   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 292751   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 140235   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577     | 65    | 101880   | 55.816   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 111.640% |
| 35) Dibromofluoromethane    | 8.165     | 113   | 81700    | 49.036   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 98.080%  |
| 50) Toluene-d8              | 10.565    | 98    | 297664   | 51.679   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 103.360% |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 135686   | 57.098   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 114.200% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.430     | 43    | 39602    | 54.122   | ug/l   | 97       |
| 18) Methyl Acetate          | 5.030     | 43    | 9420     | 4.490    | ug/l   | 93       |
| 20) Methylene Chloride      | 5.259     | 84    | 5726     | 3.824    | ug/l   | 94       |
| 25) 2-Butanone              | 7.494     | 43    | 4605     | 4.788    | ug/l # | 83       |
| 43) Isopropyl Acetate       | 8.688     | 43    | 132388   | 32.095   | ug/l # | 90       |
| -----                       |           |       |          |          |        |          |

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

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Sample : P3906-02  
Misc : 5.0mL/MSVOA\_N/WATER  
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MSVOA\_N  
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SU-701-COMP-01

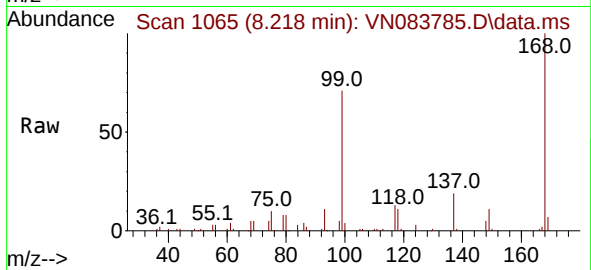
Quant Time: Sep 11 10:44:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 03:05:46 2024  
Response via : Initial Calibration



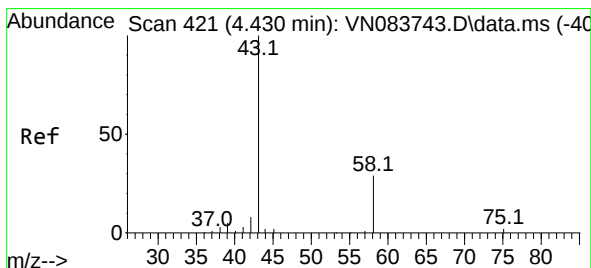
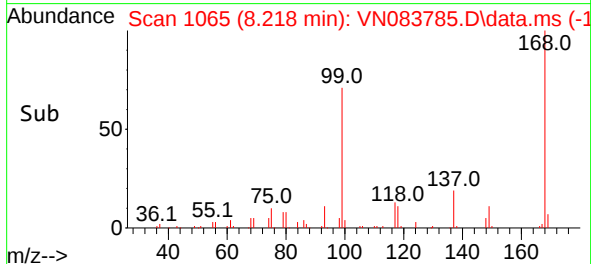
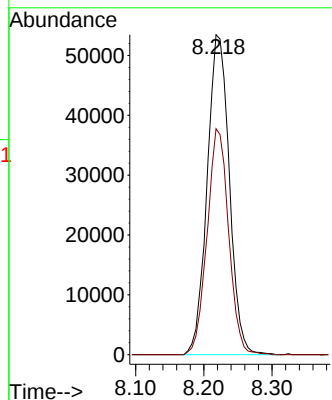


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
SU-701-COMP-01

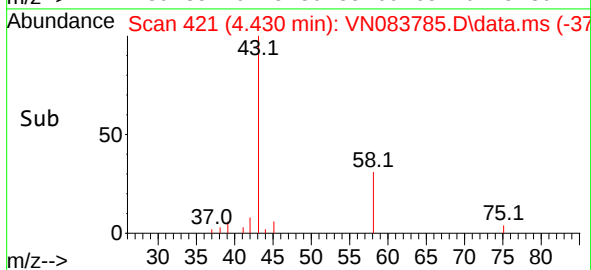
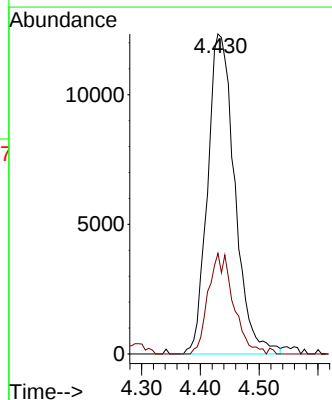
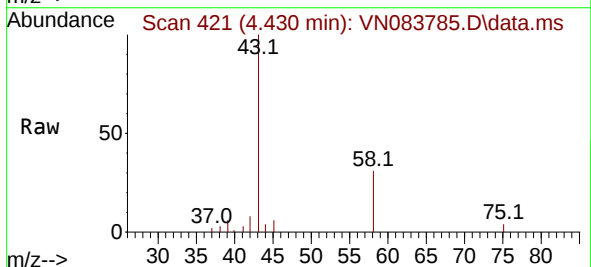


