

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101624\  
 Data File : VX043415.D  
 Acq On : 16 Oct 2024 11:35  
 Operator : JC/MD  
 Sample : VX1016MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 17 01:50:18 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 73214    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 134006   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 118051   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 51583    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 60248    | 50.387   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.780% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 43519    | 47.090   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 94.180%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 162307   | 50.679   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.360% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 58755    | 50.499   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 101.000% |      |

|                               |        |     |        |        |        |    |
|-------------------------------|--------|-----|--------|--------|--------|----|
| Target Compounds              |        |     | Qvalue |        |        |    |
| 3) Chloromethane              | 1.295  | 50  | 225    | 0.257  | ug/l # | 42 |
| 5) Bromomethane               | 1.599  | 94  | 232    | 0.646  | ug/l   | 95 |
| 11) Tert butyl alcohol        | 3.002  | 59  | 269    | 1.182  | ug/l # | 71 |
| 13) Acrolein                  | 2.240  | 56  | 353    | 1.643  | ug/l   | 86 |
| 15) Acrylonitrile             | 3.075  | 53  | 354    | 0.762  | ug/l # | 56 |
| 16) Acetone                   | 2.392  | 43  | 912    | 1.826  | ug/l # | 83 |
| 17) Carbon Disulfide          | 2.508  | 76  | 1053   | 0.532  | ug/l   | 97 |
| 18) Methyl Acetate            | 2.703  | 43  | 429    | 0.342  | ug/l # | 61 |
| 20) Methylene Chloride        | 2.788  | 84  | 241    | 0.262  | ug/l   | 93 |
| 21) trans-1,2-Dichloroethene  | 3.087  | 96  | 234    | 0.289  | ug/l   | 83 |
| 23) Vinyl Acetate             | 3.758  | 43  | 785    | 6.601  | ug/l # | 71 |
| 25) 2-Butanone                | 4.605  | 43  | 162    | 0.237  | ug/l # | 49 |
| 29) Tetrahydrofuran           | 5.032  | 42  | 131    | 0.300  | ug/l # | 44 |
| 31) Cyclohexane               | 5.544  | 56  | 1732   | 1.342  | ug/l # | 1  |
| 36) 1,1-Dichloropropene       | 5.544  | 75  | 6372   | 5.458  | ug/l # | 49 |
| 38) Carbon Tetrachloride      | 5.544  | 117 | 8421   | 6.093  | ug/l # | 14 |
| 49) 1,4-Dioxane               | 7.714  | 88  | 20     | 0.905  | ug/l # | 23 |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43  | 575    | 0.409  | ug/l   | 93 |
| 59) 2-Hexanone                | 9.470  | 43  | 429    | 0.403  | ug/l   | 89 |
| 65) Chlorobenzene             | 10.073 | 112 | 538    | 0.212  | ug/l # | 80 |
| 68) m/p-Xylenes               | 10.311 | 106 | 520    | 0.314  | ug/l   | 96 |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 31775  | 27.771 | ug/l # | 33 |
| 77) Bromobenzene              | 11.201 | 156 | 208    | 0.213  | ug/l   | 90 |
| 78) n-propylbenzene           | 11.311 | 91  | 998    | 0.227  | ug/l   | 87 |
| 79) 2-Chlorotoluene           | 11.372 | 91  | 653    | 0.231  | ug/l   | 92 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 31775  | 71.973 | ug/l # | 8  |
| 82) 4-Chlorotoluene           | 11.463 | 91  | 835    | 0.259  | ug/l   | 98 |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146 | 527    | 0.307  | ug/l   | 96 |
| 88) 1,4-Dichlorobenzene       | 11.976 | 146 | 527    | 0.297  | ug/l   | 97 |
| 89) n-Butylbenzene            | 12.335 | 91  | 931    | 0.330  | ug/l   | 90 |
| 91) 1,2-Dichlorobenzene       | 12.347 | 146 | 557    | 0.317  | ug/l   | 71 |
| 93) 1,2,4-Trichlorobenzene    | 13.597 | 180 | 900    | 0.888  | ug/l   | 92 |
| 94) Hexachlorobutadiene       | 13.725 | 225 | 149    | 0.371  | ug/l # | 42 |
| 95) Naphthalene               | 13.780 | 128 | 5877   | 1.577  | ug/l   | 97 |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180 | 994    | 0.950  | ug/l   | 95 |

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Sample : VX1016MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 17 01:50:18 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

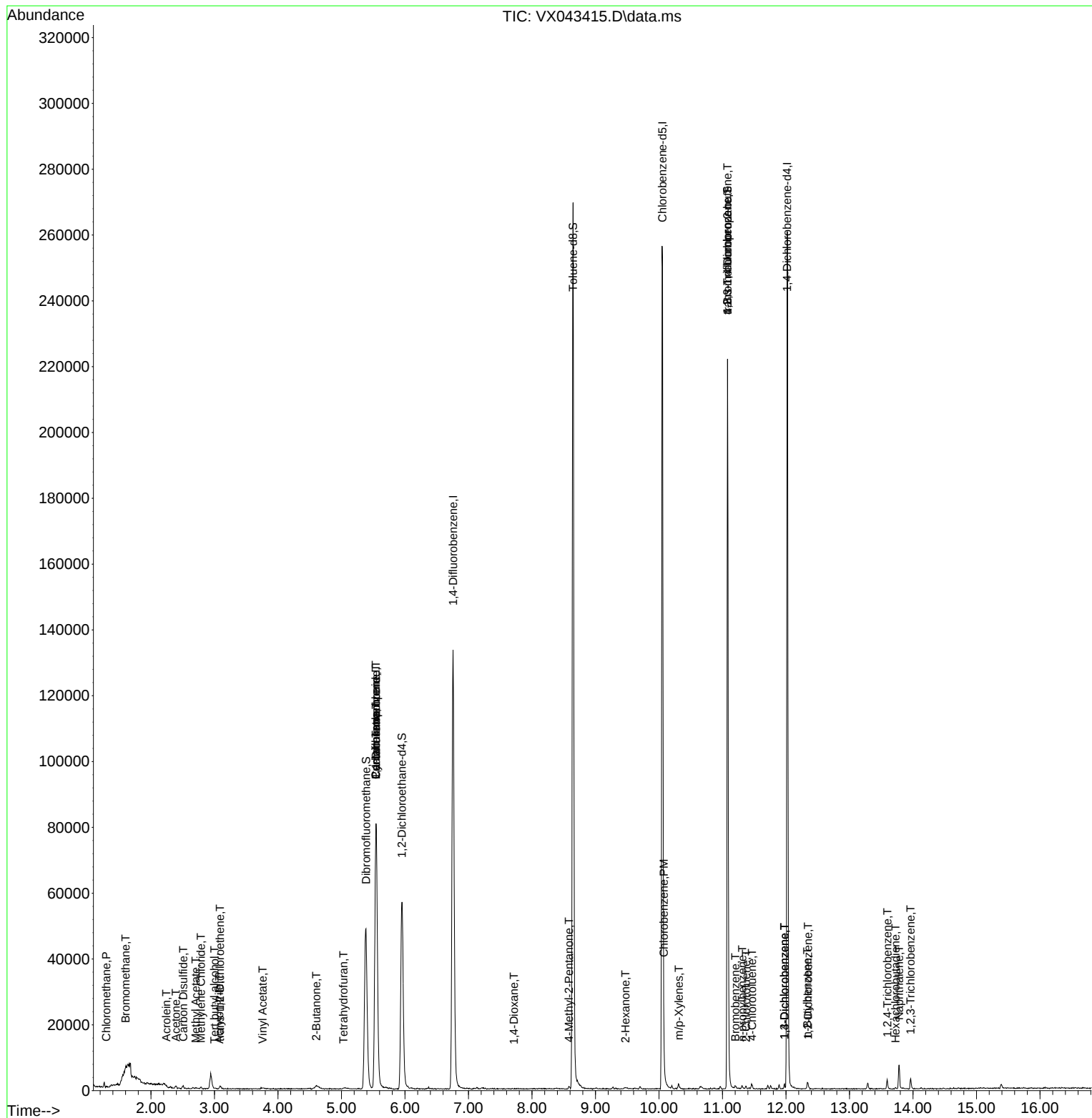
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

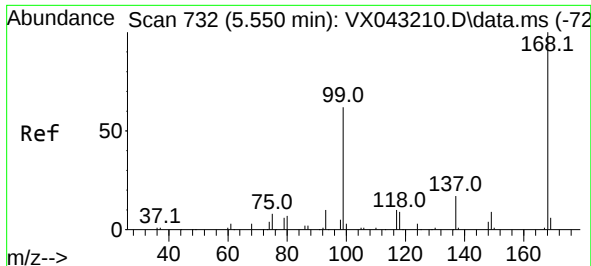
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

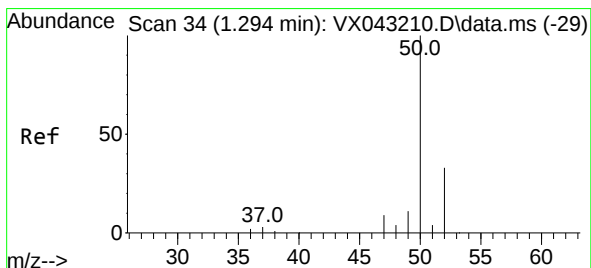
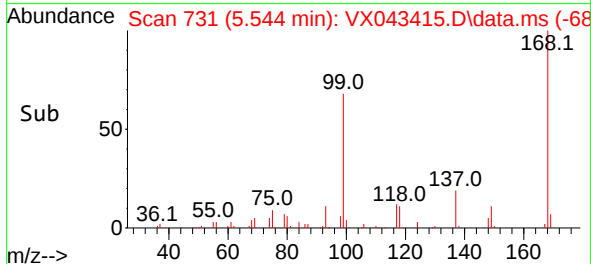
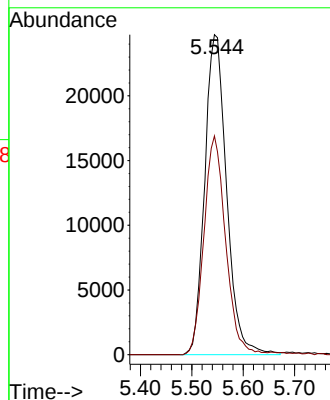
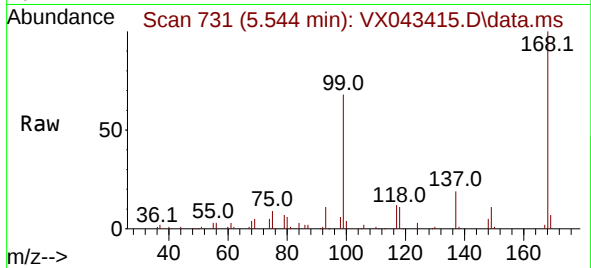




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

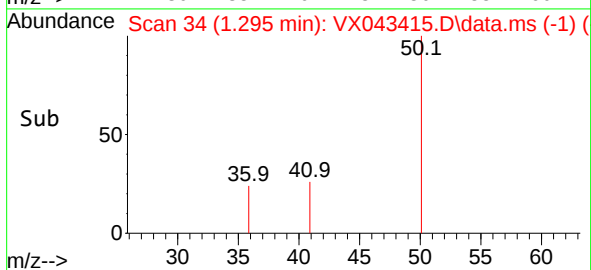
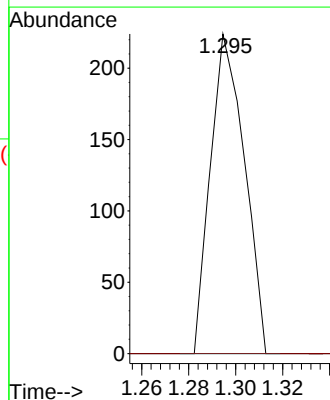
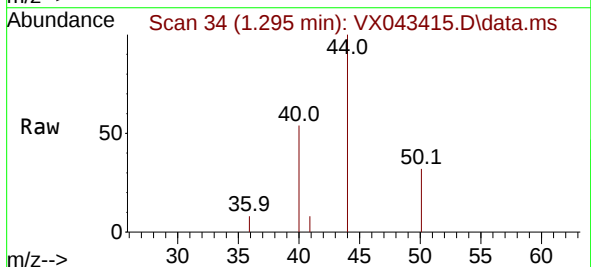
Instrument :  
MSVOA\_X  
ClientSampleId :

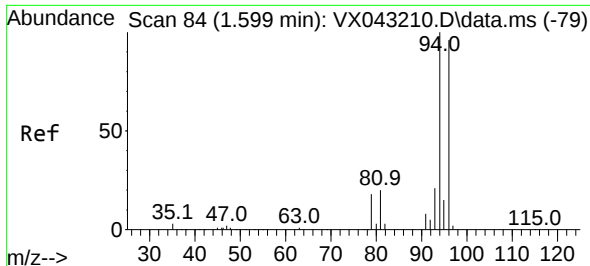
Tgt Ion:168 Resp: 73214  
Ion Ratio Lower Upper  
168 100  
99 68.4 49.7 74.5



#3  
Chloromethane  
Concen: 0.257 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 50 Resp: 225  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.1 39.1#

