

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072824\  
 Data File : VX042615.D  
 Acq On : 26 Jul 2024 21:58  
 Operator : JC/MD  
 Sample : P3334-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 27 01:36:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML072624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 27 01:23:37 2024  
 Response via : Initial Calibration

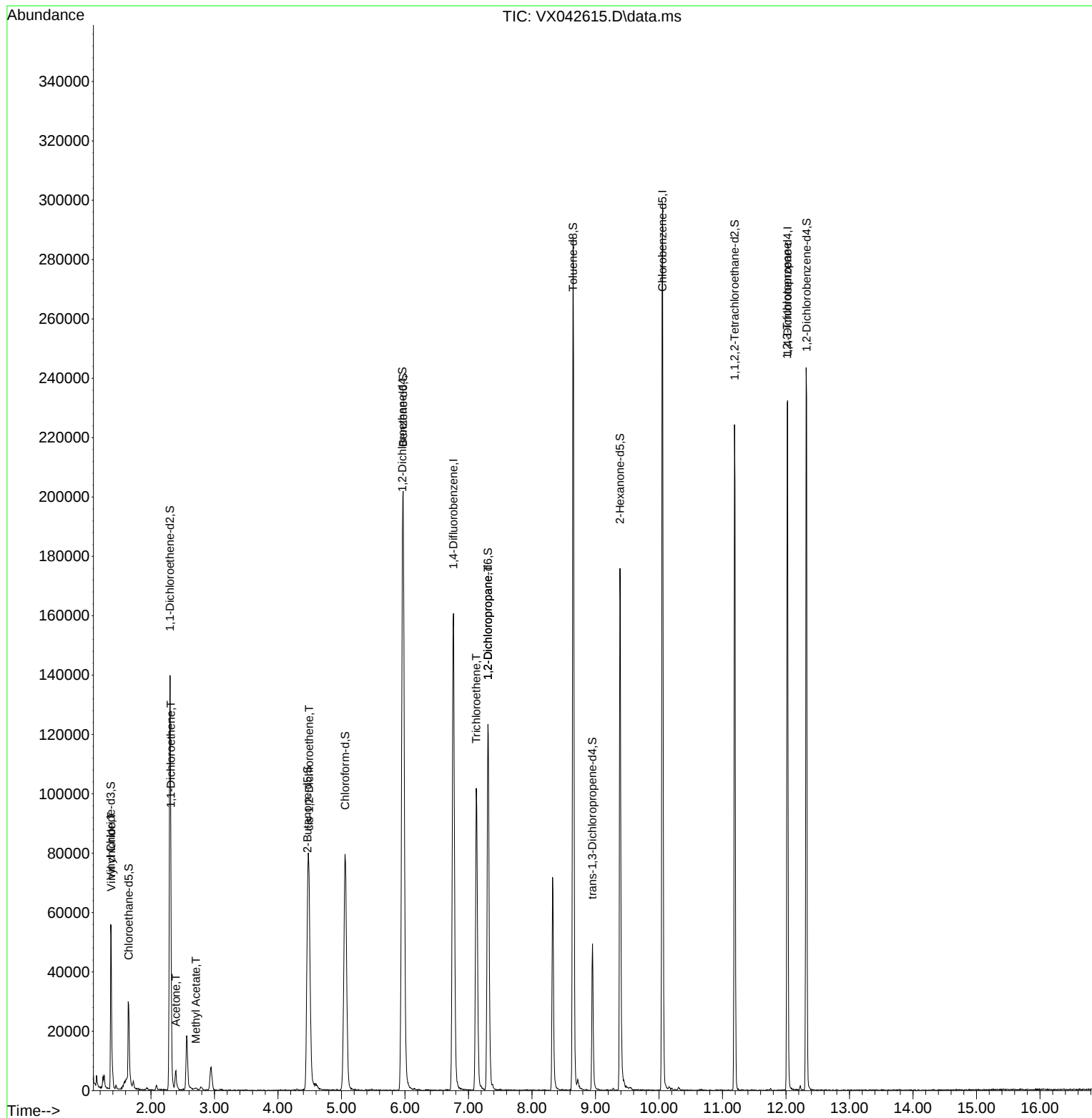
| Compound                      | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                         |                |      |                     |         |        |          |
| Internal Standards            |                |      |                     |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 167307              | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 140430              | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 49984               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                     |         |        |          |
| System Monitoring Compounds   |                |      |                     |         |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 39249               | 38.614  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 77.220%  |         |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 21010               | 50.161  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 100.320% |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.300          | 65   | 21564               | 43.058  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 86.120%  |         |        |          |
| 21) 2-Butanone-d5             | 4.465          | 46   | 73688               | 97.814  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 97.810%  |         |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 102617              | 46.124  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 92.240%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 68563               | 47.768  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 95.540%  |         |        |          |