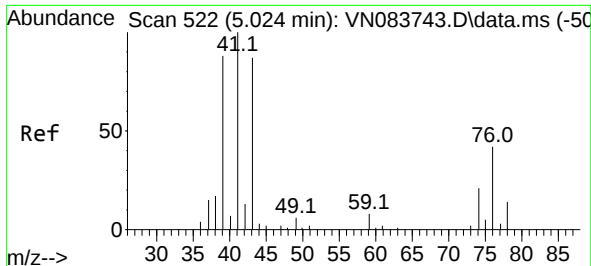
Tgt Ion:168 Resp: 121052  
Ion Ratio Lower Upper  
168 100  
99 70.6 54.2 81.2



#16  
Acetone  
Concen: 54.122 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

Tgt Ion: 43 Resp: 39602  
Ion Ratio Lower Upper  
43 100  
58 31.4 23.7 35.5





#18

Methyl Acetate

Concen: 4.490 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083785.D

Acq: 11 Sep 2024 10:26

Instrument :

MSVOA\_N

ClientSampleId :

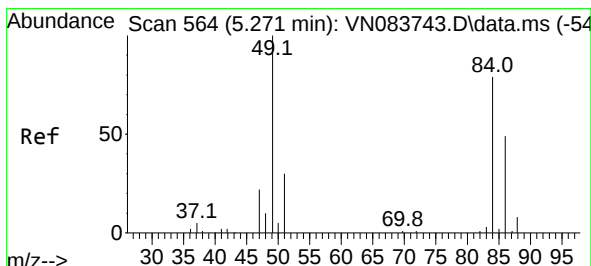
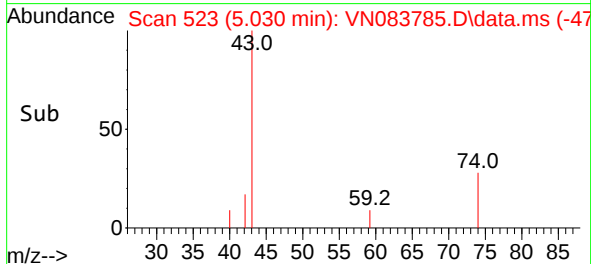
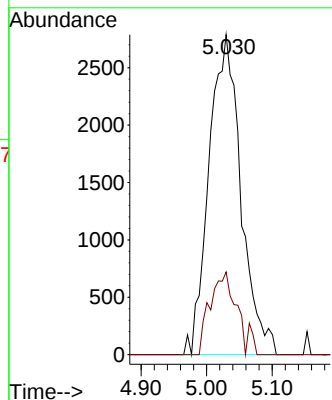
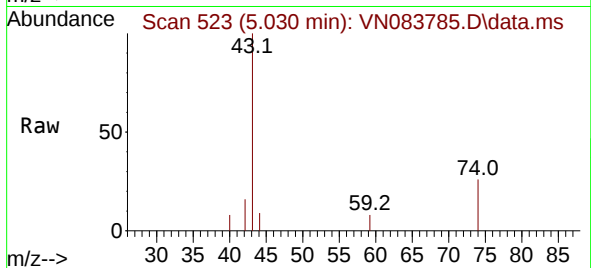
SU-701-COMP-01