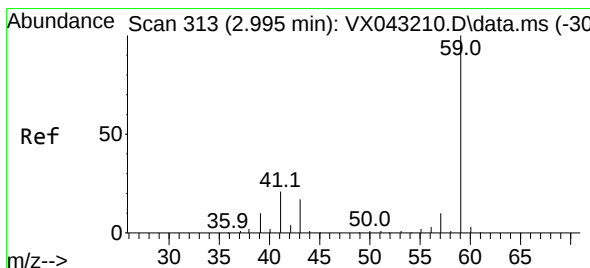
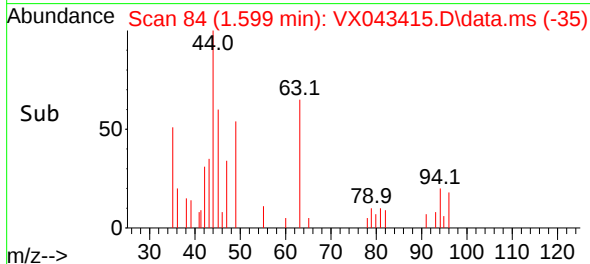
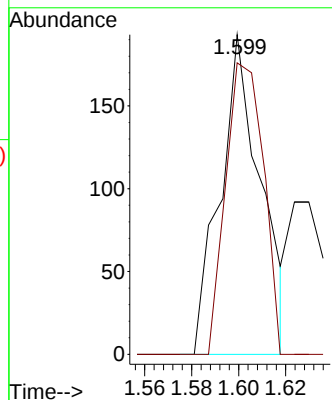
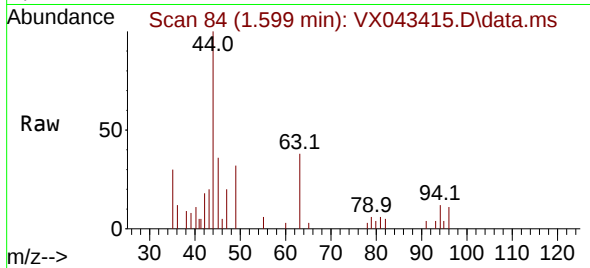




#5  
Bromomethane  
Concen: 0.646 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

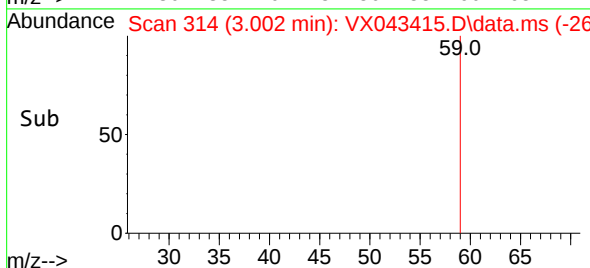
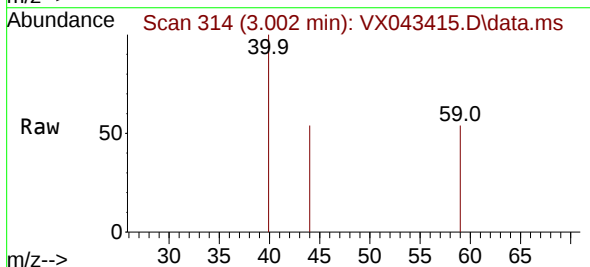
Instrument :  
MSVOA\_X  
ClientSampleId :

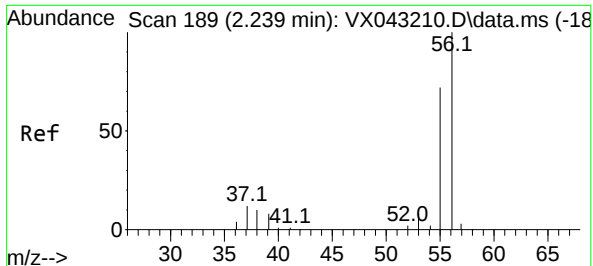
Tgt Ion: 94 Resp: 232  
Ion Ratio Lower Upper  
94 100  
96 91.2 76.6 115.0



#11  
Tert butyl alcohol  
Concen: 1.182 ug/l  
RT: 3.002 min Scan# 314  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

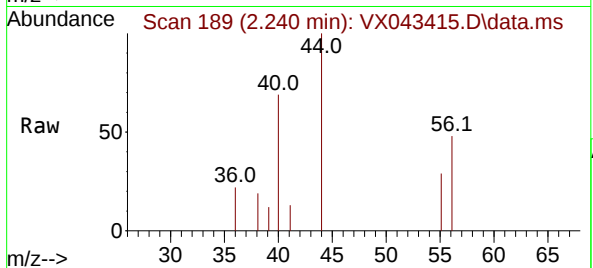
Tgt Ion: 59 Resp: 269  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 13.0#



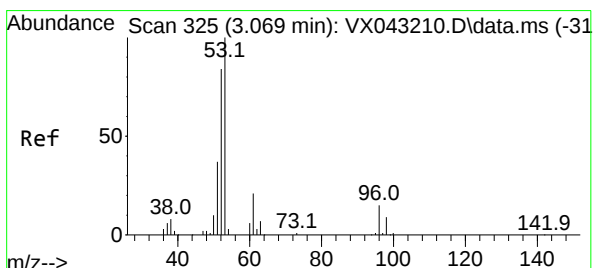
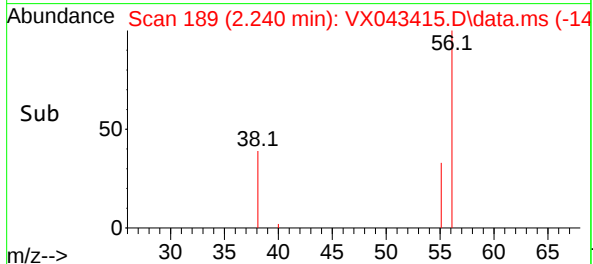
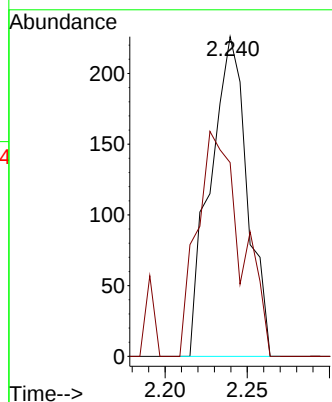


#13  
Acrolein  
Concen: 1.643 ug/l  
RT: 2.240 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :

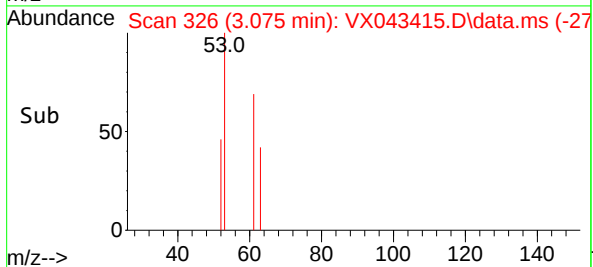
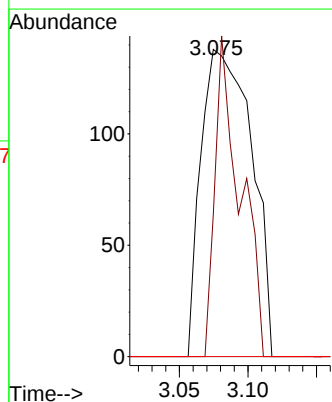
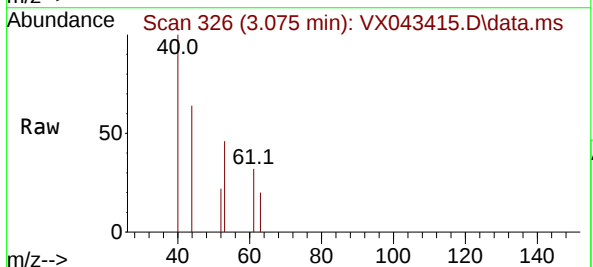


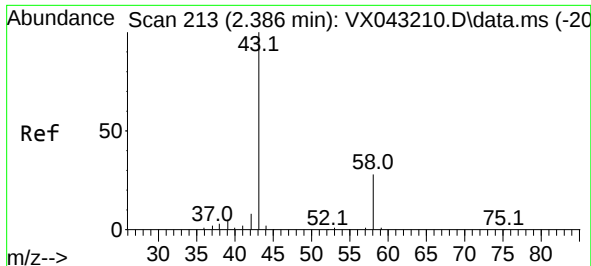
Tgt Ion: 56 Resp: 353  
Ion Ratio Lower Upper  
56 100  
55 83.3 57.4 86.0



#15  
Acrylonitrile  
Concen: 0.762 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 53 Resp: 354  
Ion Ratio Lower Upper  
53 100  
52 52.0 67.6 101.4#  
51 0.0 30.3 45.5#

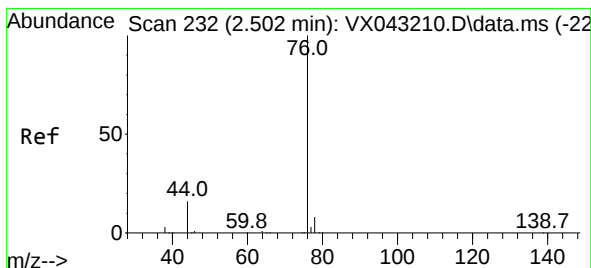
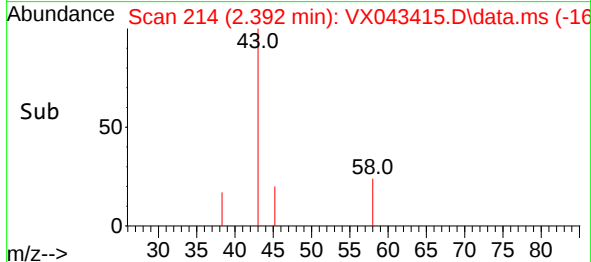
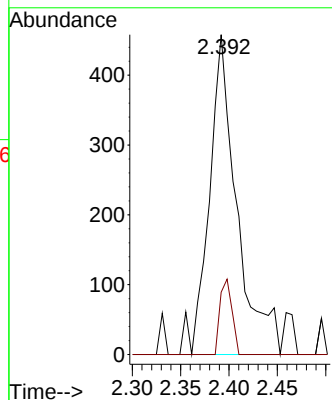
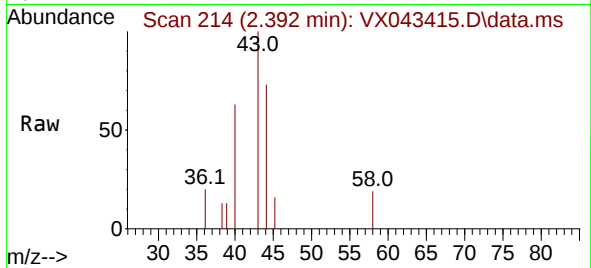




#16  
Acetone  
Concen: 1.826 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

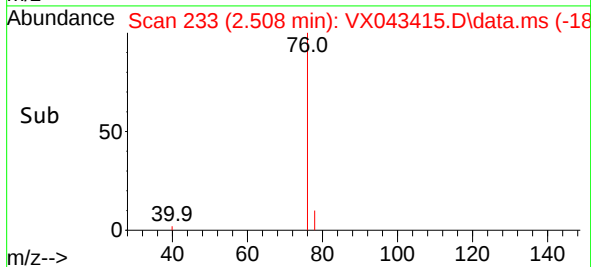
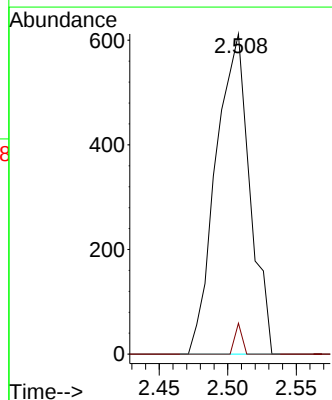
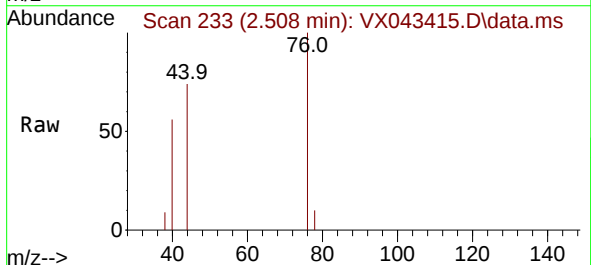
Instrument :  
MSVOA\_X  
ClientSampleId :

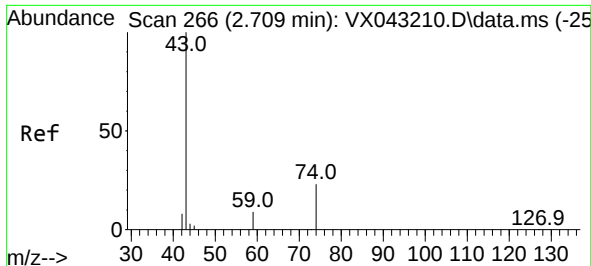
Tgt Ion: 43 Resp: 912  
Ion Ratio Lower Upper  
43 100  
58 19.4 22.6 33.8#