| 32) Benzene-d6                | 5.971          | 84   | 205301              | 52.676  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 105.360% |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 62284               | 53.997  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 108.000% |         |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 170855              | 48.894  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 97.780%  |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 24290               | 44.999  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 90.000%  |         |        |          |
| 47) 2-Hexanone-d5             | 9.385          | 63   | 53213               | 103.182 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 103.180% |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 87016               | 52.394  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 104.780% |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 51126               | 54.122  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 108.240% |         |        |          |
|                               |                |      |                     |         |        |          |
| Target Compounds              |                |      |                     |         |        |          |
|                               |                |      |                     |         | Qvalue |          |
| 5) Vinyl chloride             | 1.374          | 62   | 2377                | 2.046   | ug/L # | 79       |
| 12) 1,1-Dichloroethene        | 2.313          | 96   | 11716               | 10.832  | ug/L # | 41       |
| 13) Acetone                   | 2.392          | 43   | 7373                | 12.520  | ug/L   | 97       |
| 15) Methyl Acetate            | 2.709          | 43   | 1065                | 0.816   | ug/L # | 69       |
| 20) cis-1,2-Dichloroethene    | 4.489          | 96   | 34330               | 27.078  | ug/L   | 95       |
| 34) Trichloroethene           | 7.123          | 95   | 39213               | 34.153  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 7.306          | 63   | 7371                | 6.599   | ug/L # | 86       |
| 61) 1,2,3-Trichloropropane    | 12.018         | 75   | 6134                | 5.305   | ug/L # | 66       |
| -----                         |                |      |                     |         |        |          |