Tgt Ion: 43 Resp: 9420

Ion Ratio Lower Upper

43 100

74 20.3 19.0 28.4



#20

Methylene Chloride

Concen: 3.824 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.012 min

Lab File: VN083785.D

Acq: 11 Sep 2024 10:26

Tgt Ion: 84 Resp: 5726

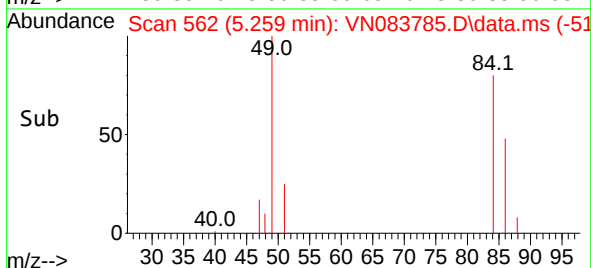
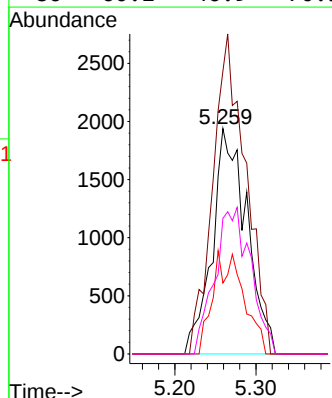
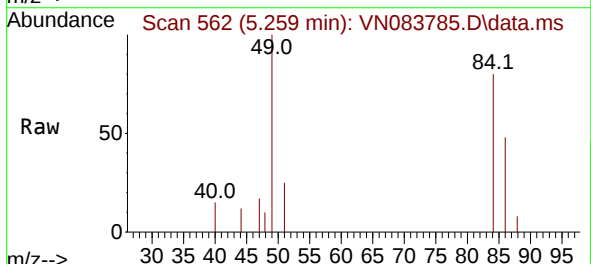
Ion Ratio Lower Upper

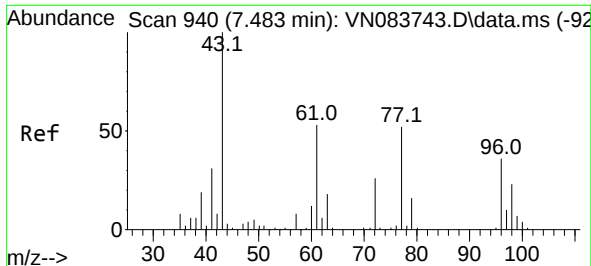
84 100

49 125.4 93.4 140.0

51 31.4 29.2 43.8

86 60.2 46.9 70.3





#25

2-Butanone

Concen: 4.788 ug/l

RT: 7.494 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN083785.D

Acq: 11 Sep 2024 10:26

Instrument :

MSVOA\_N

ClientSampleId :

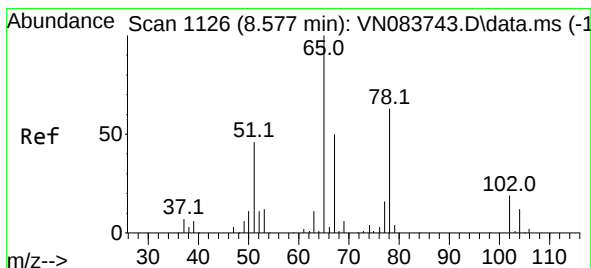
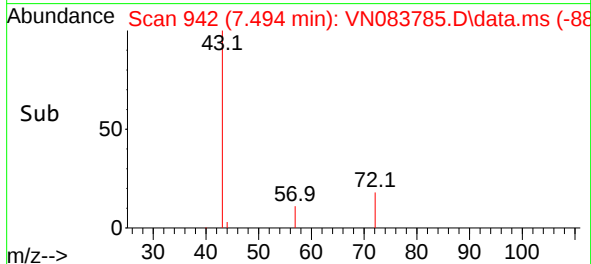
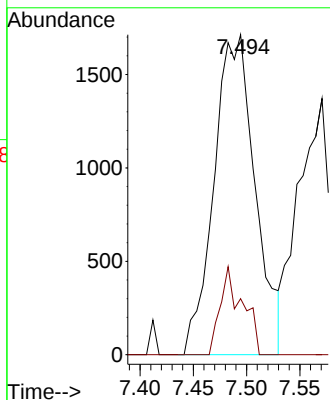
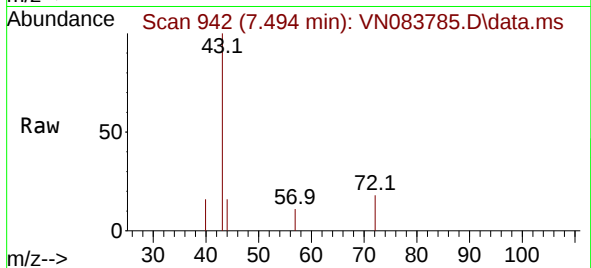
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Tgt Ion: 43 Resp: 4605