#17  
Carbon Disulfide  
Concen: 0.532 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 76 Resp: 1053  
Ion Ratio Lower Upper  
76 100  
78 9.6 6.7 10.1

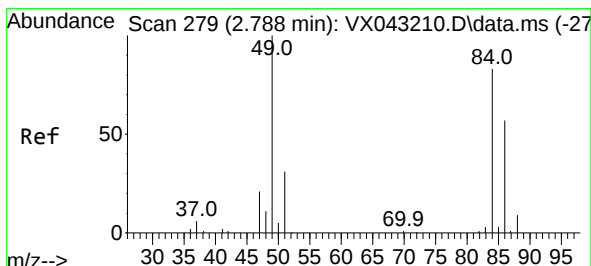
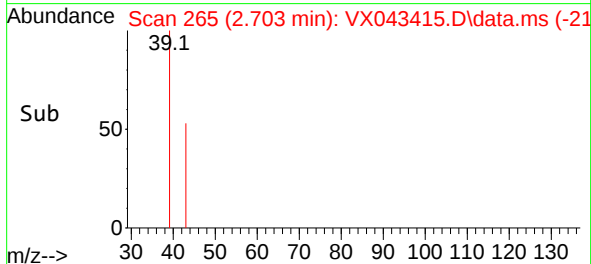
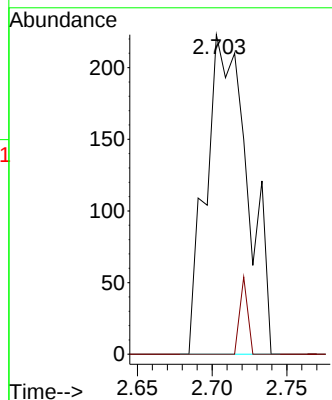
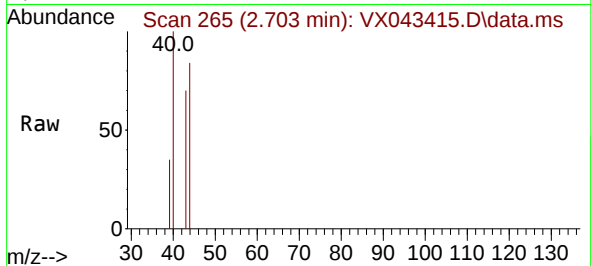




#18  
Methyl Acetate  
Concen: 0.342 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

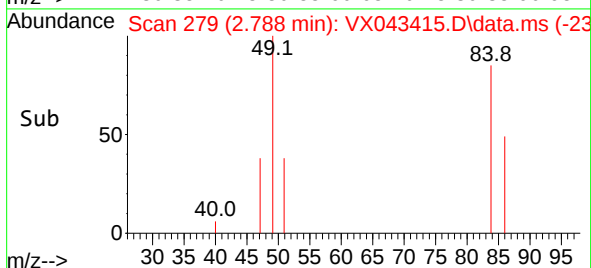
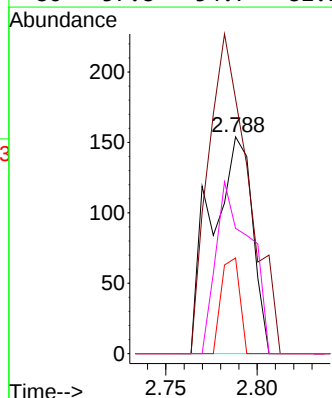
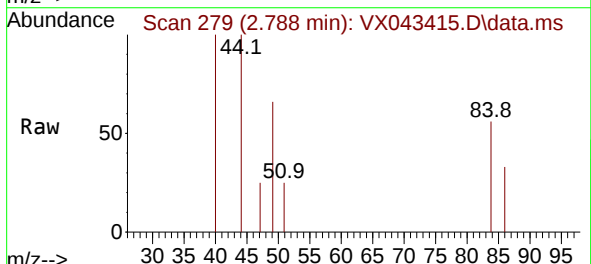
Instrument :  
MSVOA\_X  
ClientSampleId :

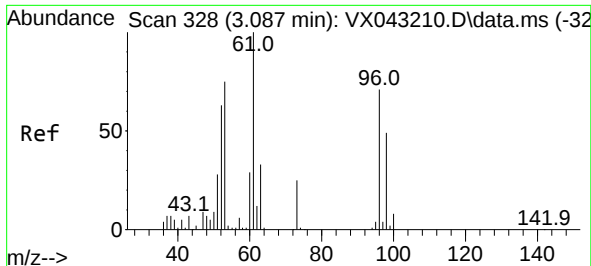
Tgt Ion: 43 Resp: 429  
Ion Ratio Lower Upper  
43 100  
74 4.7 19.1 28.7#



#20  
Methylene Chloride  
Concen: 0.262 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 84 Resp: 241  
Ion Ratio Lower Upper  
84 100  
49 117.5 96.7 145.1  
51 44.2 30.4 45.6  
86 57.8 54.7 82.1

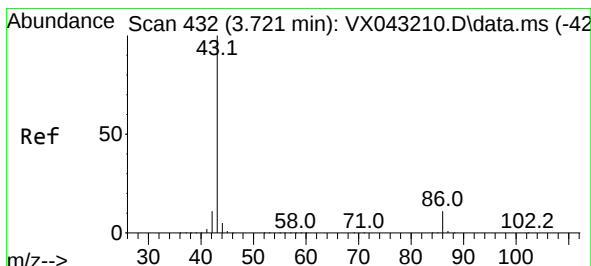
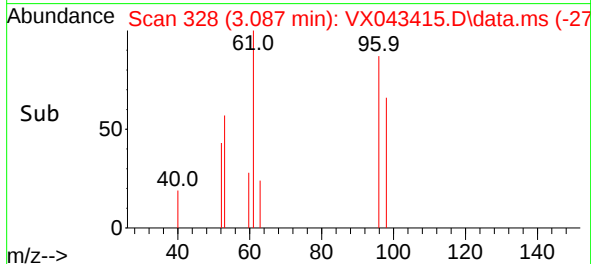
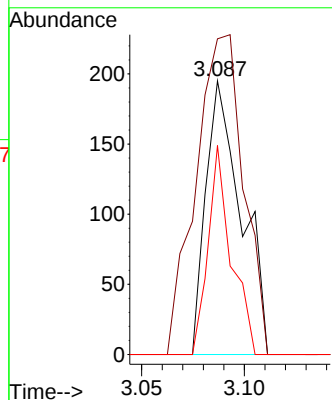
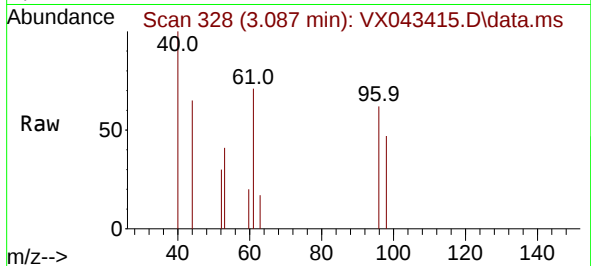




#21  
trans-1,2-Dichloroethene  
Concen: 0.289 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

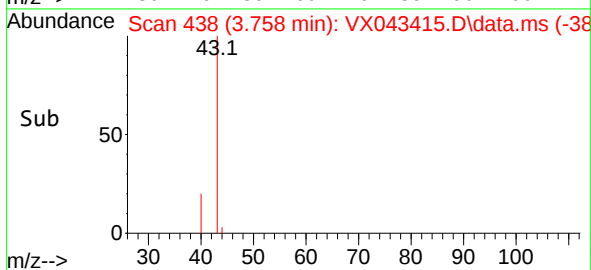
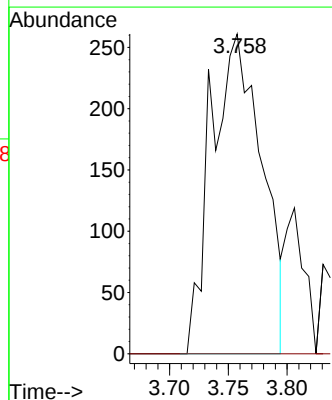
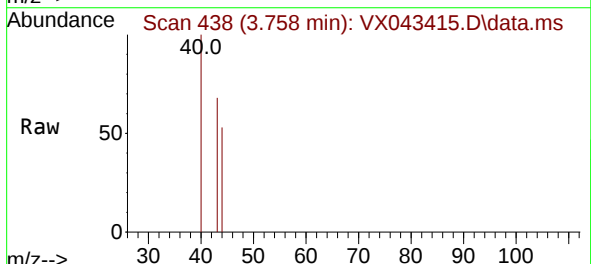
Instrument :  
MSVOA\_X  
ClientSampleId :

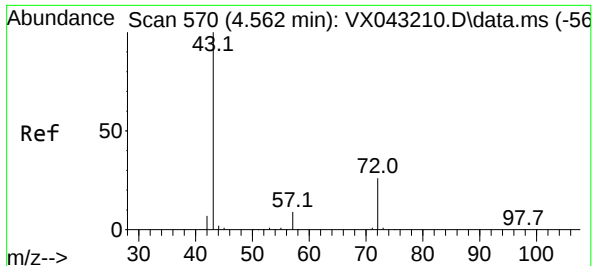
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Ion Ratio Lower Upper  
96 100  
61 115.4 112.3 168.5  
98 76.4 54.6 82.0



#23  
Vinyl Acetate  
Concen: 6.601 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.037 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 43 Resp: 785  
Ion Ratio Lower Upper  
43 100  
86 0.0 8.8 13.2#





#25

2-Butanone

Concen: 0.237 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

Instrument :

MSVOA\_X

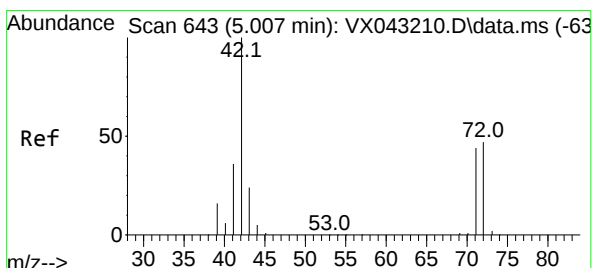
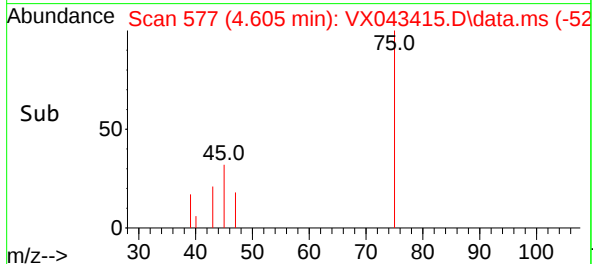
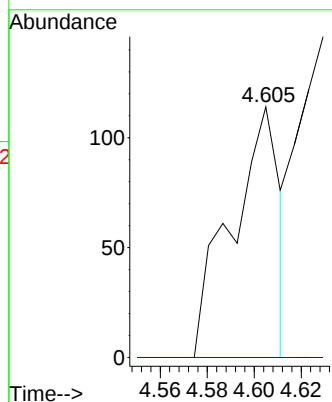
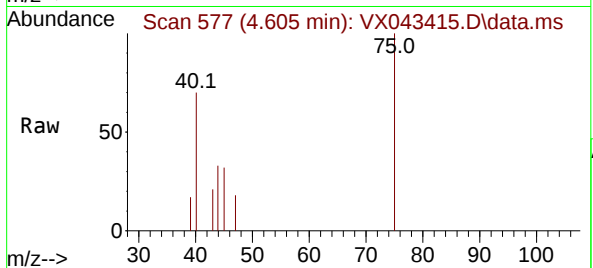
ClientSampleId :

Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#29

Tetrahydrofuran

Concen: 0.300 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.024 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

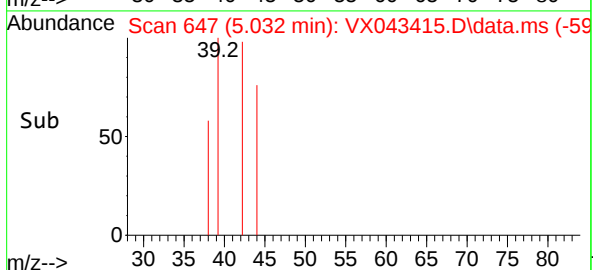
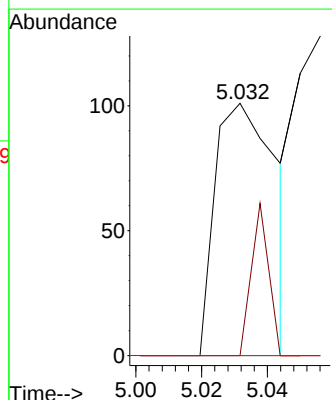
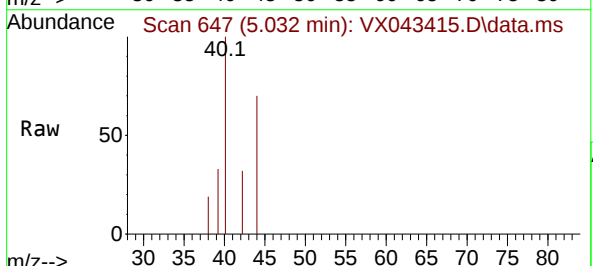
Tgt Ion: 42 Resp: 131

