

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102725\  
 Data File : VY023588.D  
 Acq On : 27 Oct 2025 10:39  
 Operator : SY/MD  
 Sample : VY1027SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

Quant Time: Oct 28 04:37:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:12:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 484571   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 706753   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 619972   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 325402   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 193100   | 47.655   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.300%  |
| 35) Dibromofluoromethane    | 7.634  | 113   | 220579   | 50.793   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.580% |
| 50) Toluene-d8              | 10.109 | 98    | 819582   | 50.678   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 101.360% |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 266662   | 49.943   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 99.880%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 73923  | 21.194  | ug/l   | 98  |
| 3) Chloromethane             | 2.074 | 50  | 94310  | 19.849  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.208 | 62  | 126987 | 20.519  | ug/l   | 98  |
| 5) Bromomethane              | 2.592 | 94  | 112407 | 21.644  | ug/l   | 96  |
| 6) Chloroethane              | 2.733 | 64  | 90066  | 21.350  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 183391 | 21.342  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.458 | 74  | 46778  | 20.833  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 99618  | 22.341  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.007 | 142 | 106832 | 21.521  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.860 | 59  | 29585  | 98.142  | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 91956  | 21.274  | ug/l   | 95  |
| 13) Acrolein                 | 3.653 | 56  | 19614  | 46.047  | ug/l   | 100 |
| 14) Allyl chloride           | 4.385 | 41  | 110880 | 21.048  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.061 | 53  | 87514  | 101.845 | ug/l   | 100 |
| 16) Acetone                  | 3.866 | 43  | 130974 | 135.771 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.110 | 76  | 251206 | 20.305  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.385 | 43  | 48856  | 19.307  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 215745 | 20.767  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.622 | 84  | 109898 | 21.068  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 103236 | 21.693  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.025 | 45  | 255265 | 21.907  | ug/l   | 97  |
| 23) Vinyl Acetate            | 5.964 | 43  | 652418 | 103.440 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 170247 | 22.057  | ug/l   | 97  |
| 25) 2-Butanone               | 6.896 | 43  | 139522 | 118.469 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 158961 | 22.444  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 123697 | 22.502  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.244 | 49  | 61569  | 21.367  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 64637  | 96.785  | ug/l   | 100 |
| 30) Chloroform               | 7.421 | 83  | 193159 | 22.777  | ug/l   | 98  |
| 31) Cyclohexane              | 7.701 | 56  | 137180 | 20.351  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 171904 | 22.306  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 127622 | 22.198  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.988 | 43  | 48817  | 21.433  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 156052 | 22.385  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.109 | 83  | 158531 | 21.178  | ug/l   | 98  |
| 40) Benzene                  | 8.079 | 78  | 413668 | 22.720  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102725\  
 Data File : VY023588.D  
 Acq On : 27 Oct 2025 10:39  
 Operator : SY/MD  
 Sample : VY1027SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

Quant Time: Oct 28 04:37:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 08 05:12:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 24141    | 19.597  | ug/l # | 71       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 102374   | 21.802  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 89935    | 19.802  | ug/l   | 98       |
| 44) Trichloroethene           | 8.866  | 130  | 118439   | 22.225  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 90936    | 22.612  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 55078    | 21.659  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.426  | 83   | 143726   | 22.441  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.219  | 41   | 42714    | 20.019  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 11995    | 406.835 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 241896   | 103.085 | ug/l   | 98       |
| 52) Toluene                   | 10.170 | 92   | 269255   | 22.776  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 118047   | 21.198  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 145757   | 22.177  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 77711    | 22.725  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 78113    | 19.803  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 120242   | 22.190  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 166565   | 94.260  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 189661   | 113.098 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.914 | 129  | 105104   | 21.922  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 70658    | 21.666  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 147698   | 23.073  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 304353   | 22.571  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 109178   | 22.721  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.518 | 91   | 484581   | 22.201  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.627 | 106  | 390520   | 44.607  | ug/l   | 98       |
| 69) o-Xylene                  | 11.956 | 106  | 179997   | 21.920  | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 301330   | 22.315  | ug/l   | 100      |
| 71) Bromoform                 | 12.133 | 173  | 64644    | 21.688  | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.255 | 105  | 475826   | 22.189  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 74645    | 19.380  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 73229    | 20.879  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 99537    | 34.671  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 123258   | 21.620  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.597 | 91   | 558261   | 22.496  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 322587   | 22.199  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 388839   | 22.439  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 22707    | 19.395  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 332694   | 22.230  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 356347   | 22.272  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 391778   | 22.654  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 519994   | 22.656  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 435093   | 22.265  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 243437   | 21.928  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 240439   | 21.929  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 373775   | 21.952  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 91694    | 21.816  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 213663   | 21.952  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 11437    | 19.873  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 123920   | 20.422  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 83375    | 22.043  | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 178910   | 18.516  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 106184   | 20.203  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102725\  
Data File : VY023588.D  
Acq On : 27 Oct 2025 10:39  
Operator : SY/MD  
Sample : VY1027SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

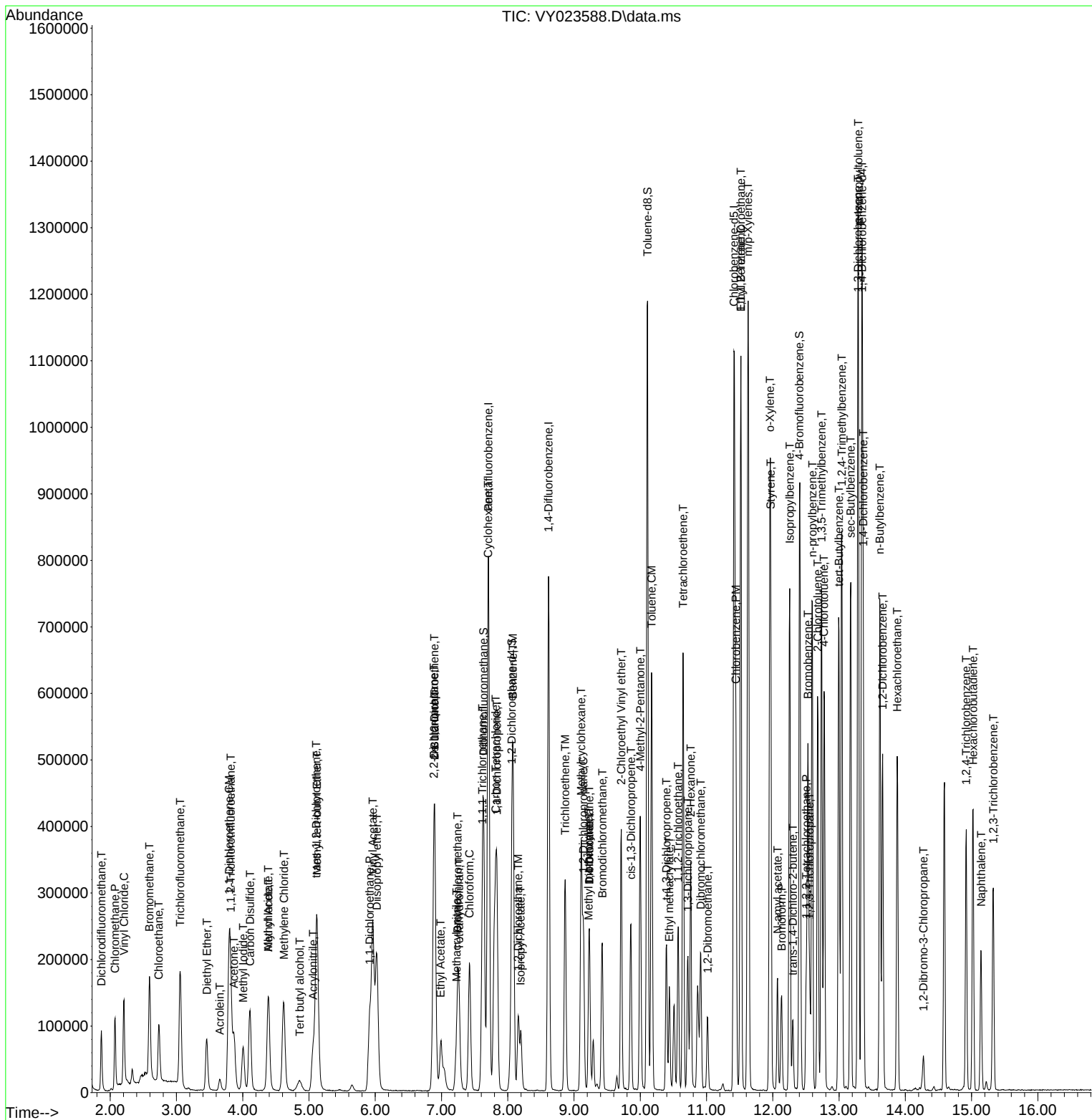
Quant Time: Oct 28 04:37:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 08 05:12:50 2025  
Response via : Initial Calibration

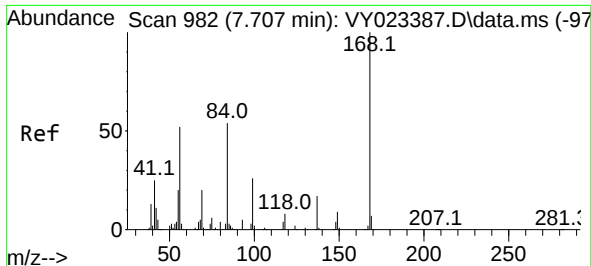
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
VY1027SBSD01