Ion Ratio Lower Upper

43 100

72 17.5 20.8 31.2#



#33

1,2-Dichloroethane-d4

Concen: 55.816 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083785.D

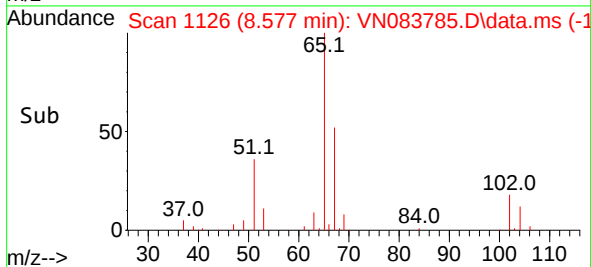
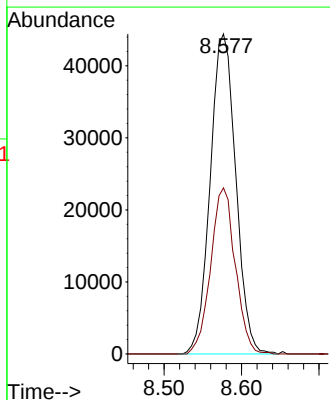
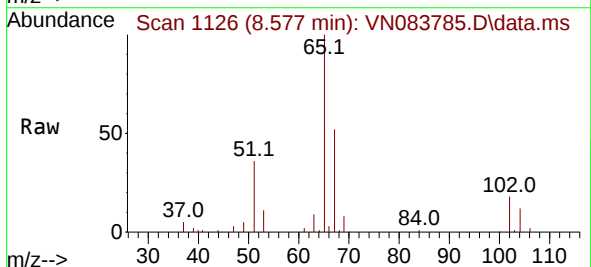
Acq: 11 Sep 2024 10:26

Tgt Ion: 65 Resp: 101880

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8

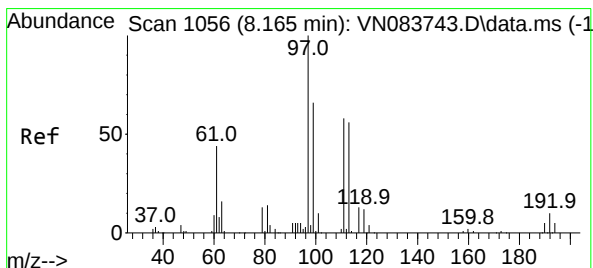
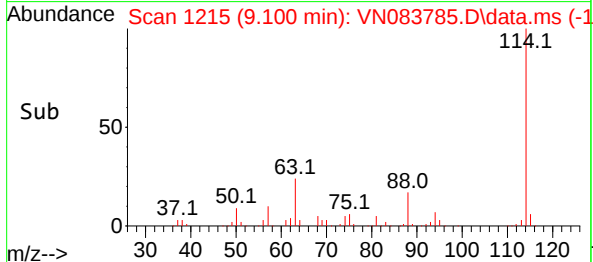
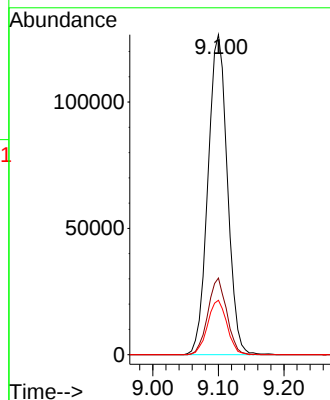
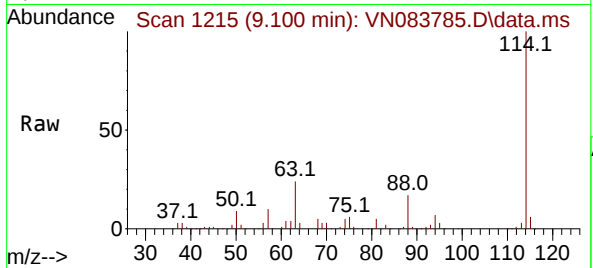