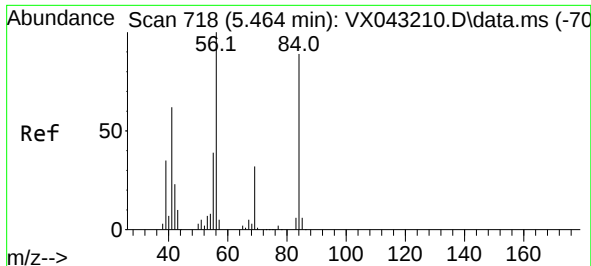
Ion Ratio Lower Upper

42 100

72 16.8 37.7 56.5#

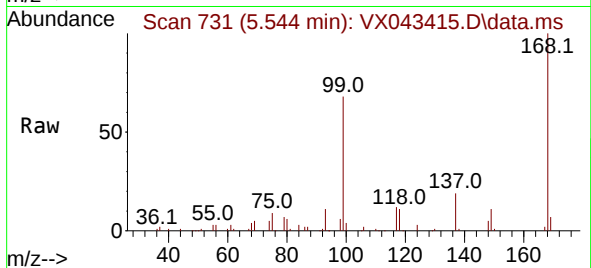
71 0.0 34.6 52.0#



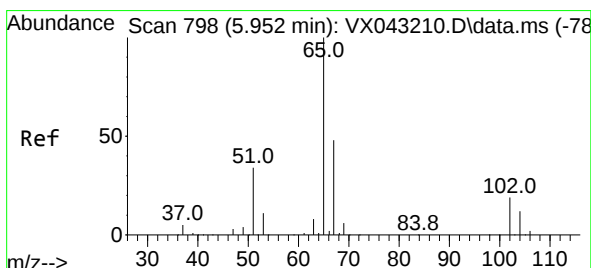
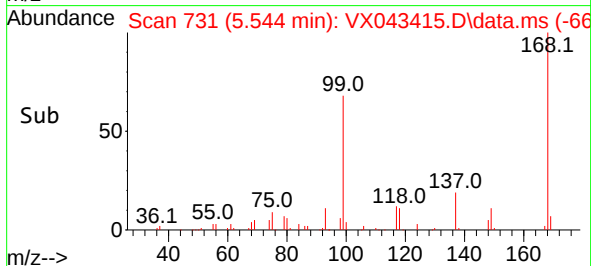
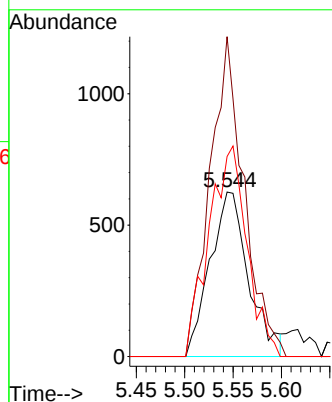


#31  
Cyclohexane  
Concen: 1.342 ug/l  
RT: 5.544 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :

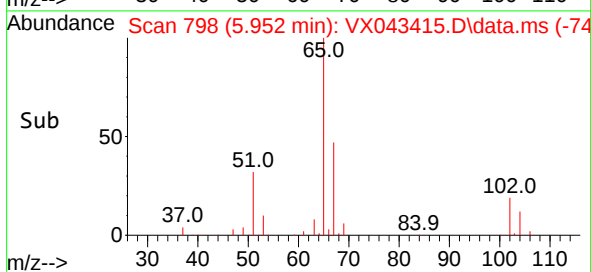
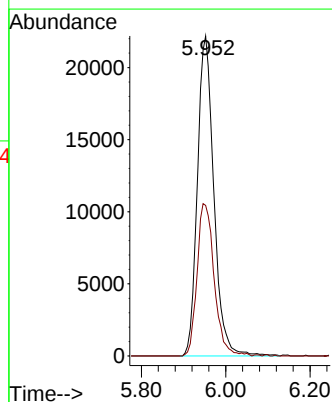
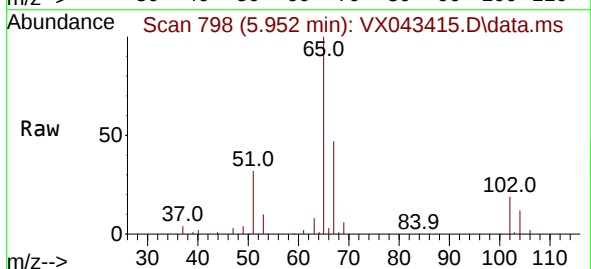


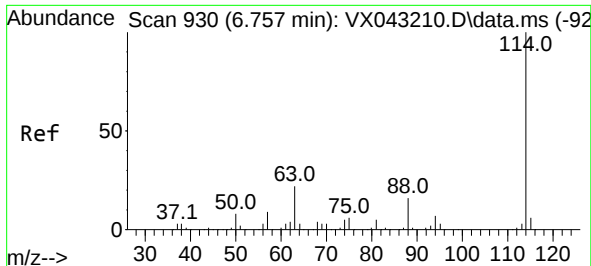
Tgt Ion: 56 Resp: 1732  
Ion Ratio Lower Upper  
56 100  
69 194.4 25.8 38.6#  
84 121.6 71.1 106.7#



#33  
1,2-Dichloroethane-d4  
Concen: 50.387 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 65 Resp: 60248  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 99.0

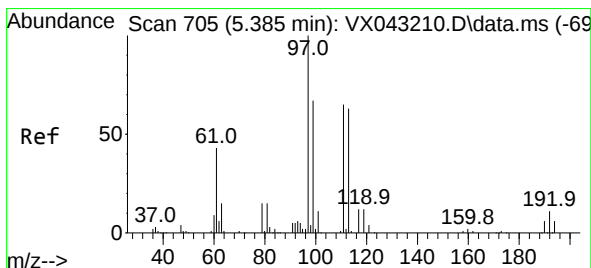
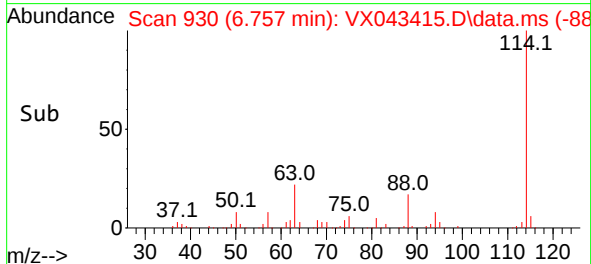
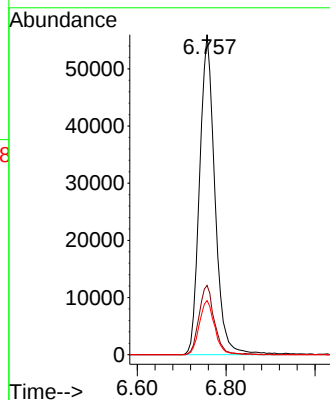
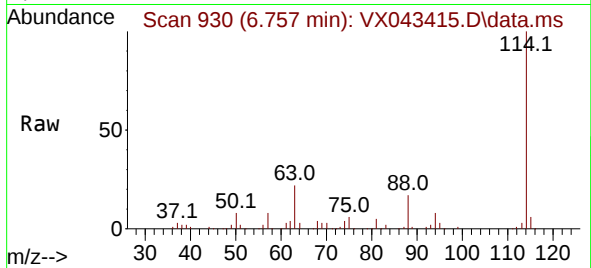




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

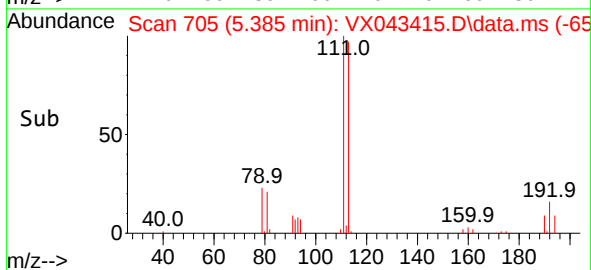
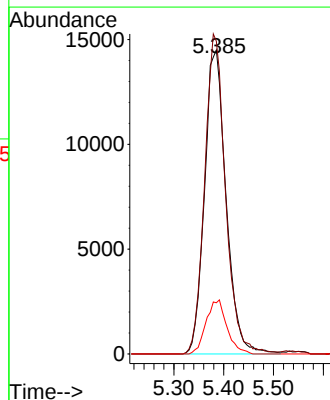
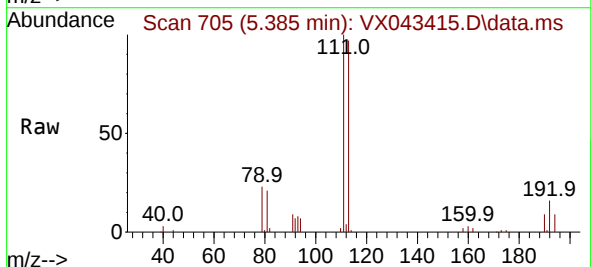
Instrument :  
MSVOA\_X  
ClientSampleId :

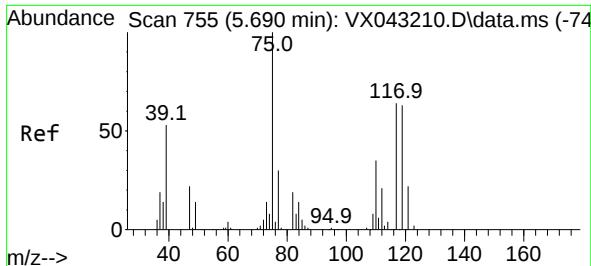
Tgt Ion:114 Resp: 134006  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 43.0  
88 16.9 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 47.090 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion:113 Resp: 43519  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.4 125.0  
192 17.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 5.458 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

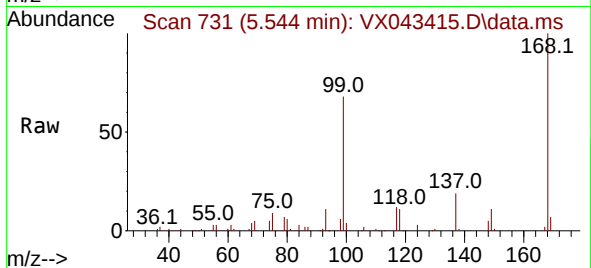
Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :



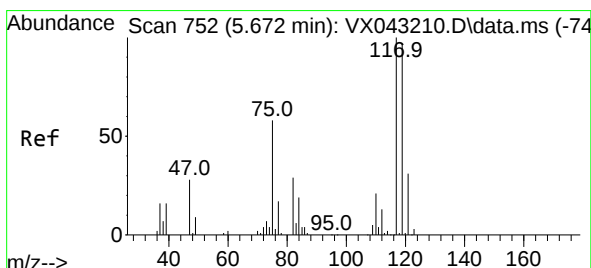
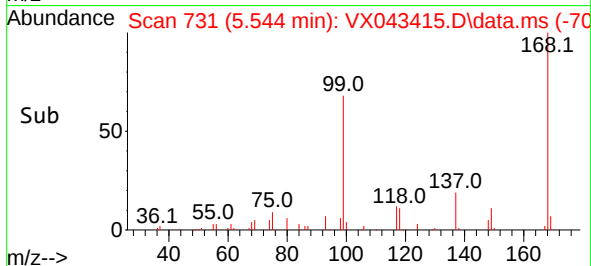
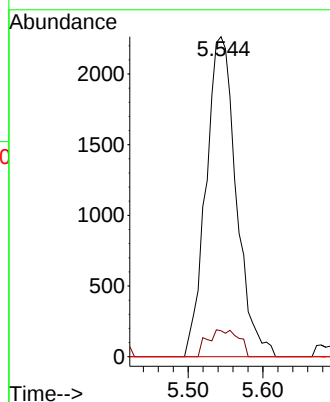
Tgt Ion: 75 Resp: 6372

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.093 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

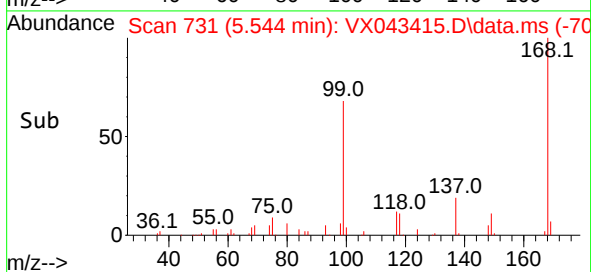
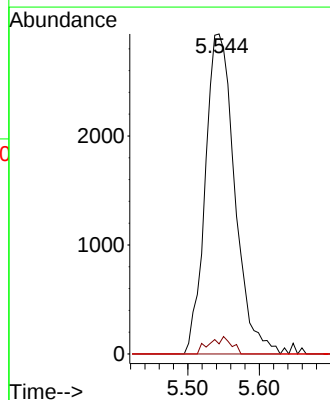
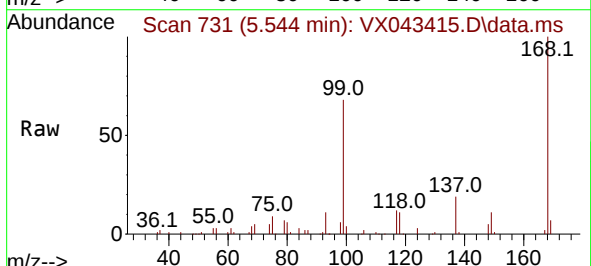
Tgt Ion: 117 Resp: 8421