Quant Time: Oct 28 04:37:01 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100725S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 08 05:12:50 2025  
Response via : Initial Calibration

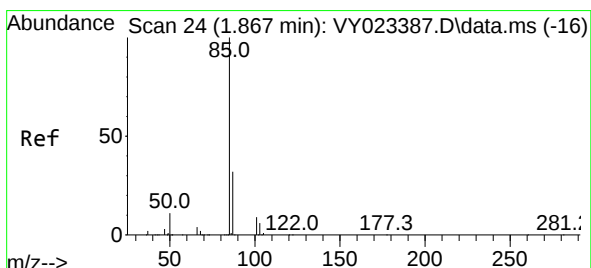
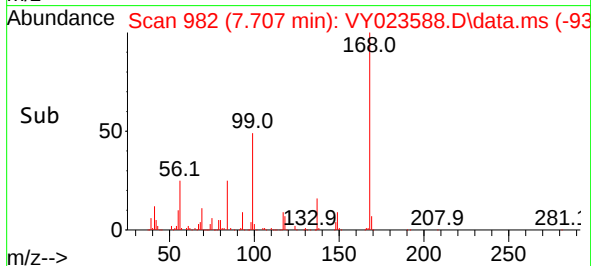
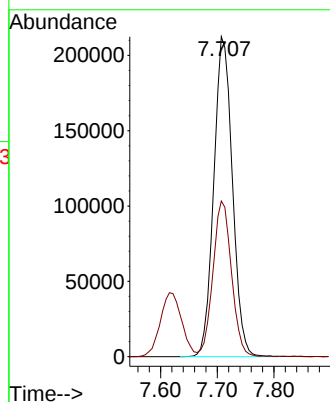
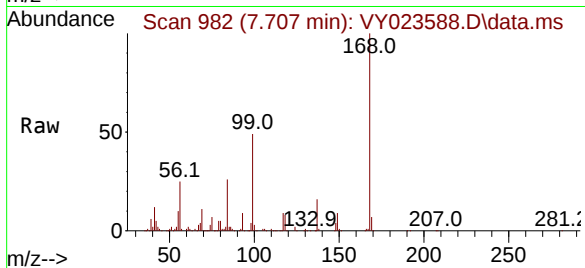




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

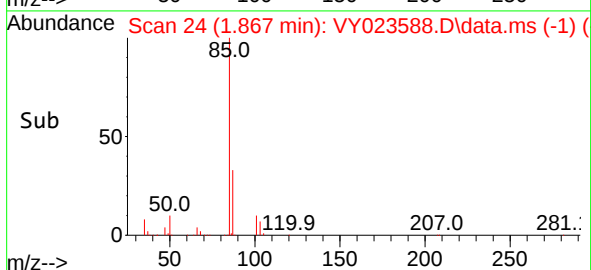
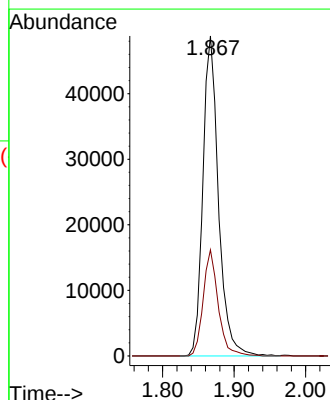
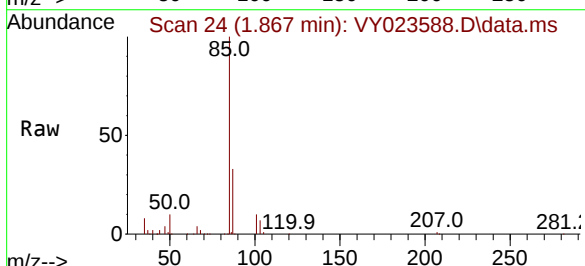
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion:168 Resp: 484571  
Ion Ratio Lower Upper  
168 100  
99 48.5 39.7 59.5



#2  
Dichlorodifluoromethane  
Concen: 21.194 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 85 Resp: 73923  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.0 47.9

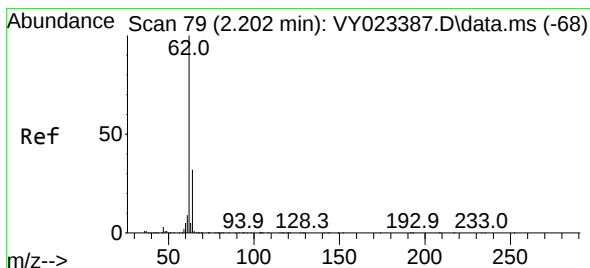
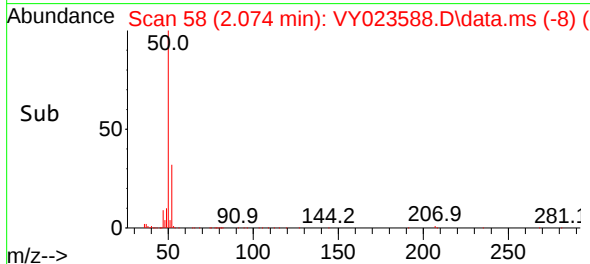
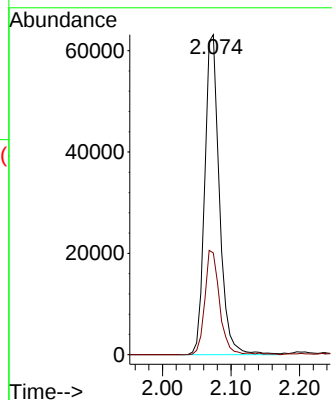
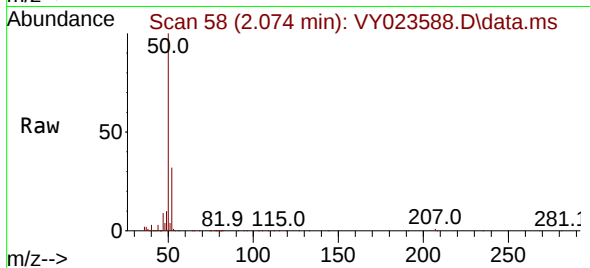




#3  
Chloromethane  
Concen: 19.849 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

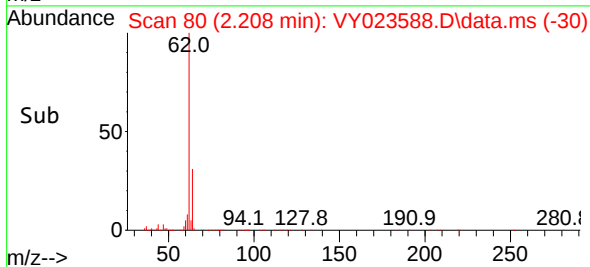
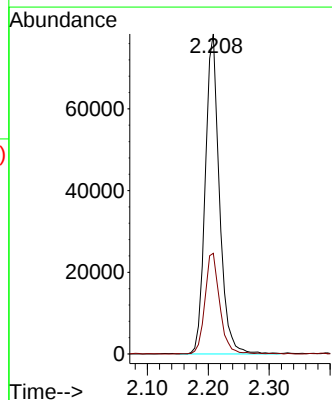
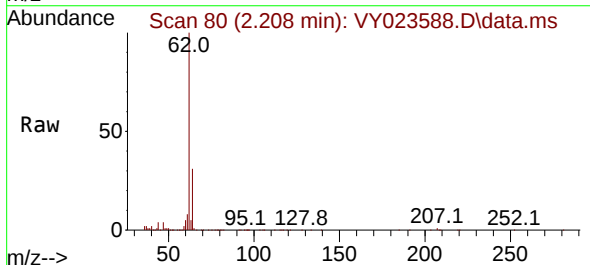
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion: 50 Resp: 94310  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.2 39.2



#4  
Vinyl Chloride  
Concen: 20.519 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 62 Resp: 126987  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.8 38.8

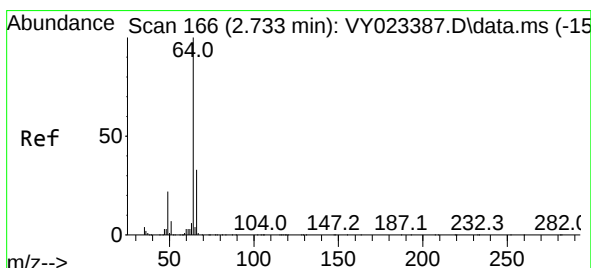
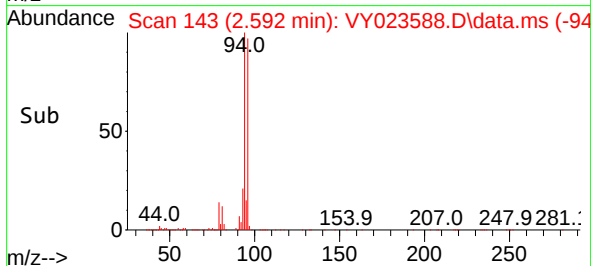
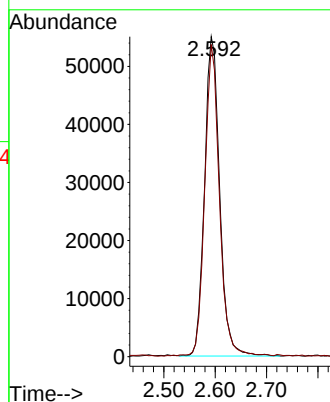
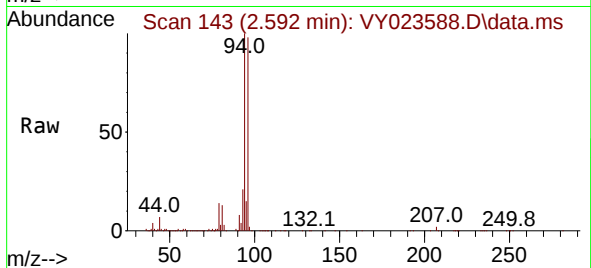