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

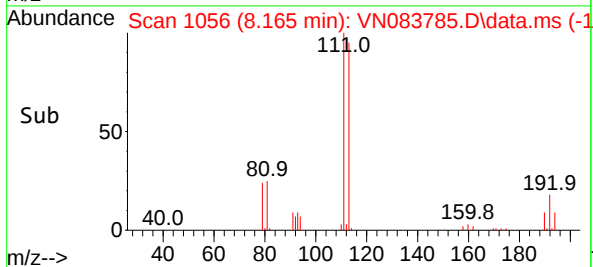
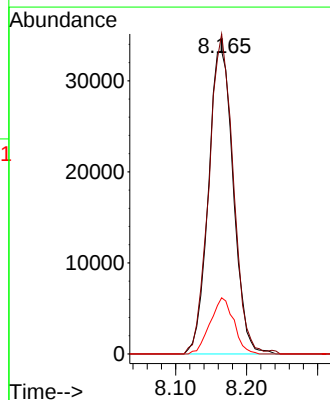
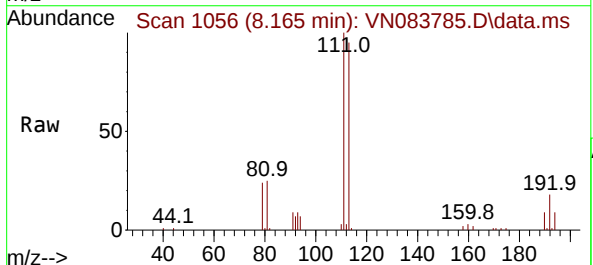
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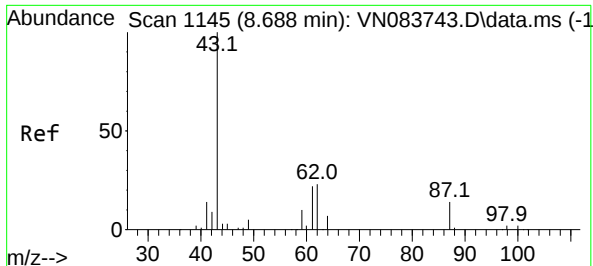
Tgt Ion:114 Resp: 260253  
Ion Ratio Lower Upper  
114 100  
63 24.0 0.0 43.4  
88 17.0 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 49.036 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

Tgt Ion:113 Resp: 81700  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.6 124.0  
192 17.5 14.3 21.5

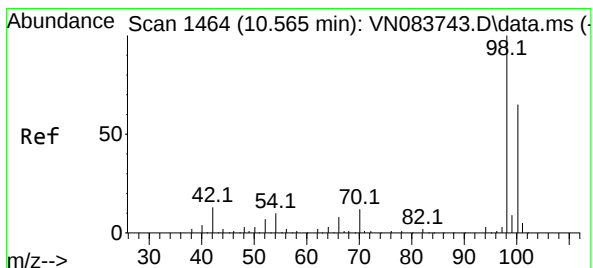
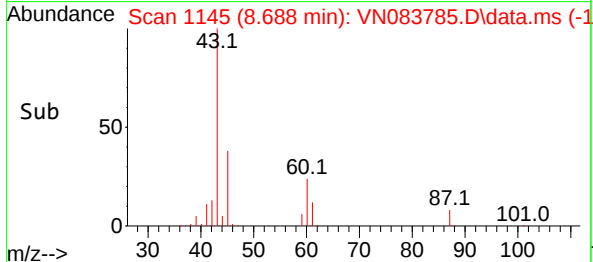
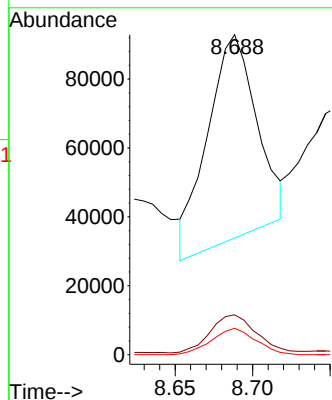
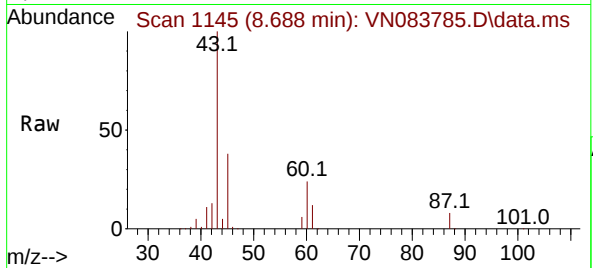