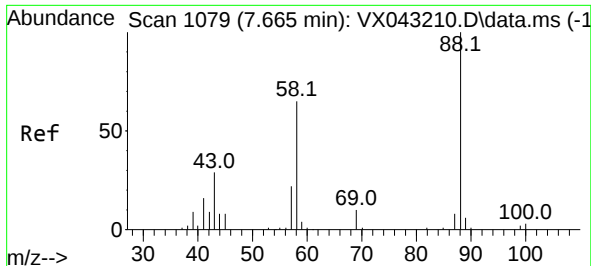
Ion Ratio Lower Upper

117 100

119 3.1 77.7 116.5#

121 0.0 24.3 36.5#

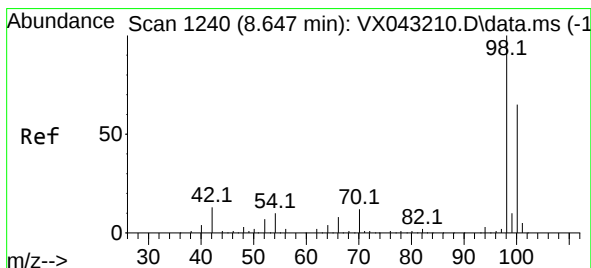
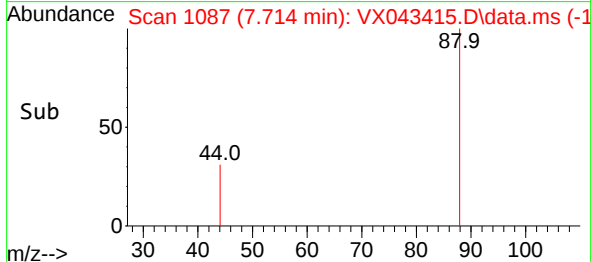
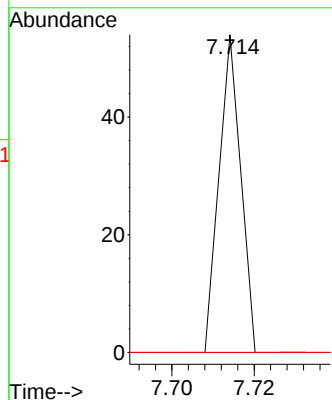
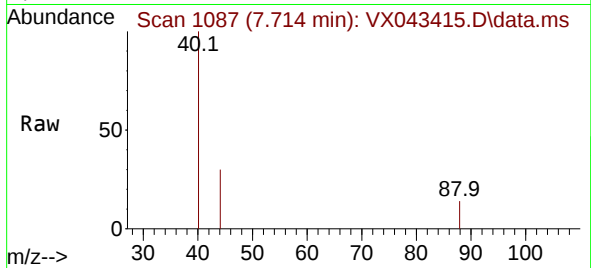




#49  
1,4-Dioxane  
Concen: 0.905 ug/l  
RT: 7.714 min Scan# 1079  
Delta R.T. 0.049 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

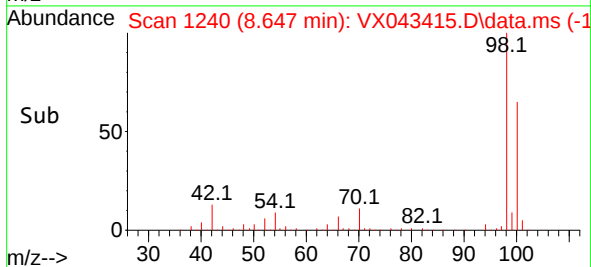
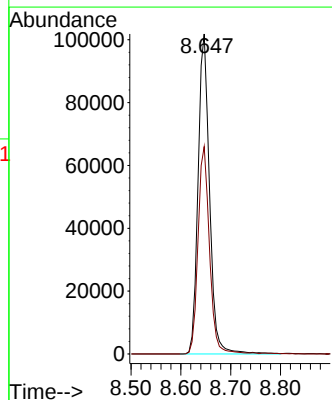
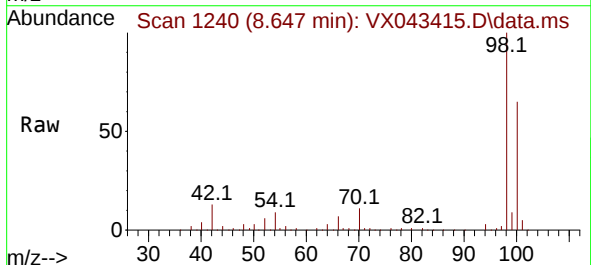
Instrument :  
MSVOA\_X  
ClientSampleId :

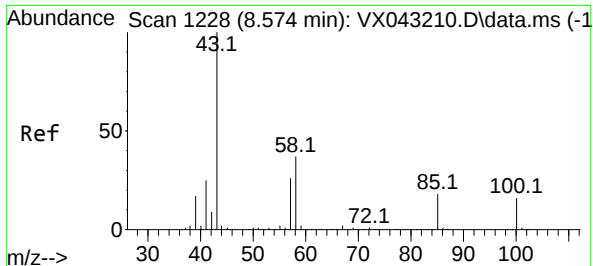
Tgt Ion: 88 Resp: 20  
Ion Ratio Lower Upper  
88 100  
43 0.0 29.5 44.3#  
58 0.0 55.2 82.8#



#50  
Toluene-d8  
Concen: 50.679 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 98 Resp: 162307  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.409 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

Instrument :

MSVOA\_X

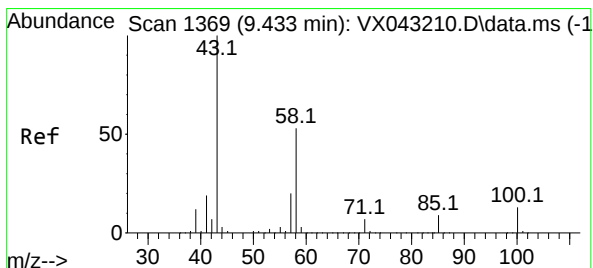
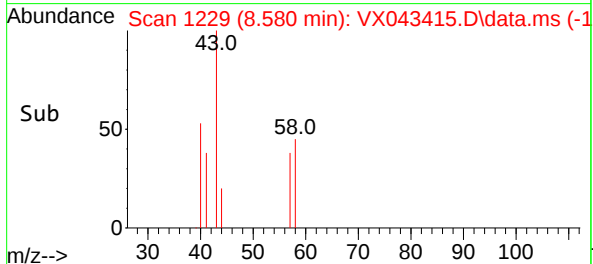
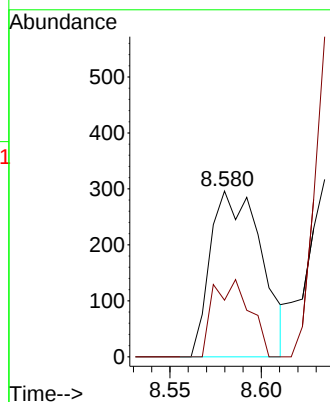
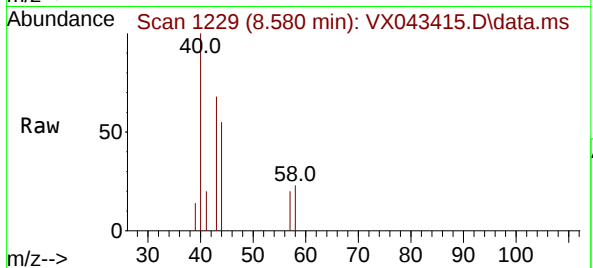
ClientSampleId :

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

58 33.4 30.0 45.0



#59

2-Hexanone

Concen: 0.403 ug/l

RT: 9.470 min Scan# 1375

Delta R.T. 0.037 min

Lab File: VX043415.D

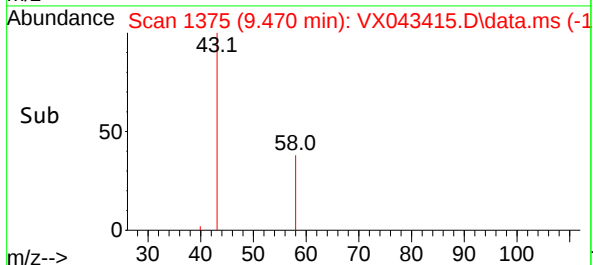
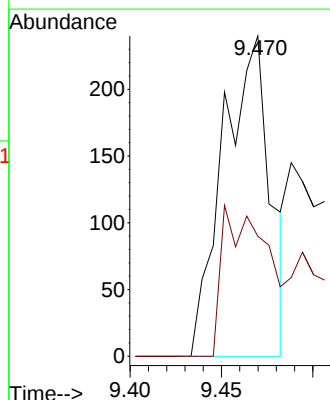
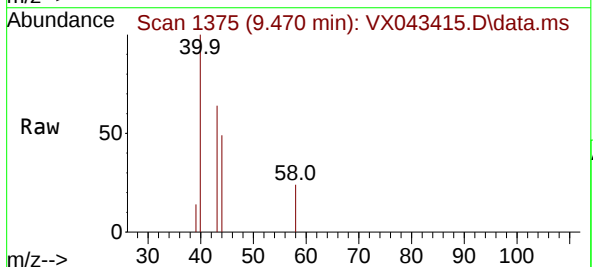
Acq: 16 Oct 2024 11:35

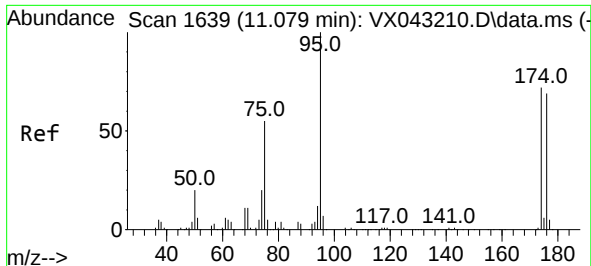
Tgt Ion: 43 Resp: 429

Ion Ratio Lower Upper

43 100

58 44.8 26.1 78.3

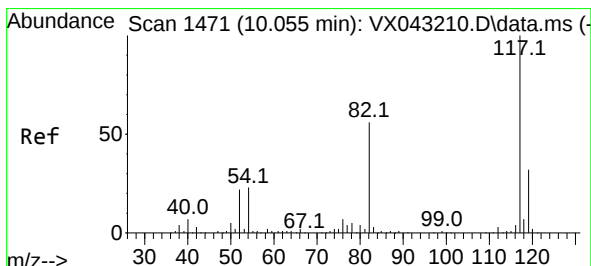
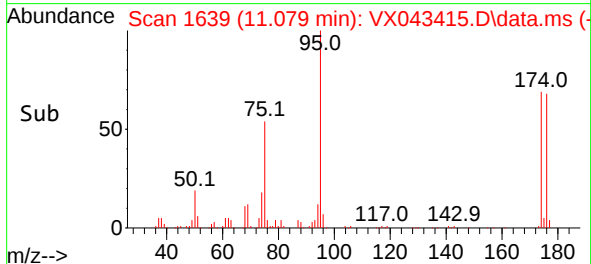
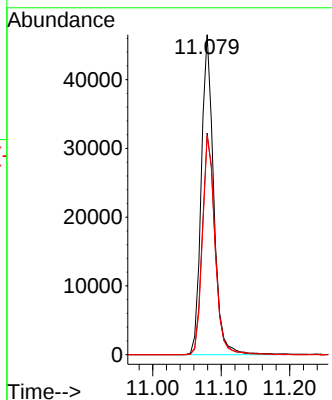
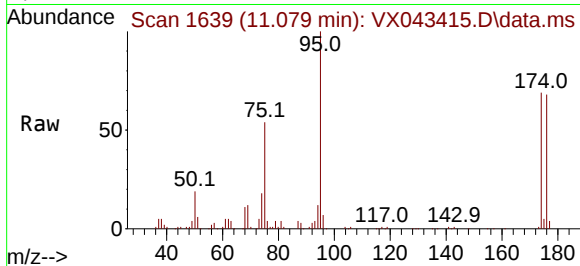




#62  
4-Bromofluorobenzene  
Concen: 50.499 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