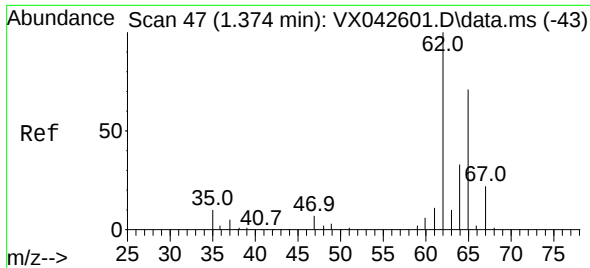
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

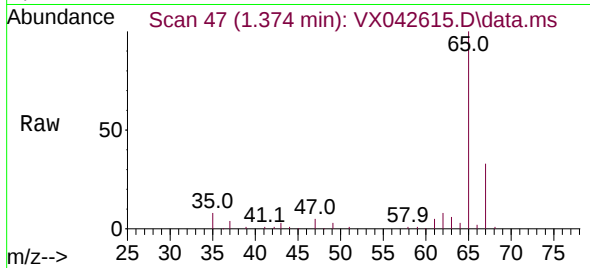
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Quant Title : VOC Analysis  
QLast Update : Sat Jul 27 01:23:37 2024  
Response via : Initial Calibration



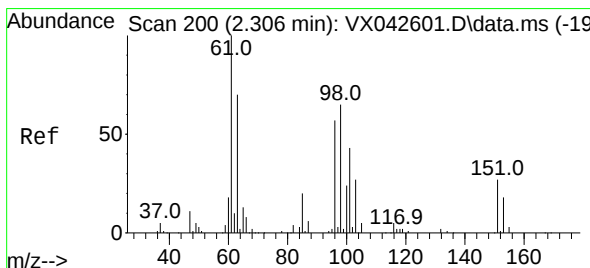
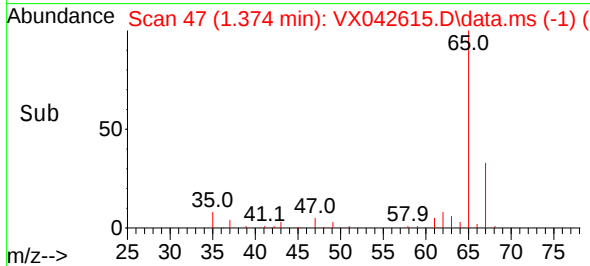
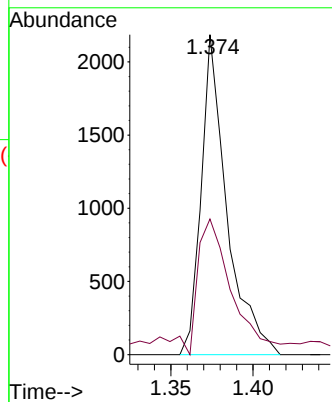


#5  
 Vinyl chloride  
 Concen: 2.046 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX042615.D  
 Acq: 26 Jul 2024 21:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :

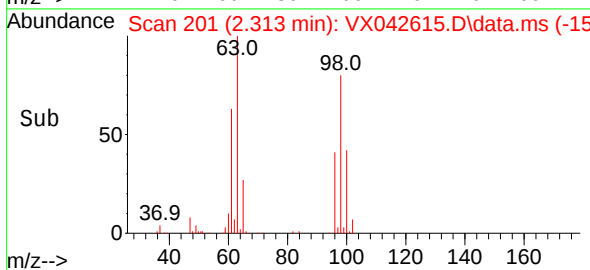
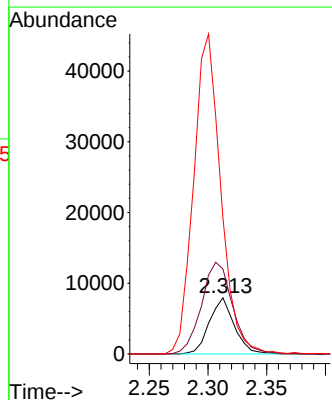
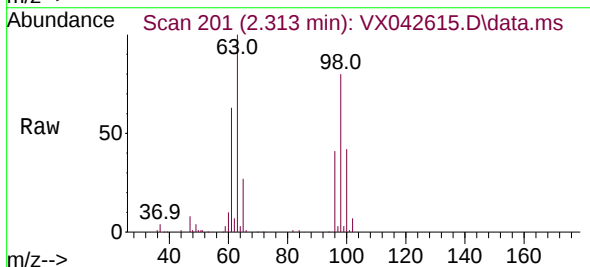


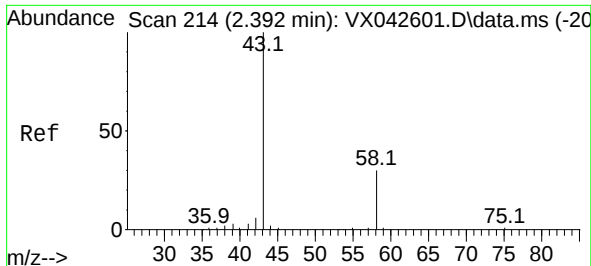
Tgt Ion: 62 Resp: 2377  
 Ion Ratio Lower Upper  
 62 100  
 64 42.4 21.6 40.0#



#12  
 1,1-Dichloroethene  
 Concen: 10.832 ug/L  
 RT: 2.313 min Scan# 201  
 Delta R.T. 0.006 min  
 Lab File: VX042615.D  
 Acq: 26 Jul 2024 21:58

Tgt Ion: 96 Resp: 11716  
 Ion Ratio Lower Upper  
 96 100  
 61 151.7 113.0 209.9  
 63 242.3 70.5 130.9#