#43  
Isopropyl Acetate  
Concen: 32.095 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

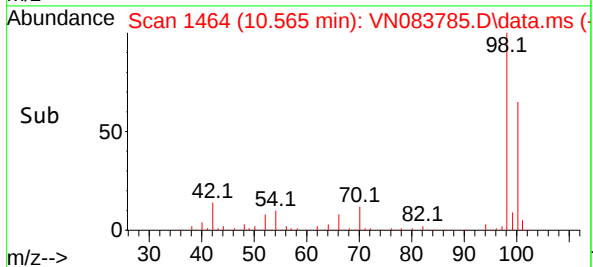
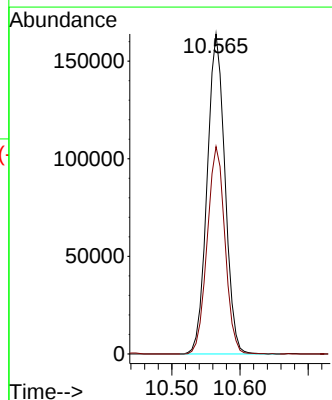
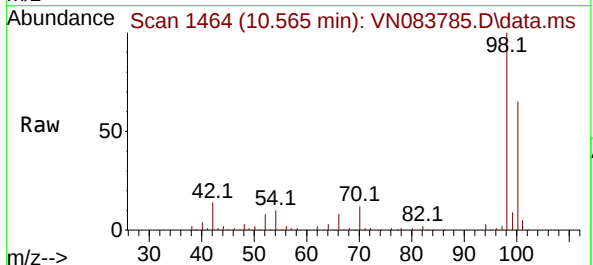
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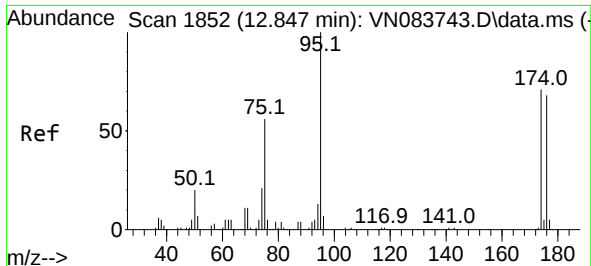
Tgt Ion: 43 Resp: 132388  
Ion Ratio Lower Upper  
43 100  
61 17.2 19.4 29.0#  
87 11.5 9.8 14.6



#50  
Toluene-d8  
Concen: 51.679 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

Tgt Ion: 98 Resp: 297664  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0

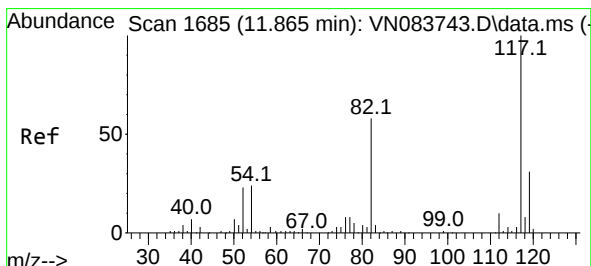
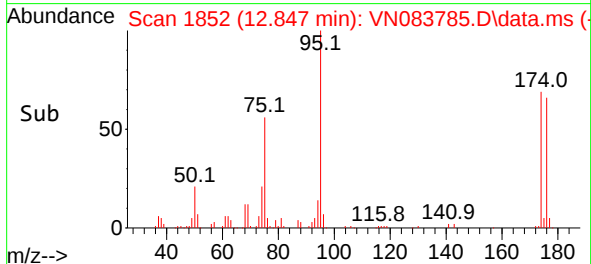
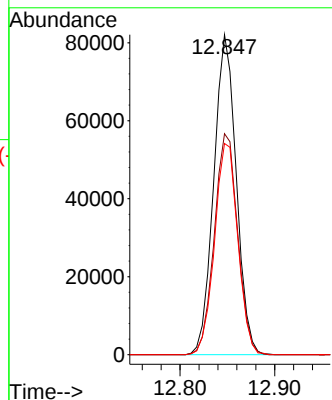
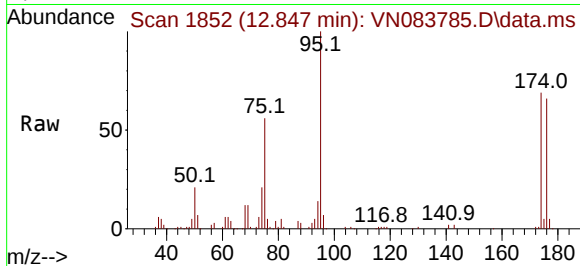