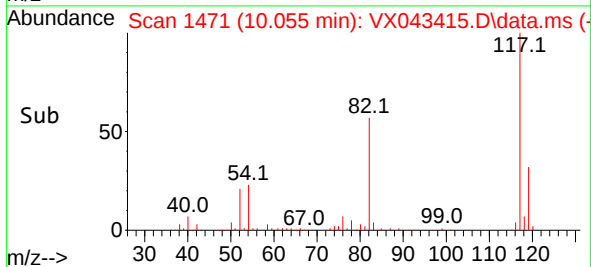
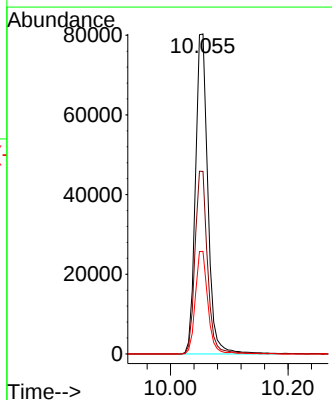
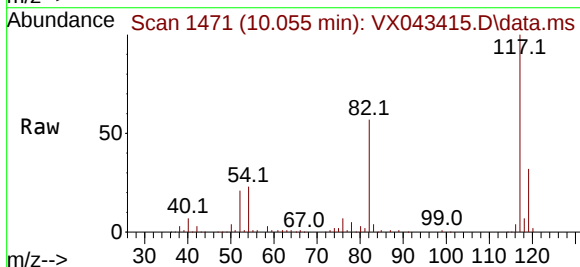
Instrument :  
MSVOA\_X  
ClientSampleId :

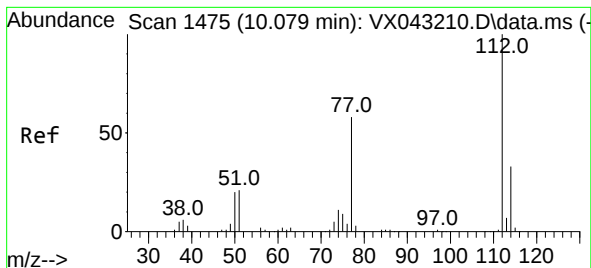
Tgt Ion: 95 Resp: 58755  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 145.0  
176 69.2 0.0 143.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 117 Resp: 118051  
Ion Ratio Lower Upper  
117 100  
82 57.0 45.0 67.6  
119 32.1 25.3 37.9





#65

Chlorobenzene

Concen: 0.212 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

Instrument :

MSVOA\_X

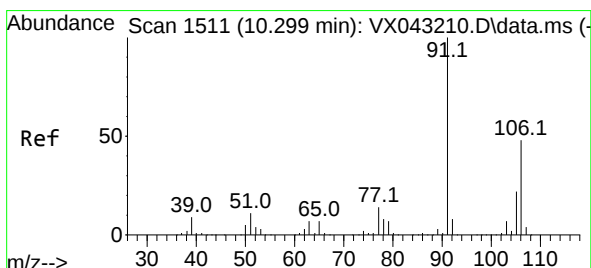
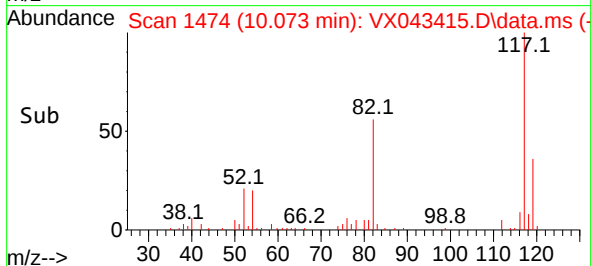
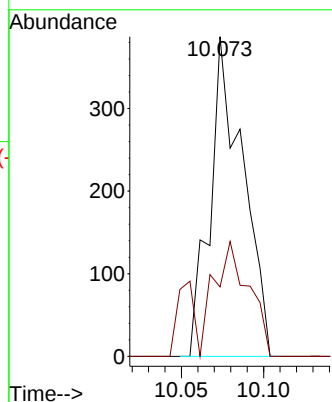
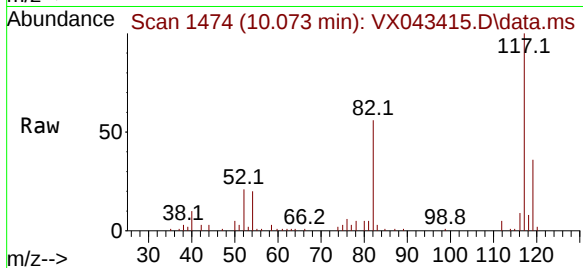
ClientSampleId :

Tgt Ion:112 Resp: 538

Ion Ratio Lower Upper

112 100

114 21.7 26.4 39.6#



#68

m/p-Xylenes

Concen: 0.314 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX043415.D

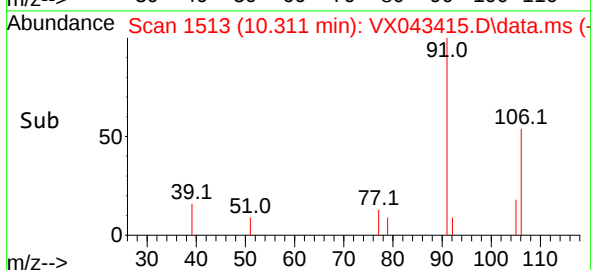
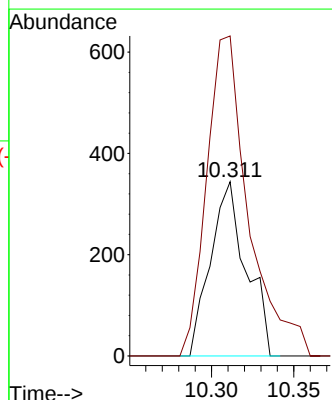
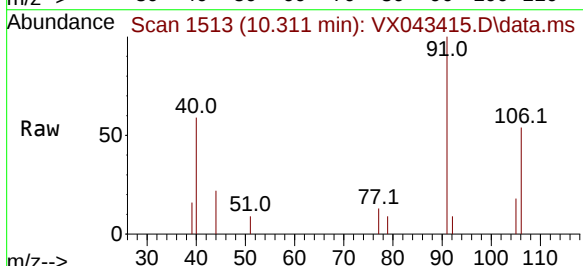
Acq: 16 Oct 2024 11:35

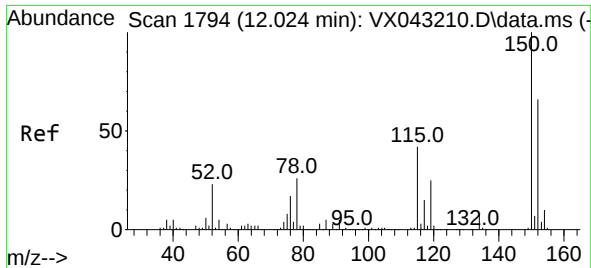
Tgt Ion:106 Resp: 520

Ion Ratio Lower Upper

106 100

91 215.4 167.0 250.6

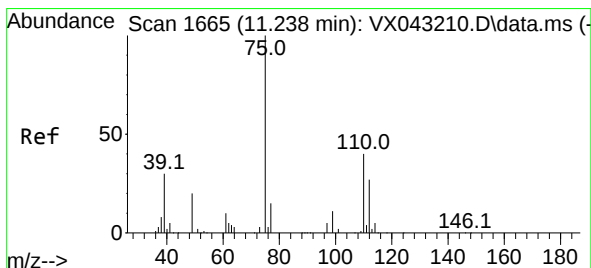
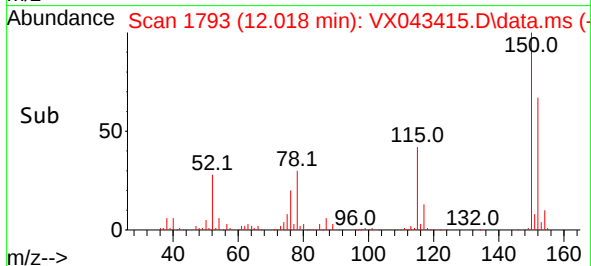
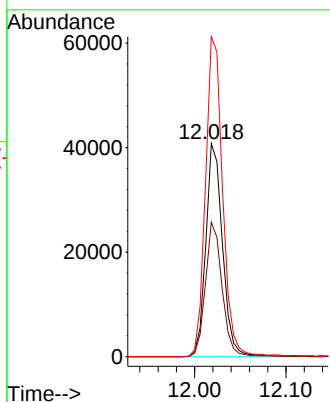
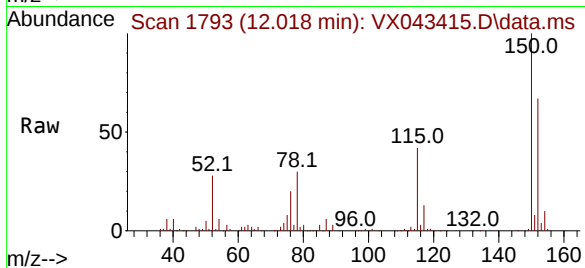




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

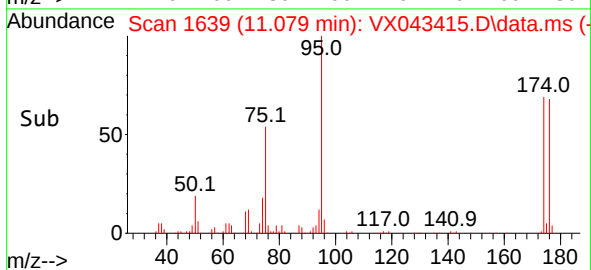
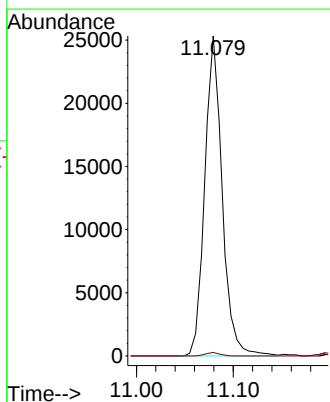
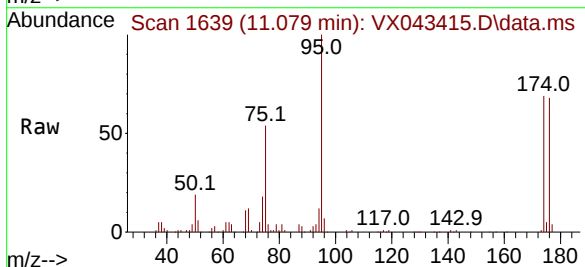
Instrument :  
MSVOA\_X  
ClientSampleId :

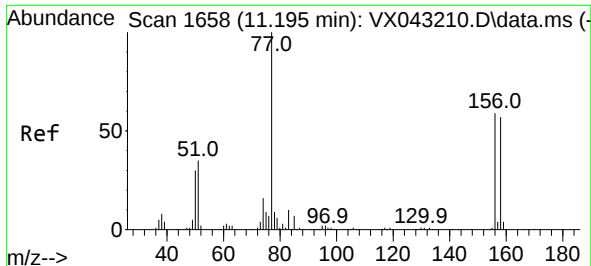
Tgt Ion:152 Resp: 51583  
Ion Ratio Lower Upper  
152 100  
115 63.3 44.1 132.3  
150 155.2 0.0 347.4



#76  
1,2,3-Trichloropropane  
Concen: 27.771 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 75 Resp: 31775  
Ion Ratio Lower Upper  
75 100  
77 0.9 22.0 66.0#

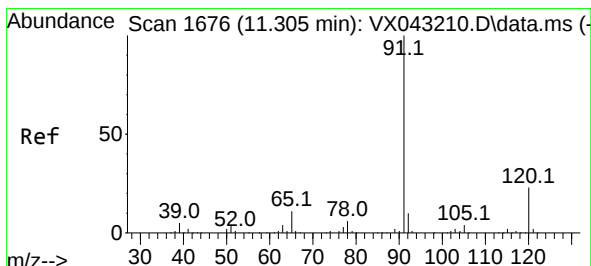
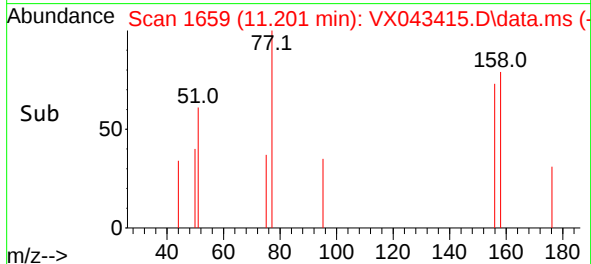
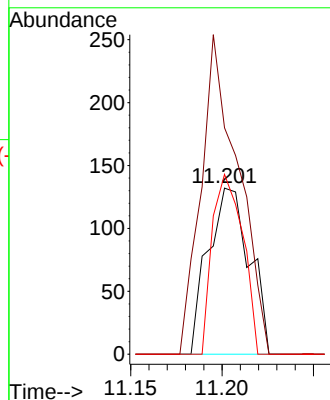
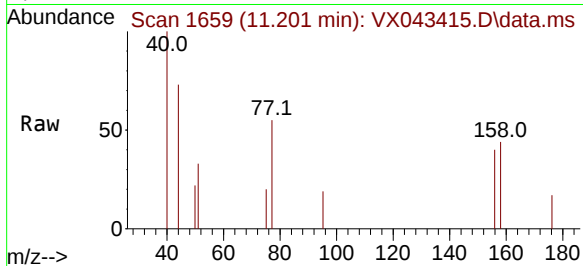




#77  
Bromobenzene  
Concen: 0.213 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