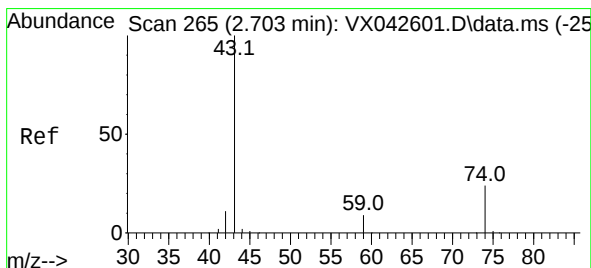
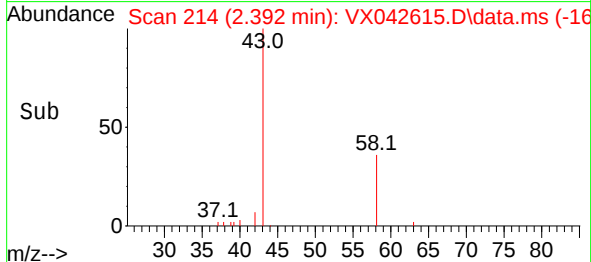
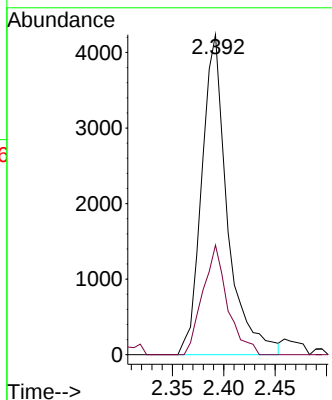
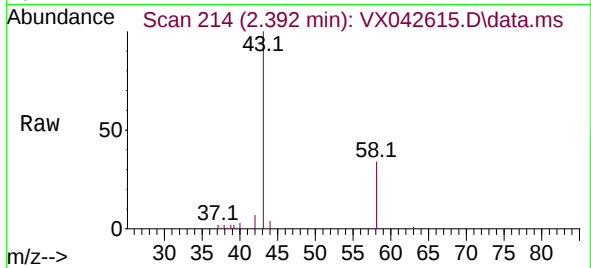




#13  
Acetone  
Concen: 12.520 ug/L  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX042615.D  
Acq: 26 Jul 2024 21:58

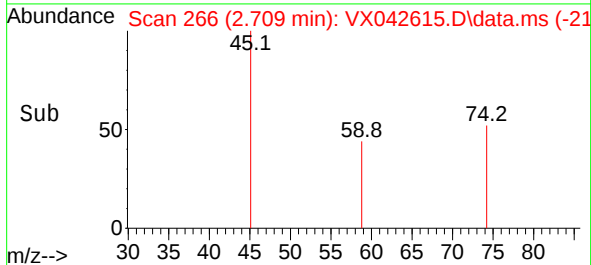
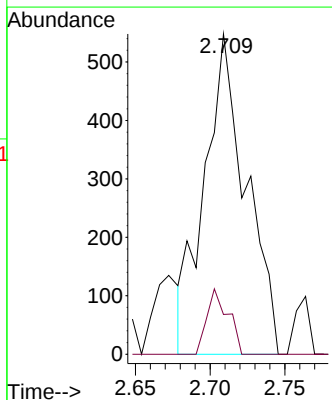
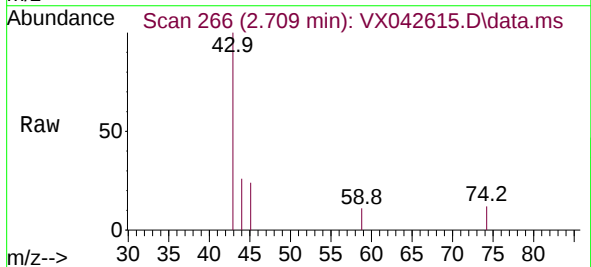
Instrument :  
MSVOA\_X  
ClientSampleId :

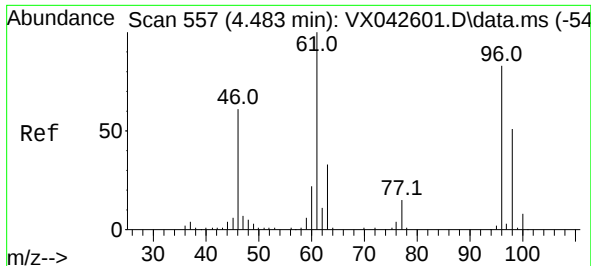
Tgt Ion: 43 Resp: 7373  
Ion Ratio Lower Upper  
43 100  
58 33.1 0.0 62.4