#62  
4-Bromofluorobenzene  
Concen: 57.098 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

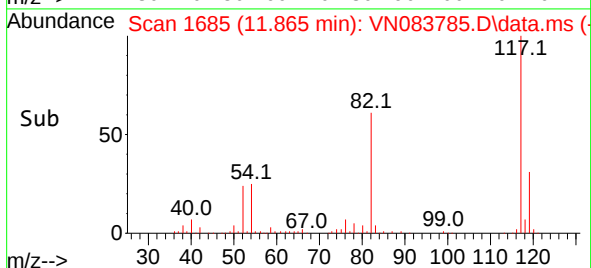
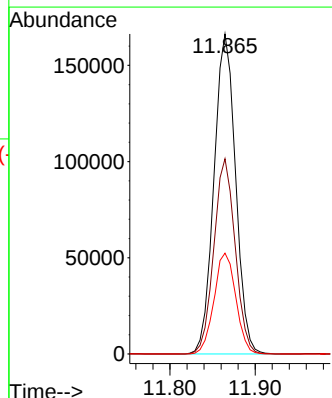
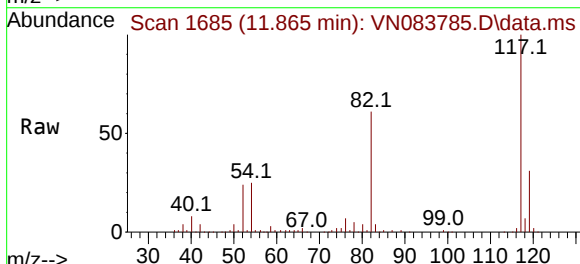
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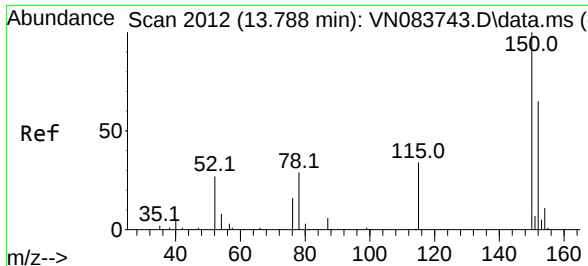
Tgt Ion: 95 Resp: 135686  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 139.8  
176 68.1 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

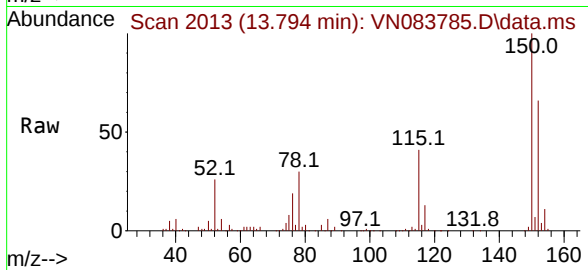
Tgt Ion: 117 Resp: 292751  
Ion Ratio Lower Upper  
117 100  
82 61.0 47.4 71.0  
119 31.5 26.3 39.5





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN083785.D  
Acq: 11 Sep 2024 10:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:152 Resp: 140235  
Ion Ratio Lower Upper  
152 100  
115 64.1 32.2 96.6  
150 155.7 0.0 348.6