#5  
Bromomethane  
Concen: 21.644 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

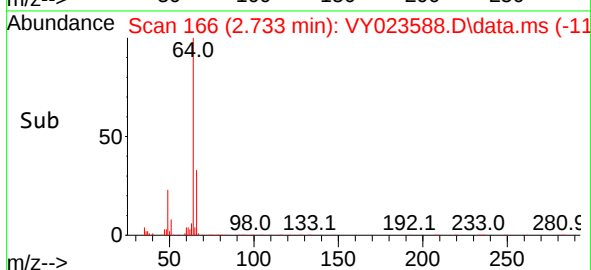
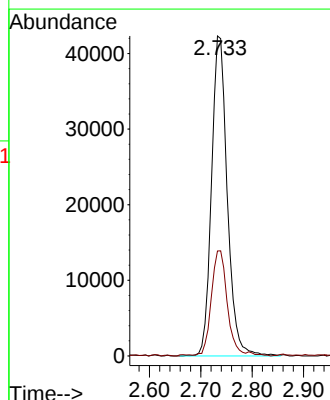
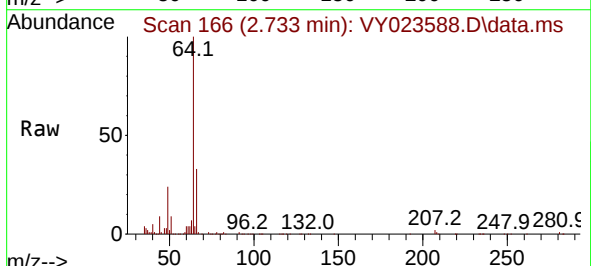
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBS01

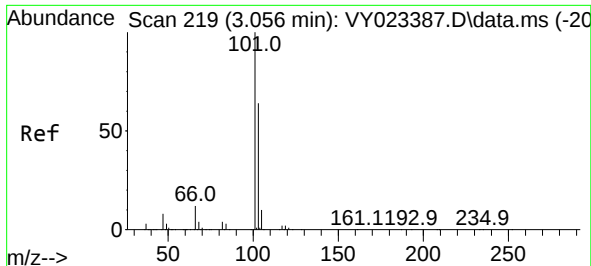
Tgt Ion: 94 Resp: 112407  
Ion Ratio Lower Upper  
94 100  
96 97.2 74.5 111.7



#6  
Chloroethane  
Concen: 21.350 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 64 Resp: 90066  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.2 39.4

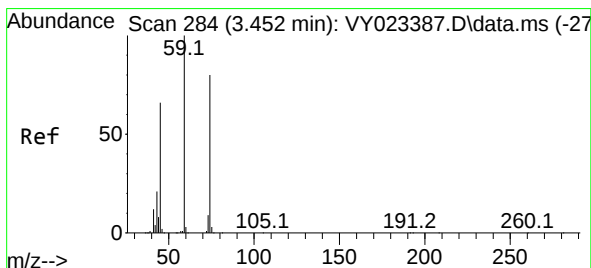
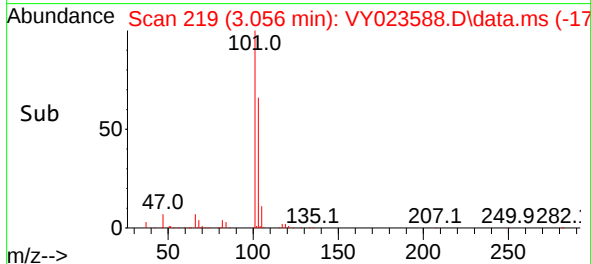
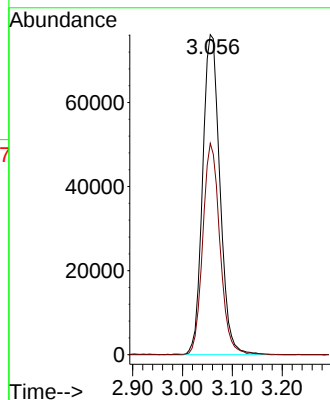
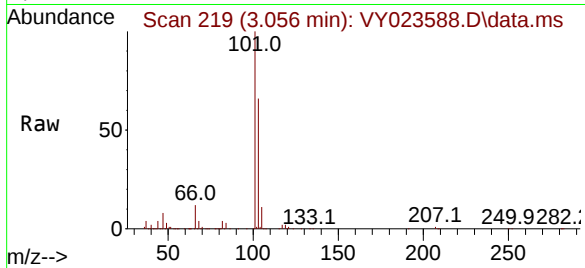




#7  
Trichlorofluoromethane  
Concen: 21.342 ug/l  
RT: 3.056 min Scan# 219  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

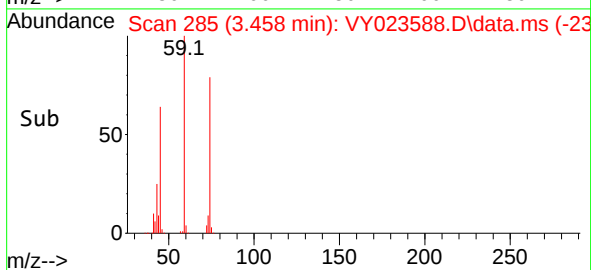
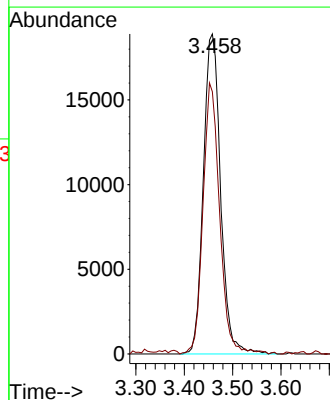
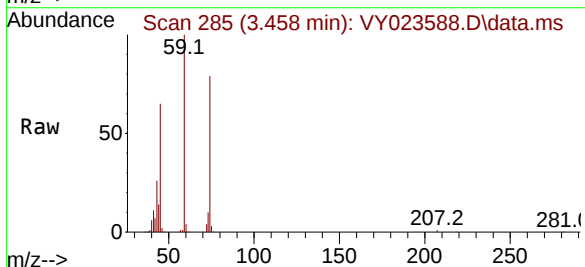
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion:101 Resp: 183391  
Ion Ratio Lower Upper  
101 100  
103 66.0 51.3 76.9



#8  
Diethyl Ether  
Concen: 20.833 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 74 Resp: 46778  
Ion Ratio Lower Upper  
74 100  
45 81.9 39.9 119.7

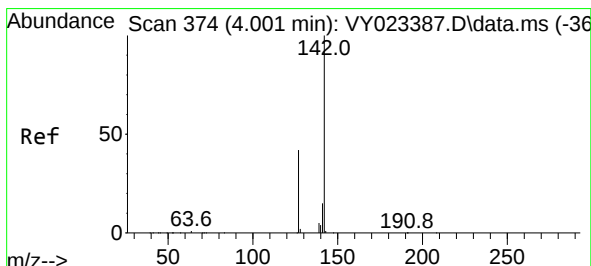
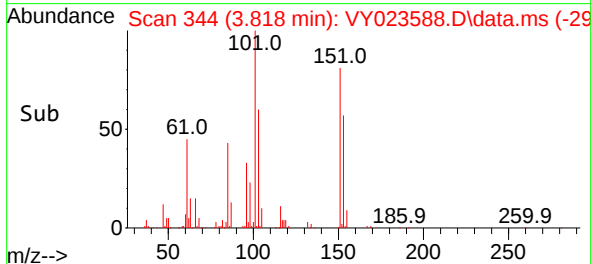
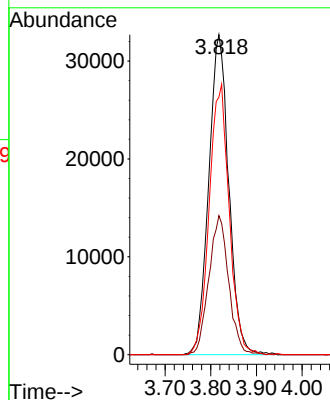
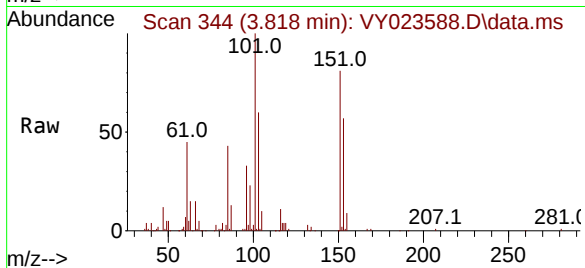




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.341 ug/l  
RT: 3.818 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