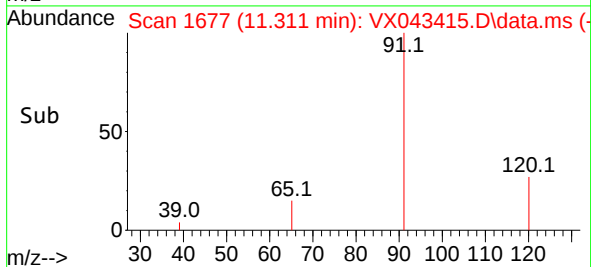
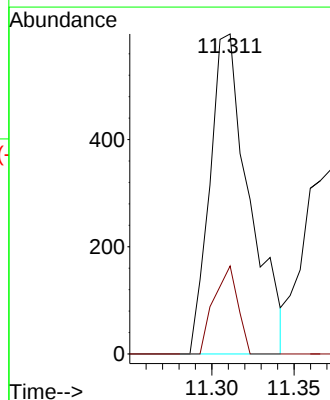
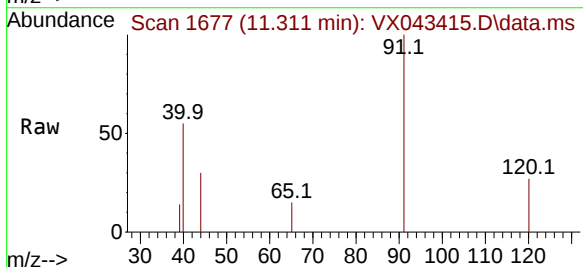
Instrument :  
MSVOA\_X  
ClientSampleId :

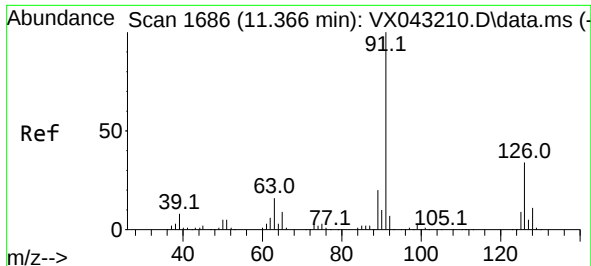
Tgt Ion:156 Resp: 208  
Ion Ratio Lower Upper  
156 100  
77 172.6 82.0 245.8  
158 79.8 48.1 144.3



#78  
n-propylbenzene  
Concen: 0.227 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 91 Resp: 998  
Ion Ratio Lower Upper  
91 100  
120 16.6 11.4 34.1

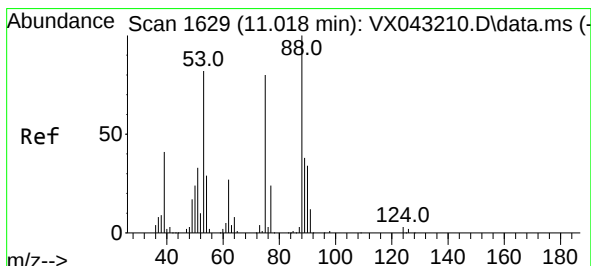
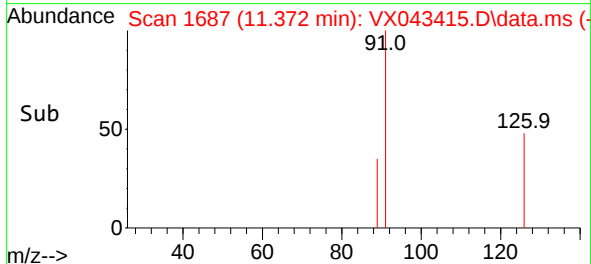
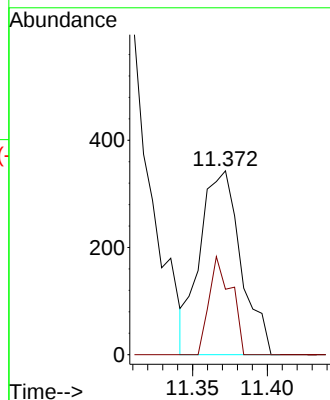
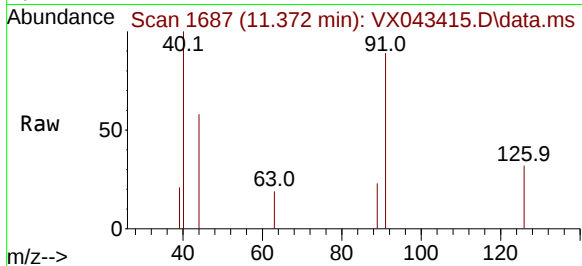




#79  
2-Chlorotoluene  
Concen: 0.231 ug/l  
RT: 11.372 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

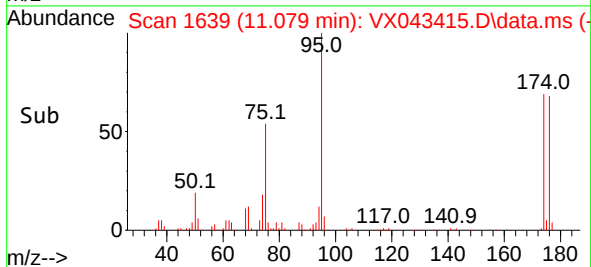
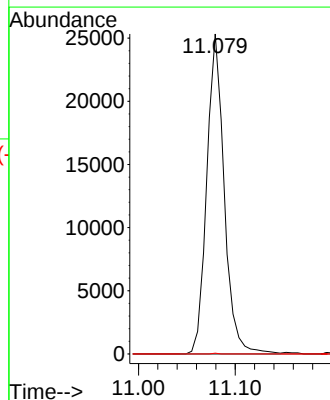
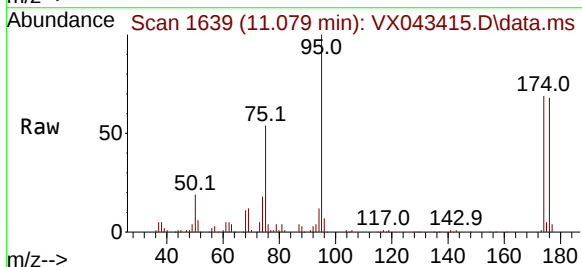
Instrument :  
MSVOA\_X  
ClientSampleId :

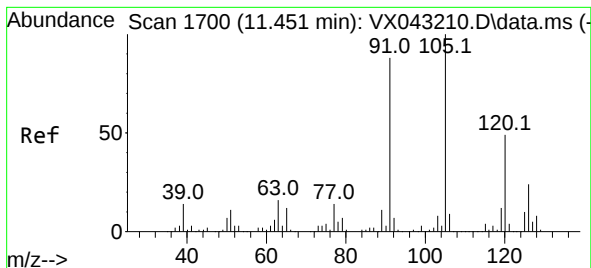
Tgt Ion: 91 Resp: 653  
Ion Ratio Lower Upper  
91 100  
126 28.8 16.6 49.7



#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.973 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Tgt Ion: 75 Resp: 31775  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.9 125.9#  
89 0.1 38.6 58.0#





#82

4-Chlorotoluene

Concen: 0.259 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.012 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

Instrument :

MSVOA\_X

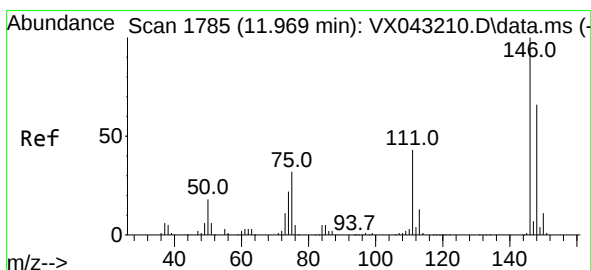
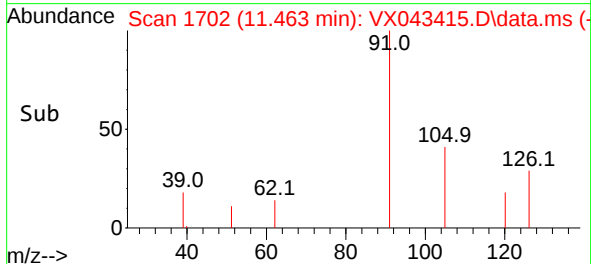
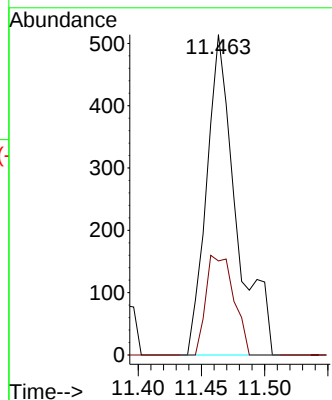
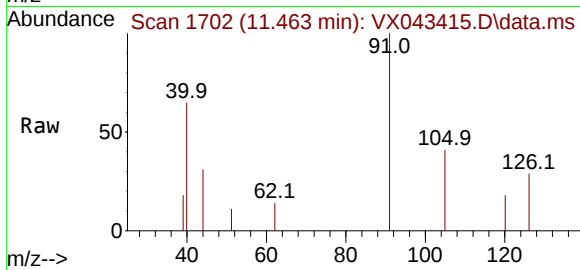
ClientSampleId :

Tgt Ion: 91 Resp: 835

Ion Ratio Lower Upper

91 100

126 29.3 14.1 42.3



#87

1,3-Dichlorobenzene

Concen: 0.307 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043415.D

Acq: 16 Oct 2024 11:35

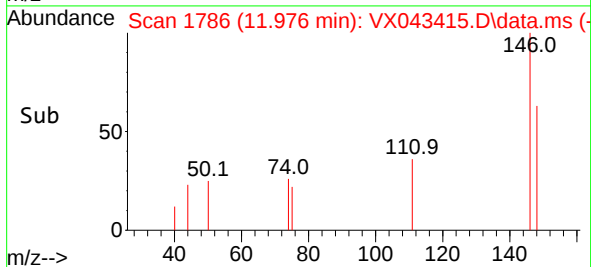
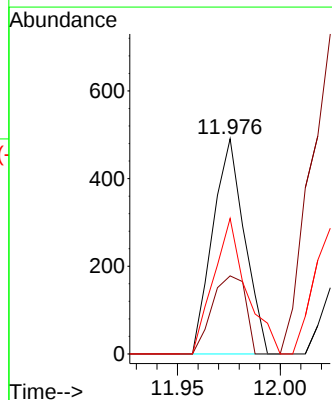
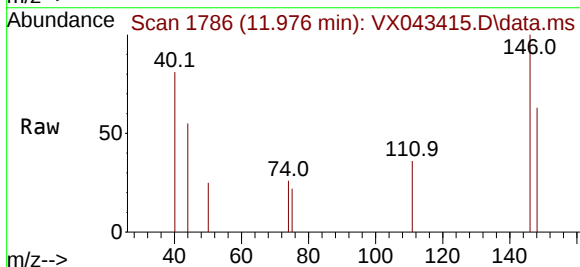
Tgt Ion:146 Resp: 527

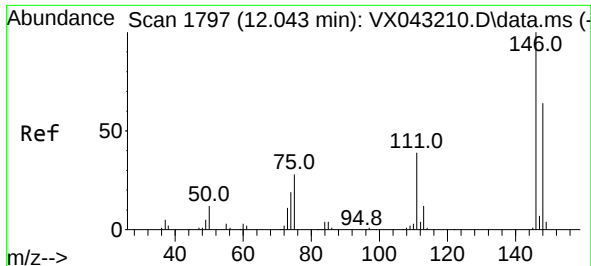
Ion Ratio Lower Upper

146 100

111 38.1 21.8 65.3

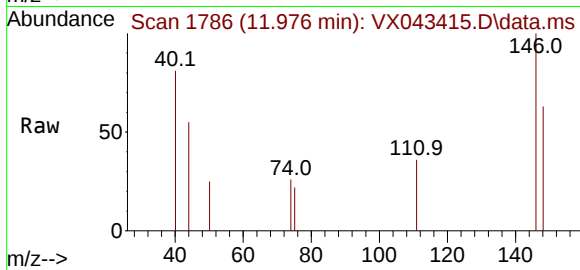
148 65.7 32.4 97.2



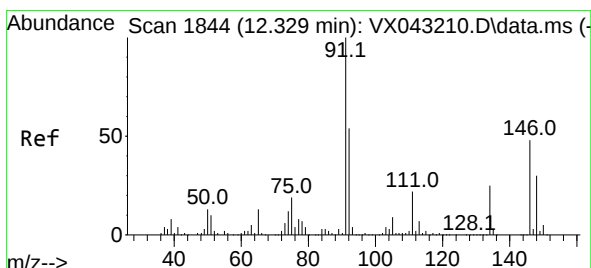
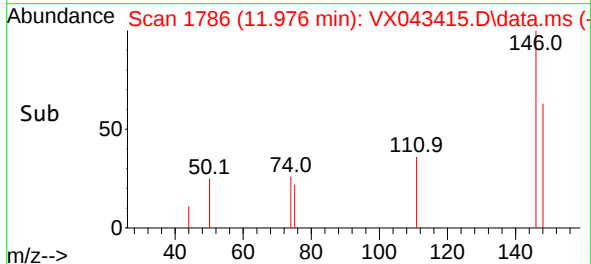
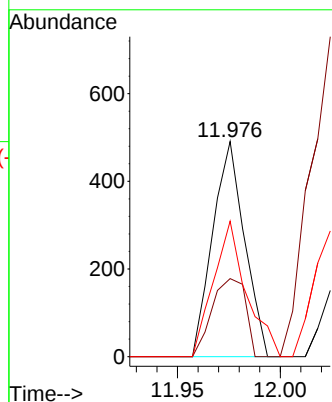