#15  
Methyl Acetate  
Concen: 0.816 ug/L  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX042615.D  
Acq: 26 Jul 2024 21:58

Tgt Ion: 43 Resp: 1065  
Ion Ratio Lower Upper  
43 100  
74 10.3 21.0 31.4#

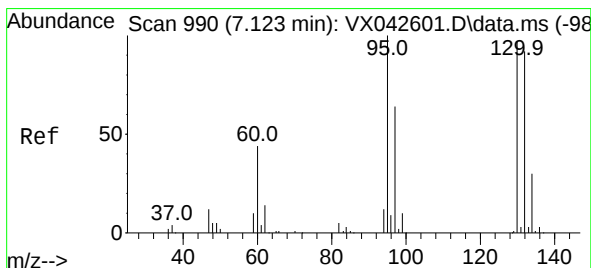
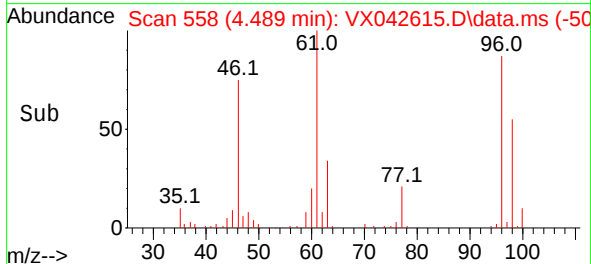
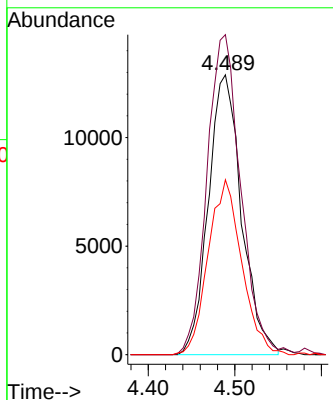
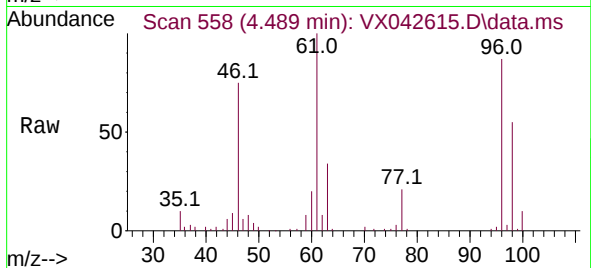




#20  
cis-1,2-Dichloroethene  
Concen: 27.078 ug/L  
RT: 4.489 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX042615.D  
Acq: 26 Jul 2024 21:58

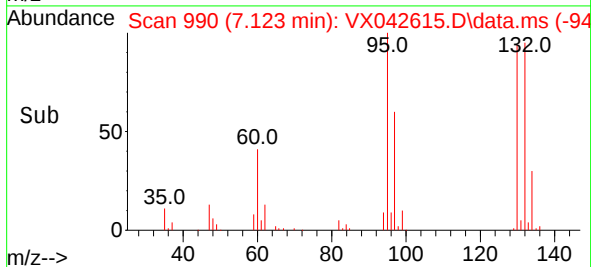
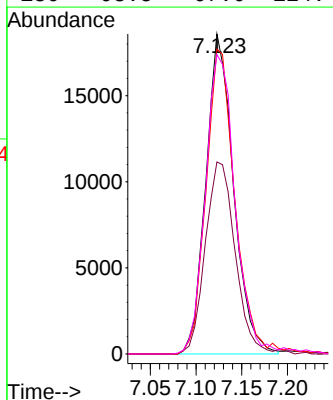
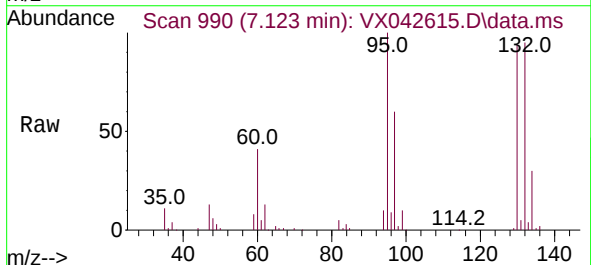
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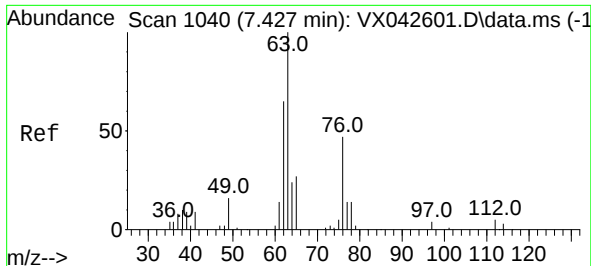
Tgt Ion: 96 Resp: 34330  
Ion Ratio Lower Upper  
96 100  
61 114.4 85.3 158.3  
98 62.5 42.7 79.3