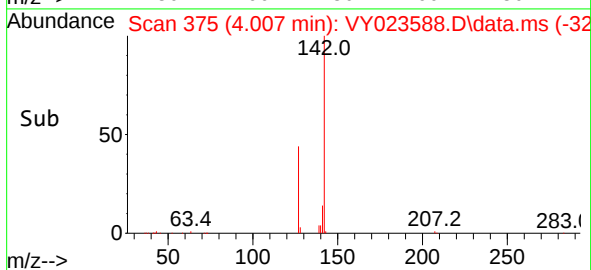
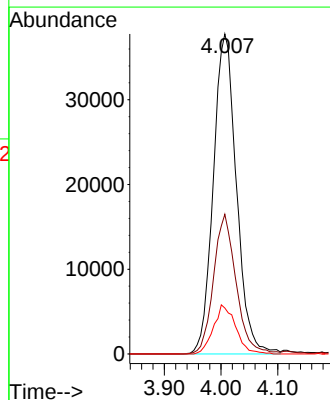
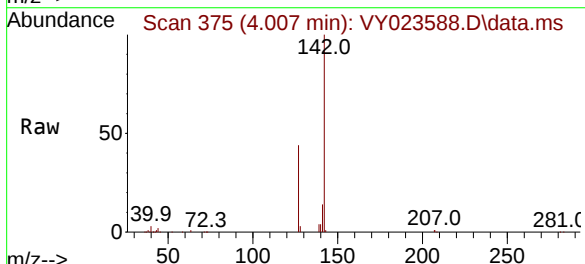
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion:101 Resp: 99618  
Ion Ratio Lower Upper  
101 100  
85 43.0 34.6 51.8  
151 84.2 67.0 100.6



#10  
Methyl Iodide  
Concen: 21.521 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:142 Resp: 106832  
Ion Ratio Lower Upper  
142 100  
127 42.6 34.8 52.2  
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 98.142 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

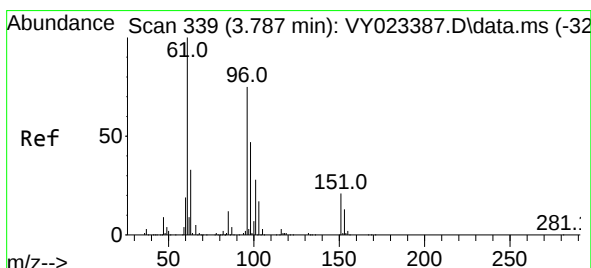
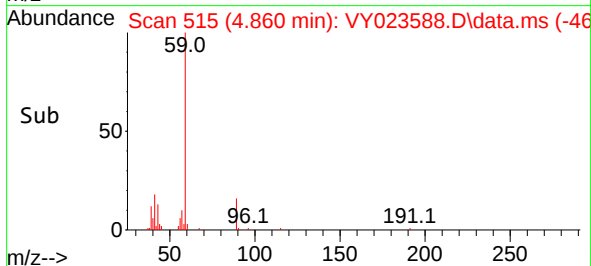
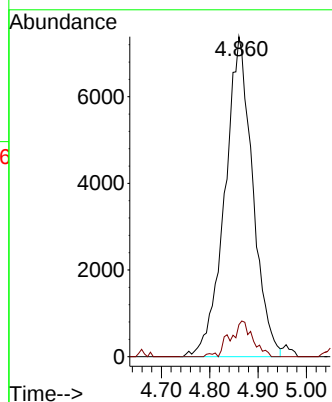
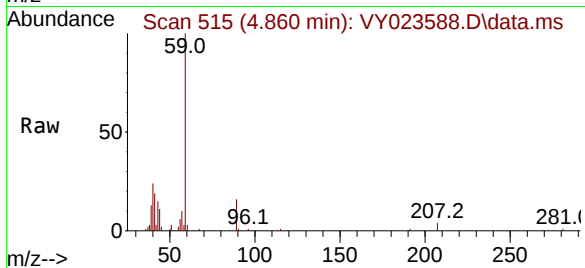
VY1027SBS01

Tgt Ion: 59 Resp: 29585

Ion Ratio Lower Upper

59 100

57 6.9 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 21.274 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

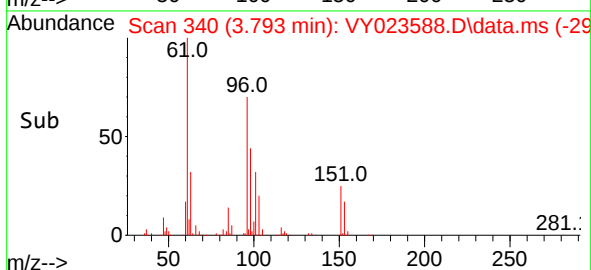
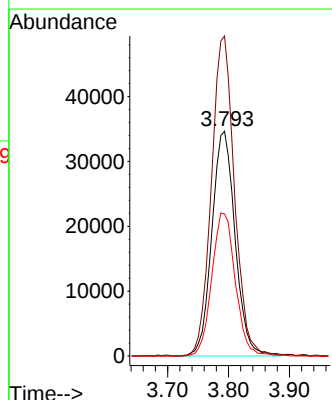
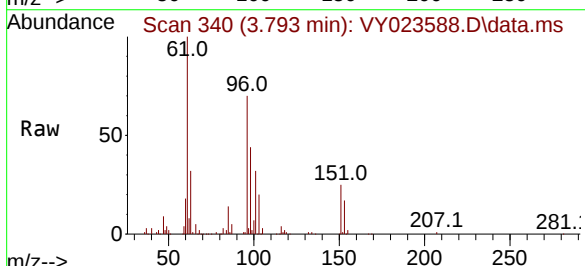
Tgt Ion: 96 Resp: 91956

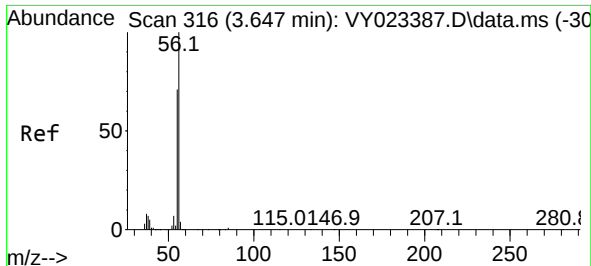
Ion Ratio Lower Upper

96 100

61 142.3 106.7 160.1

98 63.1 50.2 75.4

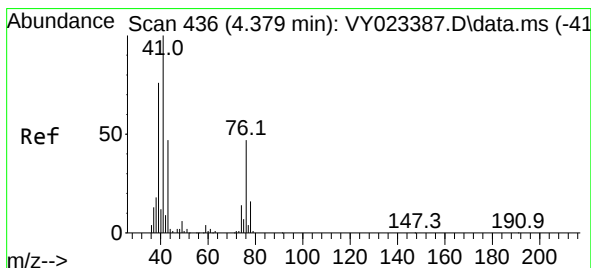
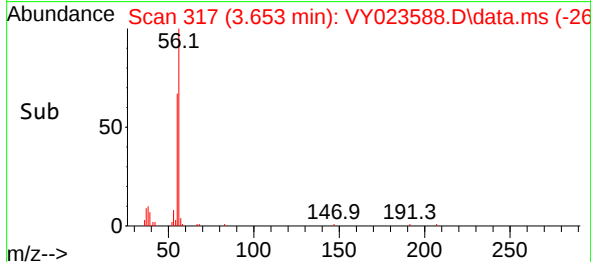
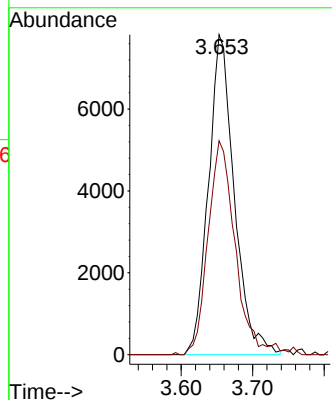
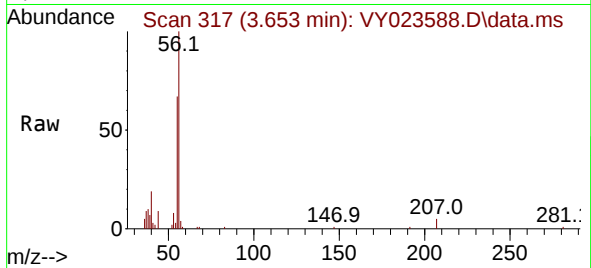




#13  
Acrolein  
Concen: 46.047 ug/l  
RT: 3.653 min Scan# 316  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

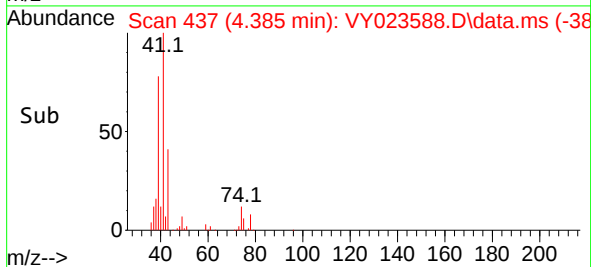
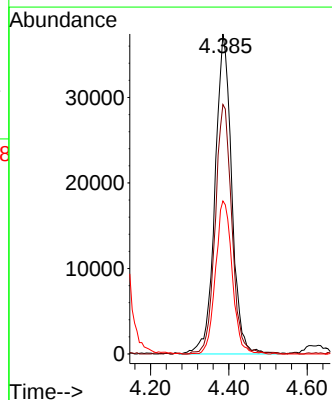
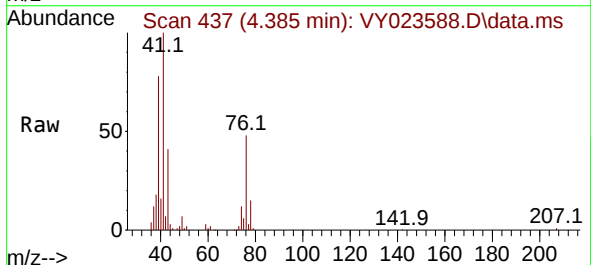
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