#88  
1,4-Dichlorobenzene  
Concen: 0.297 ug/l  
RT: 11.976 min Scan# 11  
Delta R.T. -0.067 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :

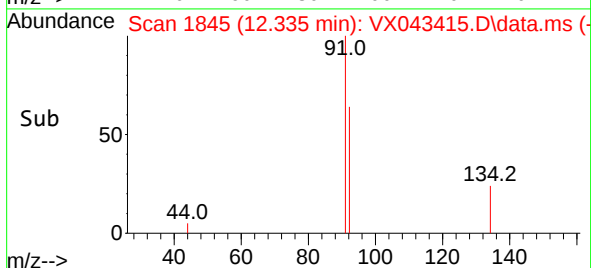
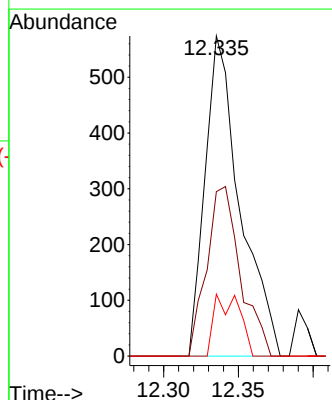
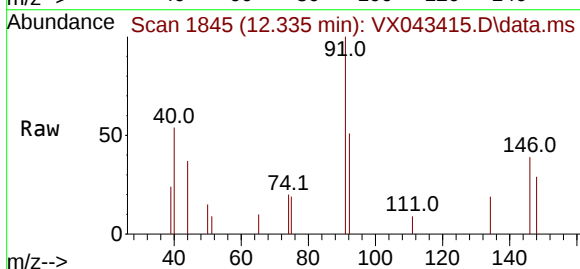


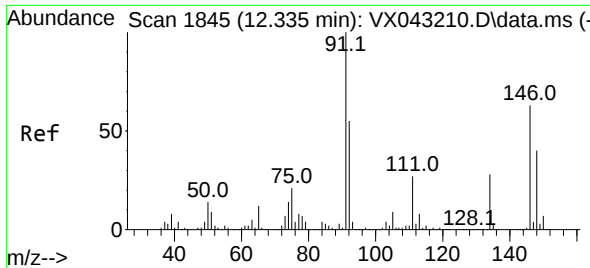
Tgt Ion:146 Resp: 527  
Ion Ratio Lower Upper  
146 100  
111 38.1 20.8 62.5  
148 65.7 32.4 97.0



#89  
n-Butylbenzene  
Concen: 0.330 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

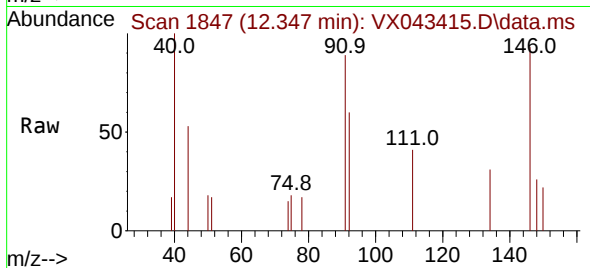
Tgt Ion: 91 Resp: 931  
Ion Ratio Lower Upper  
91 100  
92 51.2 27.0 81.0  
134 14.1 12.9 38.6



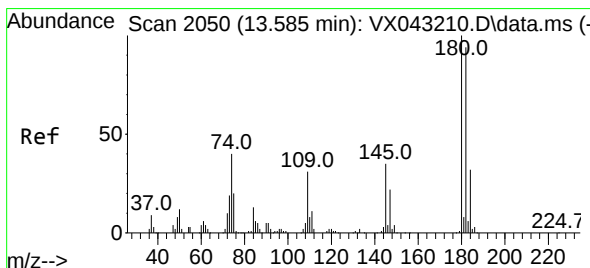
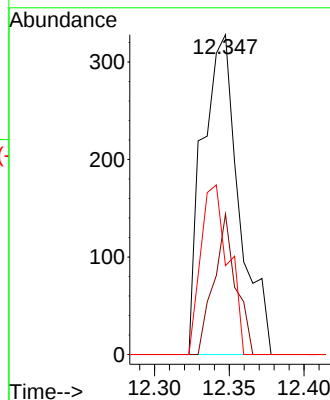
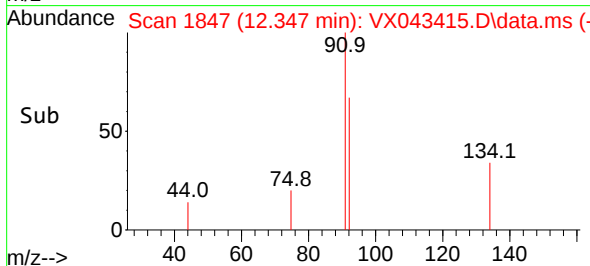


#91  
1,2-Dichlorobenzene  
Concen: 0.317 ug/l  
RT: 12.347 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

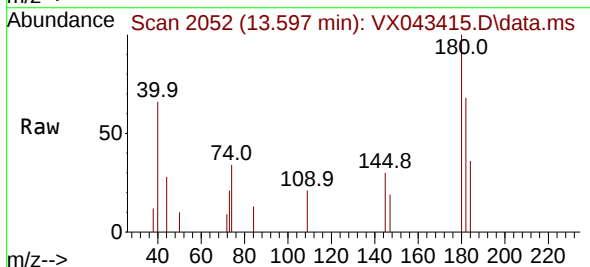
Instrument :  
MSVOA\_X  
ClientSampleId :



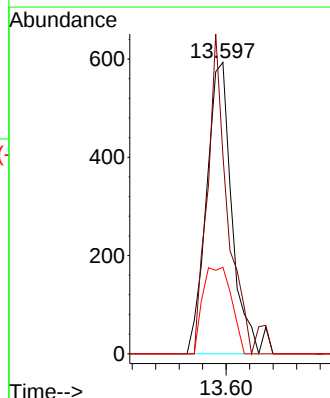
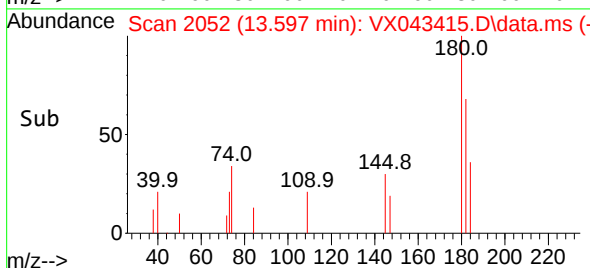
Tgt Ion:146 Resp: 557  
Ion Ratio Lower Upper  
146 100  
111 26.4 21.9 65.5  
148 40.2 31.9 95.5

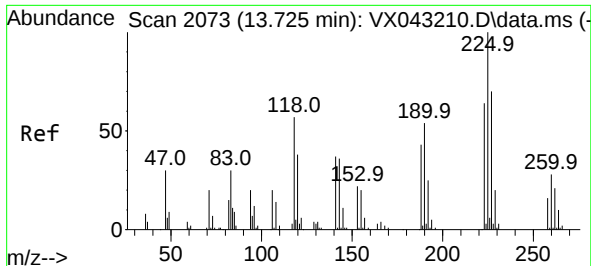


#93  
1,2,4-Trichlorobenzene  
Concen: 0.888 ug/l  
RT: 13.597 min Scan# 2052  
Delta R.T. 0.012 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35



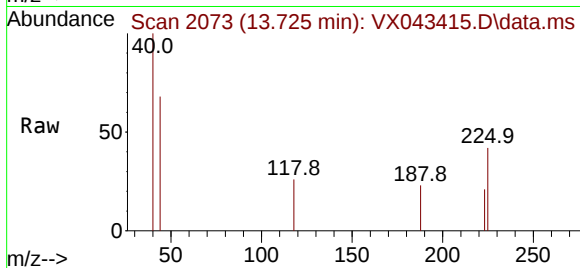
Tgt Ion:180 Resp: 900  
Ion Ratio Lower Upper  
180 100  
182 84.2 47.1 141.3  
145 33.2 16.6 49.8



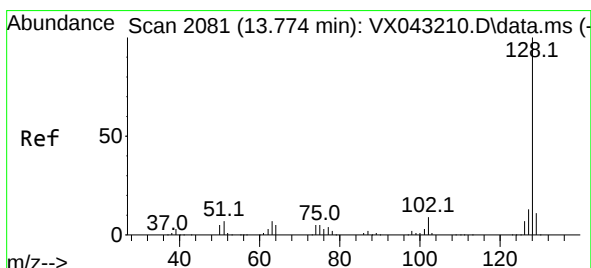
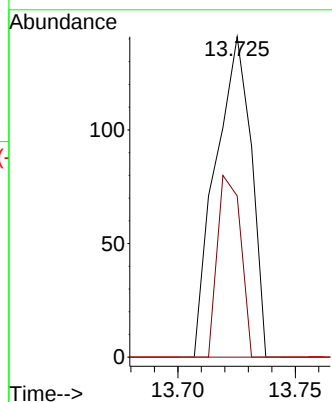
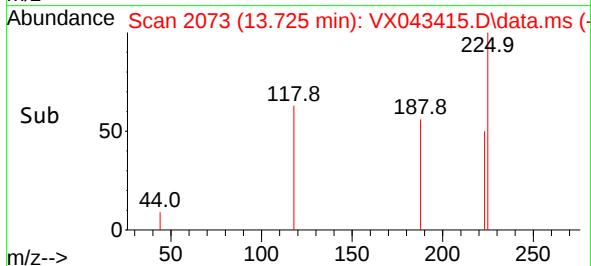


#94  
Hexachlorobutadiene  
Concen: 0.371 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :

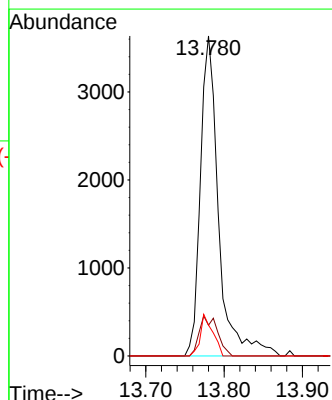
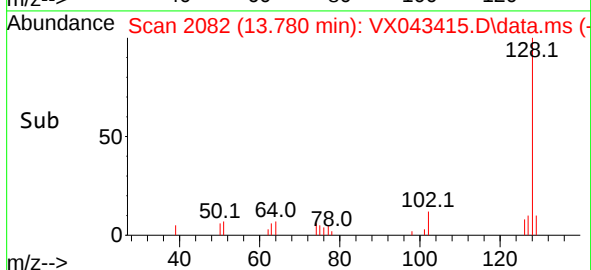
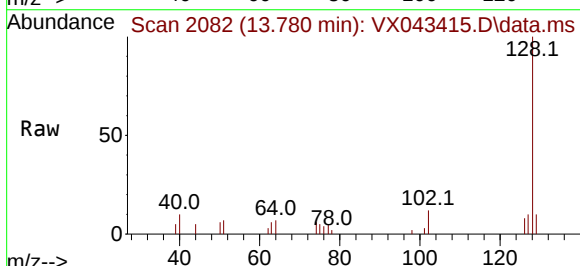


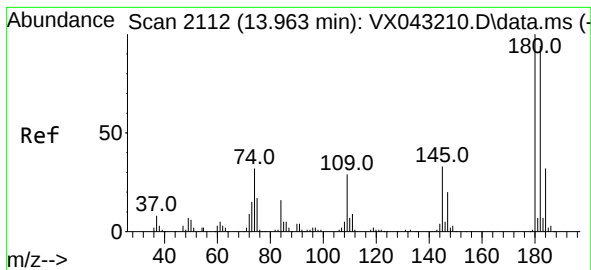
Tgt Ion:225 Resp: 149  
Ion Ratio Lower Upper  
225 100  
223 36.9 30.8 92.4  
227 0.0 32.2 96.6#



#95  
Naphthalene  
Concen: 1.577 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX043415.D  
Acq: 16 Oct 2024 11:35

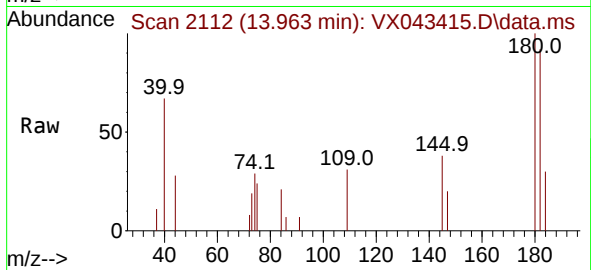
Tgt Ion:128 Resp: 5877  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.2  
129 8.9 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.950 ug/l  
 RT: 13.963 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VX043415.D  
 Acq: 16 Oct 2024 11:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 994   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.8  | 46.5  | 139.3 |
| 145      | 37.8  | 17.2  | 51.6  |