#34  
Trichloroethene  
Concen: 34.153 ug/L  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX042615.D  
Acq: 26 Jul 2024 21:58

Tgt Ion: 95 Resp: 39213  
Ion Ratio Lower Upper  
95 100  
97 60.0 46.3 86.1  
132 95.3 64.3 119.5  
130 93.5 67.0 124.4

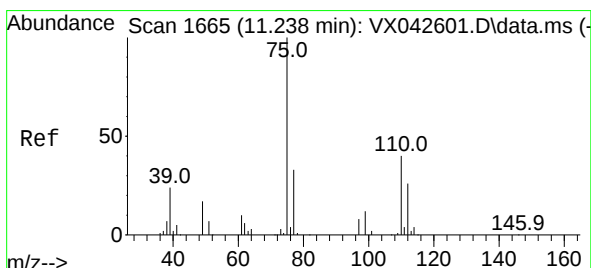
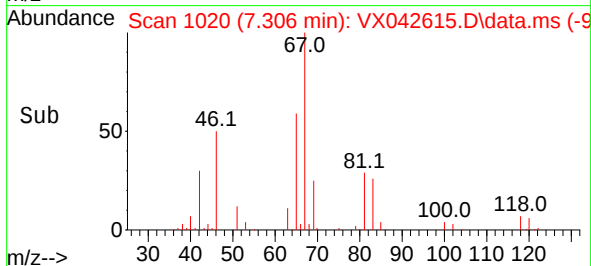
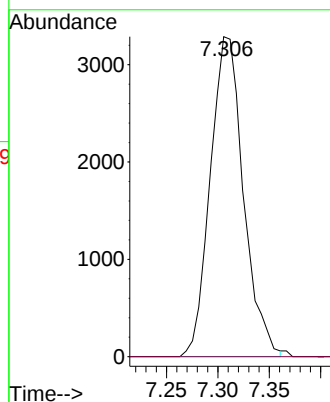
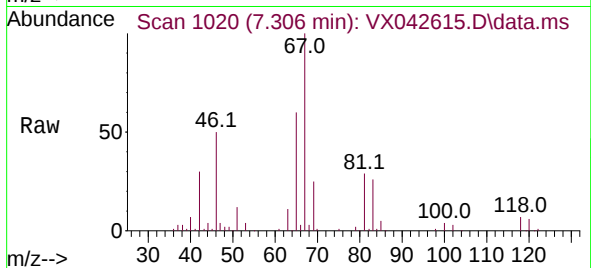




#37  
1,2-Dichloropropane  
Concen: 6.599 ug/L  
RT: 7.306 min Scan# 1040  
Delta R.T. -0.122 min  
Lab File: VX042615.D  
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Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 7371  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.7 5.5#



#61  
1,2,3-Trichloropropane  
Concen: 5.305 ug/L  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.781 min  
Lab File: VX042615.D  
Acq: 26 Jul 2024 21:58

Tgt Ion: 75 Resp: 6134  
Ion Ratio Lower Upper  
75 100  
77 33.4 26.2 39.4  
110 3.9 33.0 49.4#