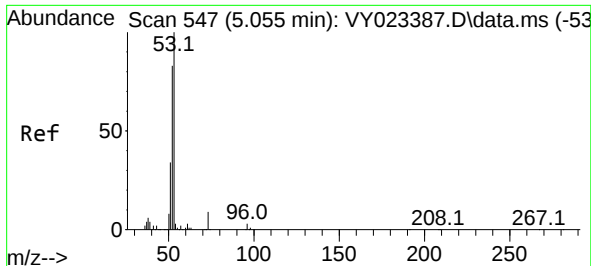
Tgt Ion: 56 Resp: 19614  
Ion Ratio Lower Upper  
56 100  
55 70.4 56.1 84.1



#14  
Allyl chloride  
Concen: 21.048 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 41 Resp: 110880  
Ion Ratio Lower Upper  
41 100  
39 77.2 59.9 89.9  
76 47.6 38.0 57.0





#15

Acrylonitrile

Concen: 101.845 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBSD01

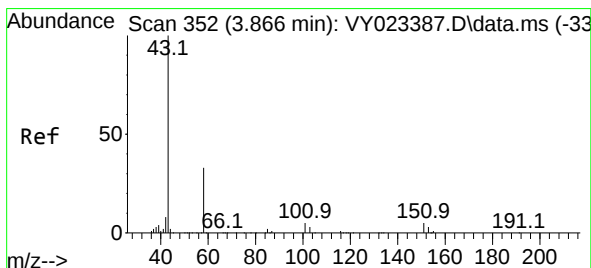
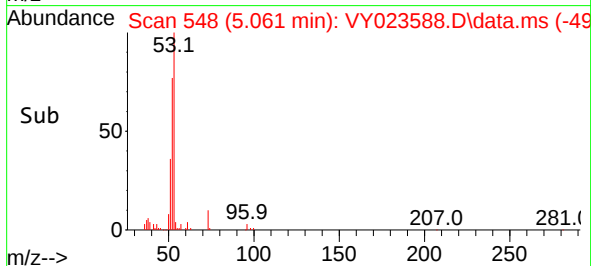
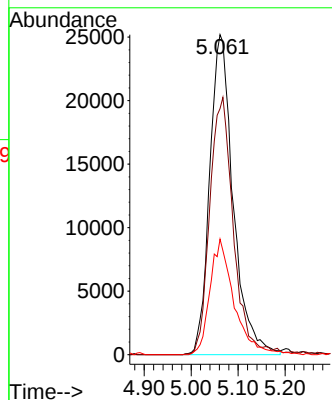
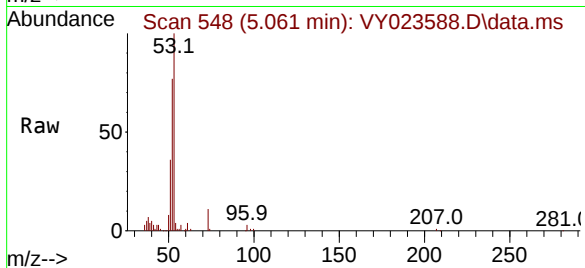
Tgt Ion: 53 Resp: 87514

Ion Ratio Lower Upper

53 100

52 80.7 64.6 97.0

51 37.2 29.5 44.3



#16

Acetone

Concen: 135.771 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.000 min

Lab File: VY023588.D

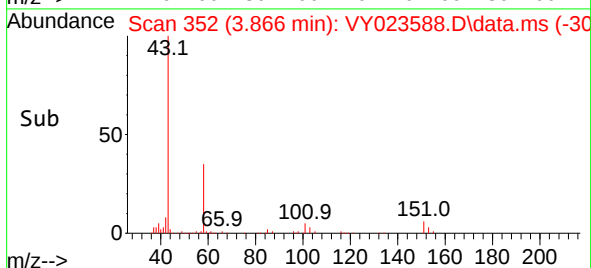
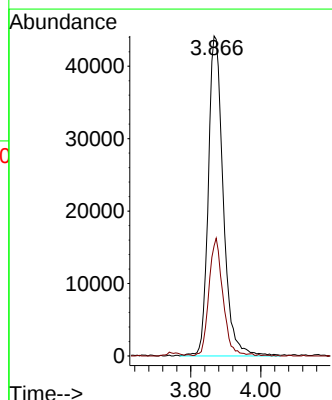
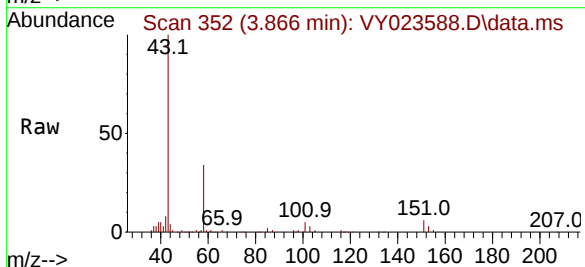
Acq: 27 Oct 2025 10:39

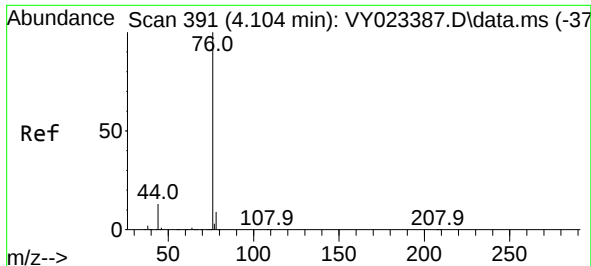
Tgt Ion: 43 Resp: 130974

Ion Ratio Lower Upper

43 100

58 34.4 27.7 41.5

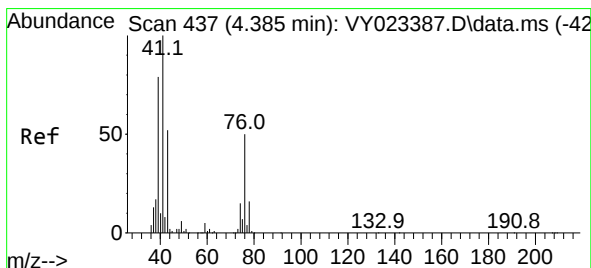
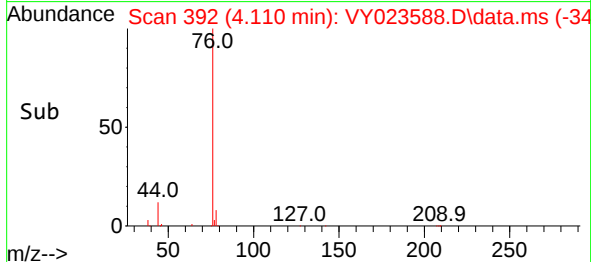
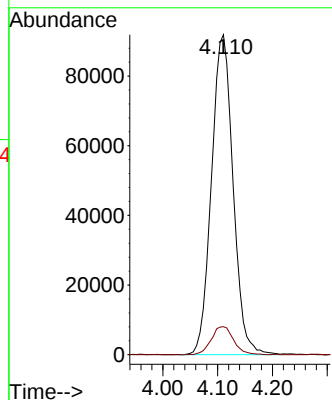
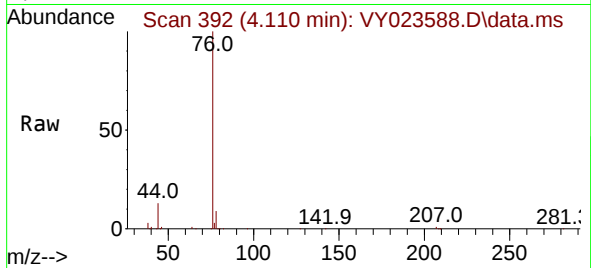




#17  
Carbon Disulfide  
Concen: 20.305 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

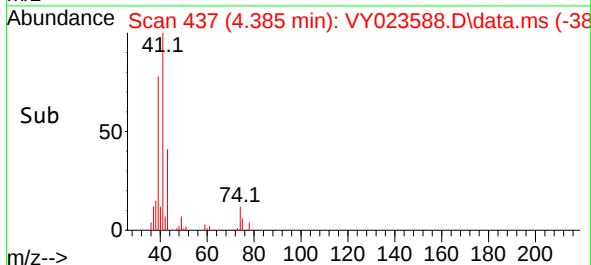
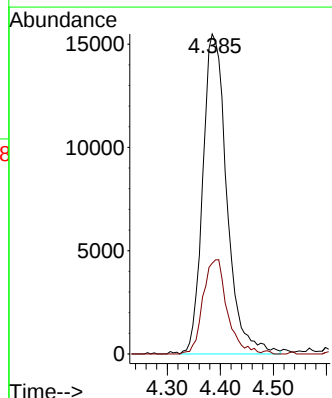
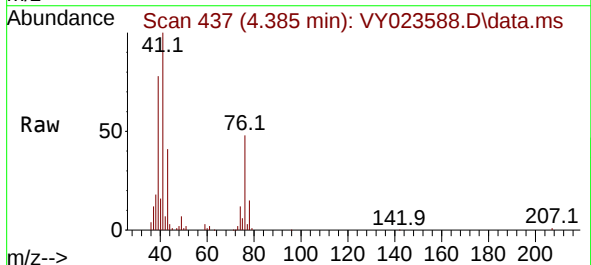
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion: 76 Resp: 251206  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 19.307 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 43 Resp: 48856  
Ion Ratio Lower Upper  
43 100  
74 29.5 24.2 36.4

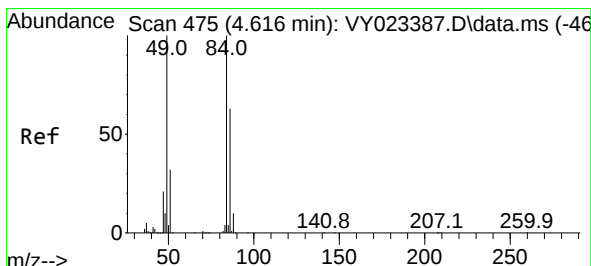
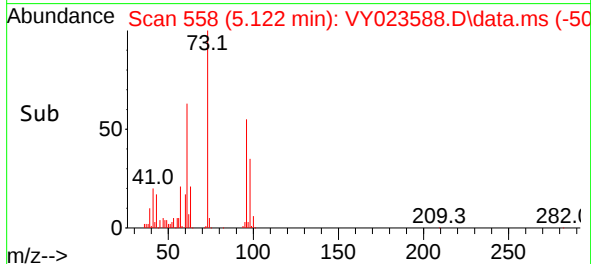
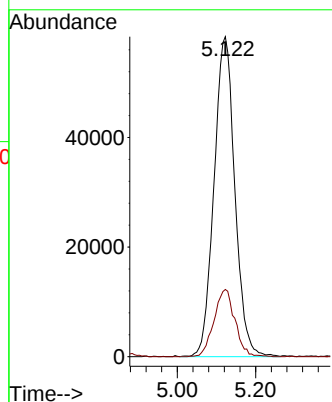
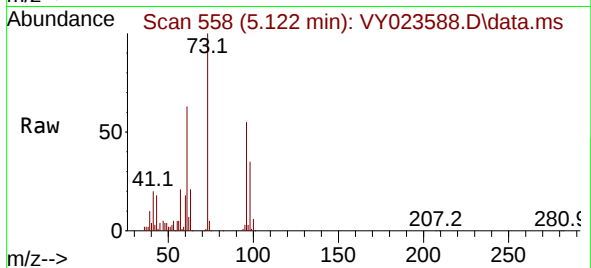




#19  
Methyl tert-butyl Ether  
Concen: 20.767 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

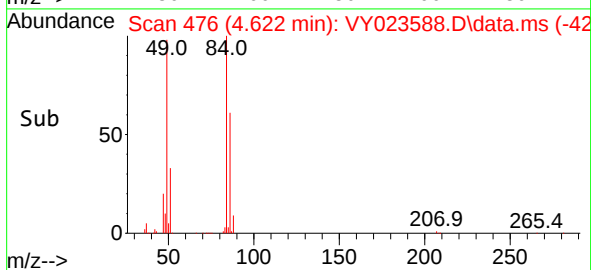
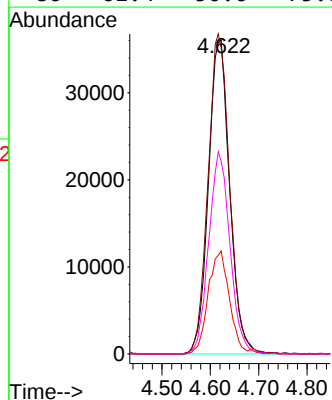
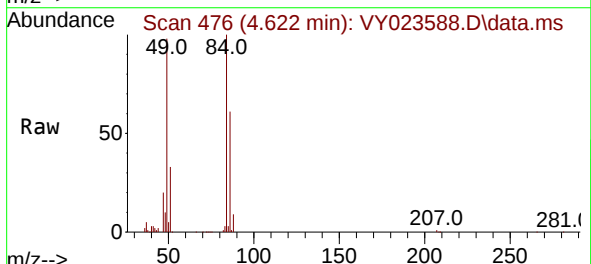
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

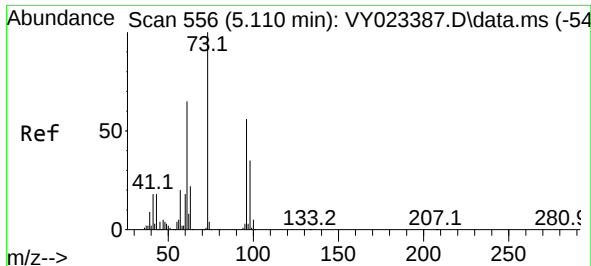
Tgt Ion: 73 Resp: 215745  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.4 26.0



#20  
Methylene Chloride  
Concen: 21.068 ug/l  
RT: 4.622 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 84 Resp: 109898  
Ion Ratio Lower Upper  
84 100  
49 97.5 80.2 120.4  
51 32.8 25.9 38.9  
86 61.4 50.6 75.8

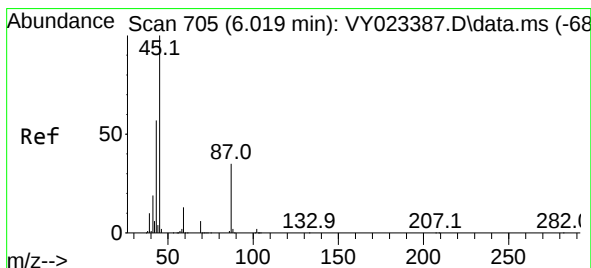
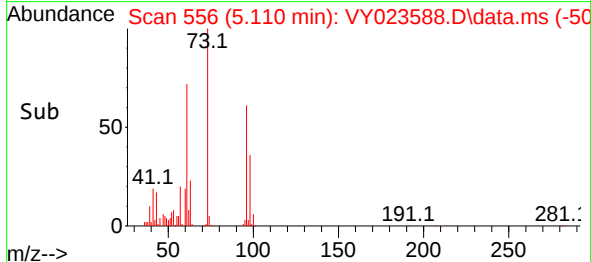
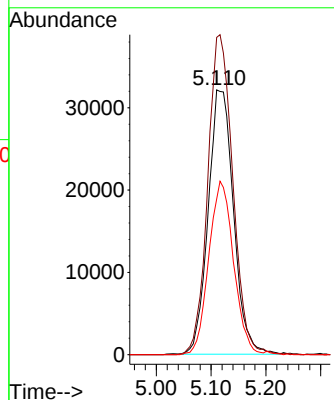
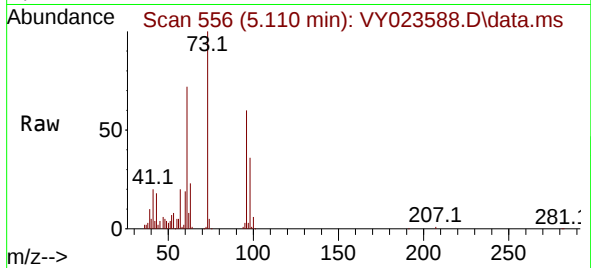




#21  
trans-1,2-Dichloroethene  
Concen: 21.693 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

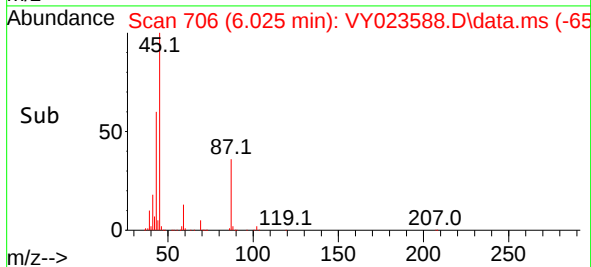
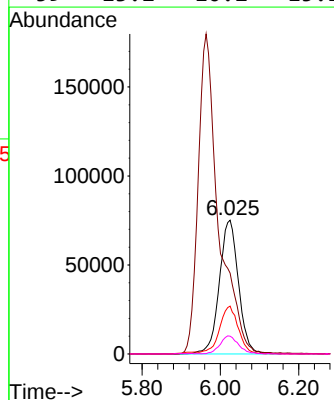
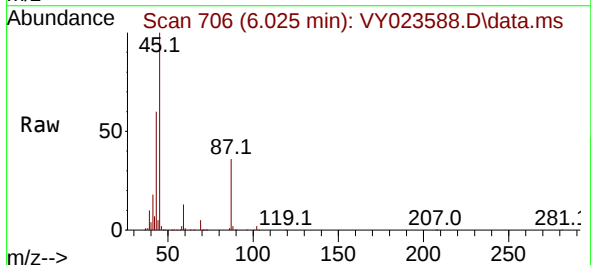
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

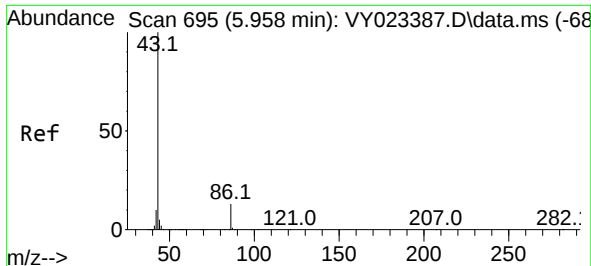
Tgt Ion: 96 Resp: 103236  
Ion Ratio Lower Upper  
96 100  
61 119.7 92.7 139.1  
98 58.9 49.7 74.5



#22  
Diisopropyl ether  
Concen: 21.907 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 45 Resp: 255265  
Ion Ratio Lower Upper  
45 100  
43 60.1 45.6 68.4  
87 35.8 28.1 42.1  
59 13.2 10.2 15.2

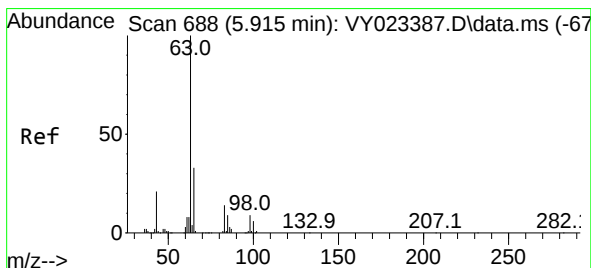
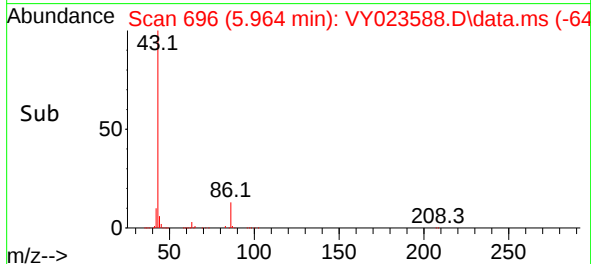
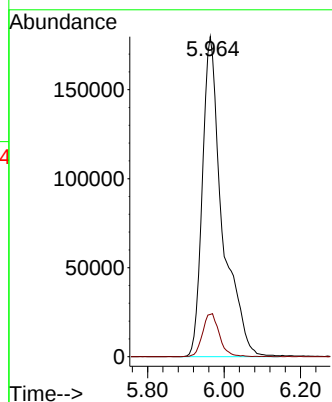
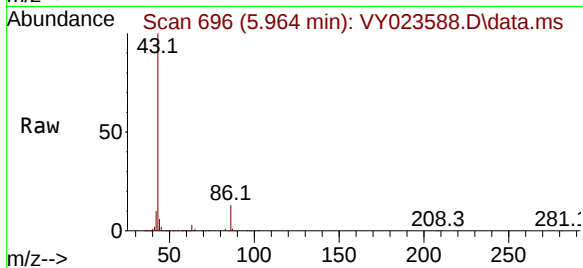




#23  
 Vinyl Acetate  
 Concen: 103.440 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. 0.006 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

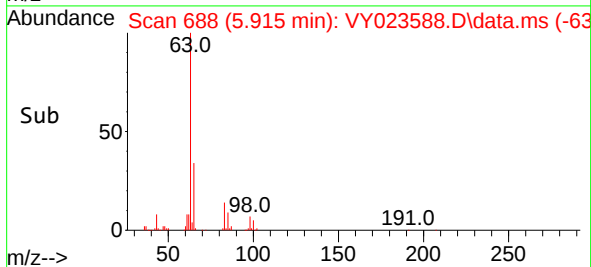
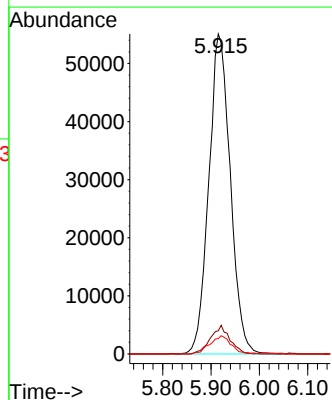
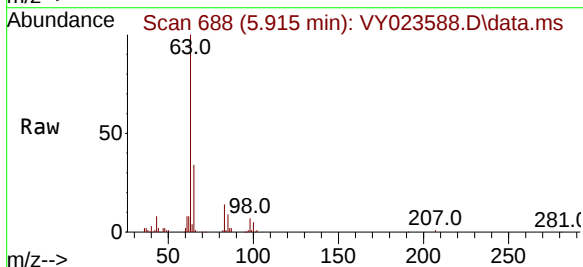
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

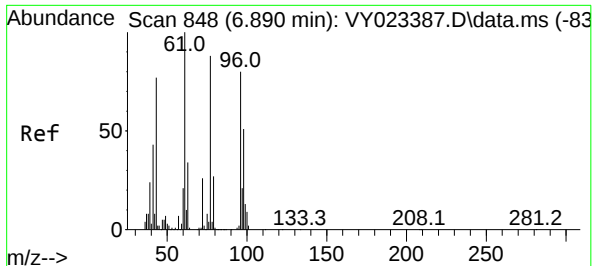
Tgt Ion: 43 Resp: 652418  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 10.6 15.8



#24  
 1,1-Dichloroethane  
 Concen: 22.057 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Tgt Ion: 63 Resp: 170247  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 4.3 13.1  
 100 4.8 2.8 8.4





#25

2-Butanone

Concen: 118.469 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

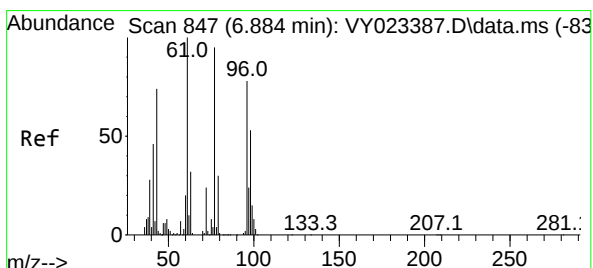
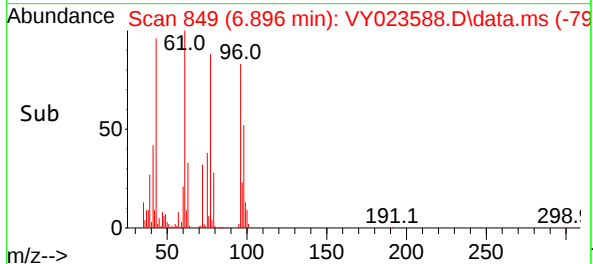
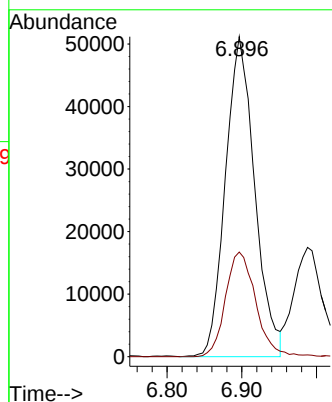
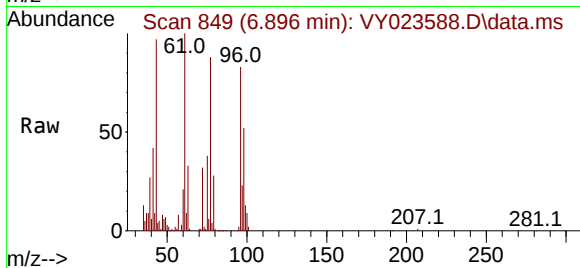
VY1027SBSD01

Tgt Ion: 43 Resp: 139522

Ion Ratio Lower Upper

43 100

72 32.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 22.444 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023588.D

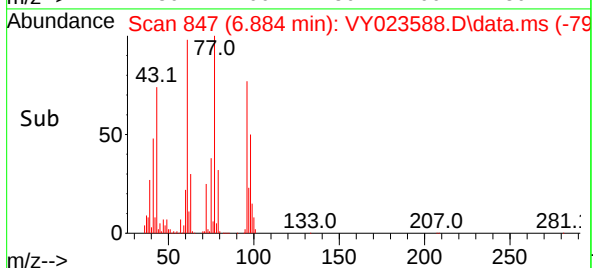
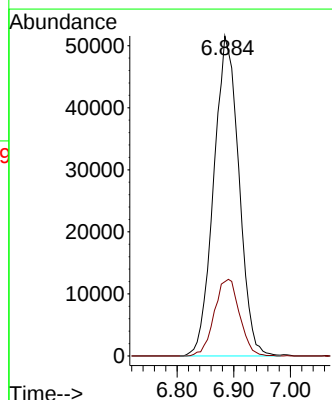
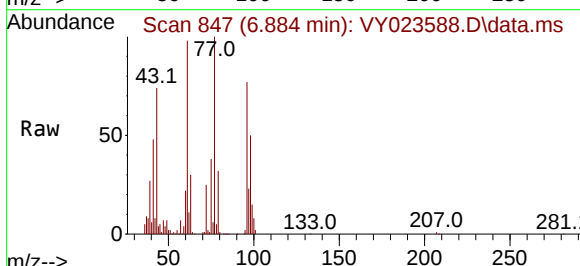
Acq: 27 Oct 2025 10:39

Tgt Ion: 77 Resp: 158961

Ion Ratio Lower Upper

77 100

97 24.0 12.1 36.3



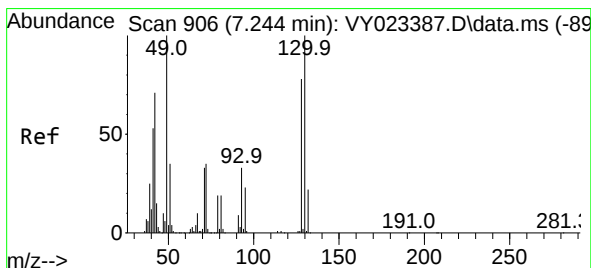
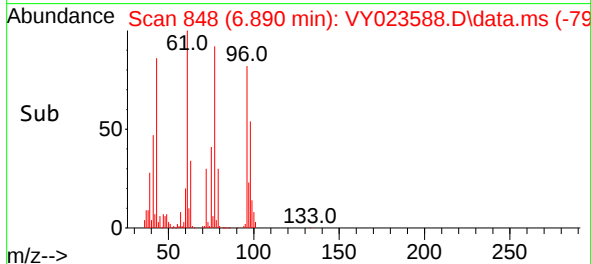
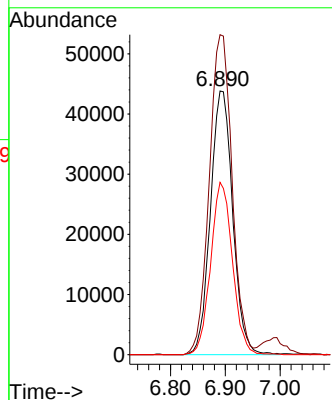
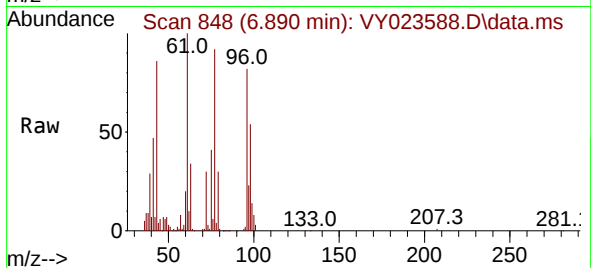


#27  
 cis-1,2-Dichloroethene  
 Concen: 22.502 ug/l  
 RT: 6.890 min Scan# 848  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

Tgt Ion: 96 Resp: 123697  

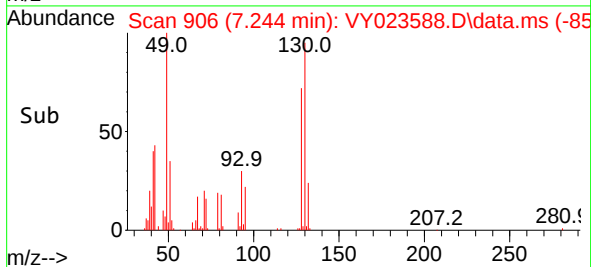
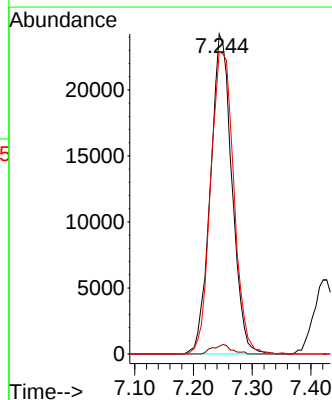
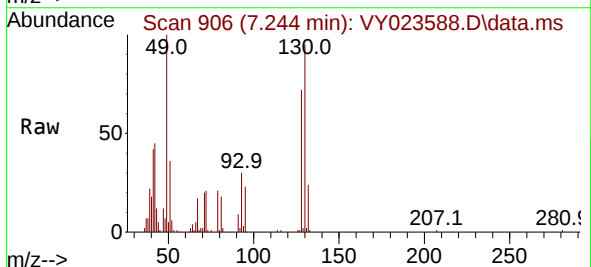
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 124.2 | 0.0   | 258.2 |
| 98  | 63.9  | 0.0   | 132.0 |

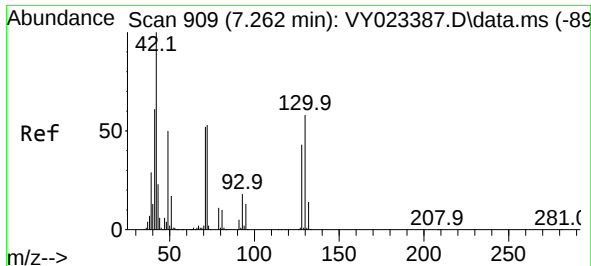


#28  
 Bromochloromethane  
 Concen: 21.367 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Tgt Ion: 49 Resp: 61569  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.6   | 0.0   | 5.6   |
| 130 | 101.6 | 81.9  | 122.9 |





#29

Tetrahydrofuran

Concen: 96.785 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBS01

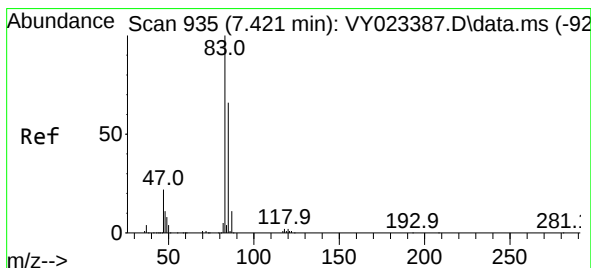
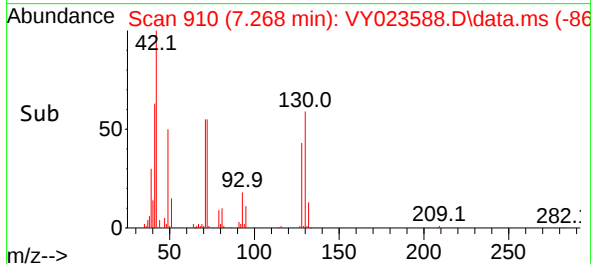
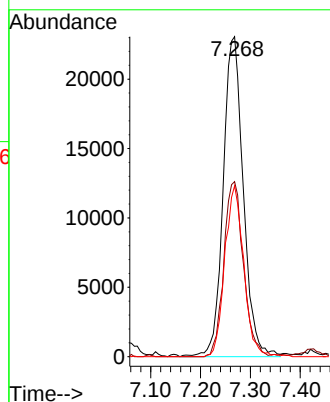
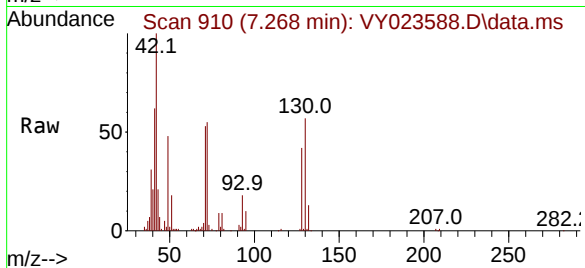
Tgt Ion: 42 Resp: 64637

Ion Ratio Lower Upper

42 100

72 53.3 43.0 64.6

71 50.2 40.1 60.1



#30

Chloroform

Concen: 22.777 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023588.D

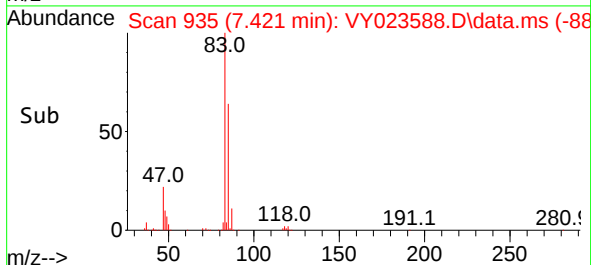
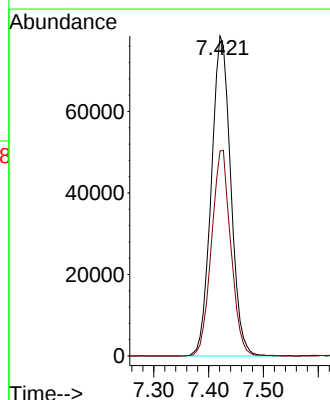
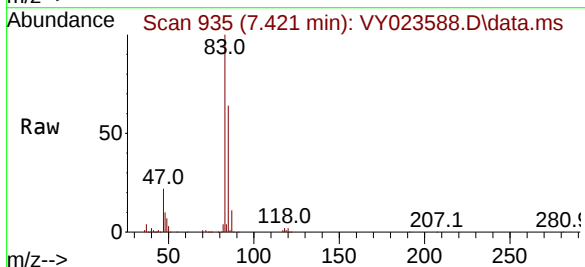
Acq: 27 Oct 2025 10:39

Tgt Ion: 83 Resp: 193159

Ion Ratio Lower Upper

83 100

85 64.0 52.5 78.7

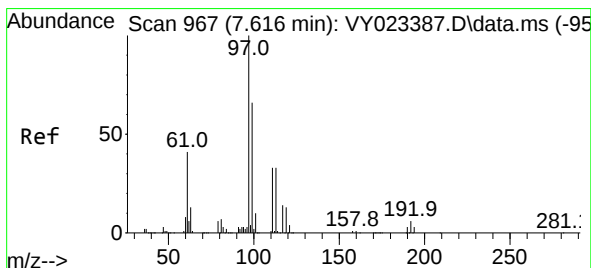
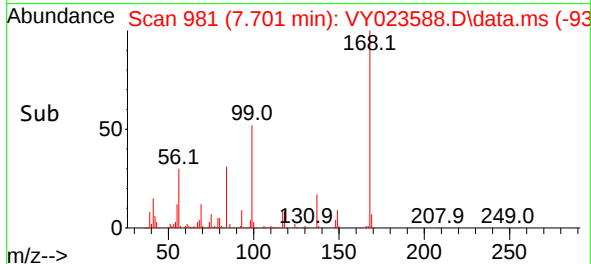
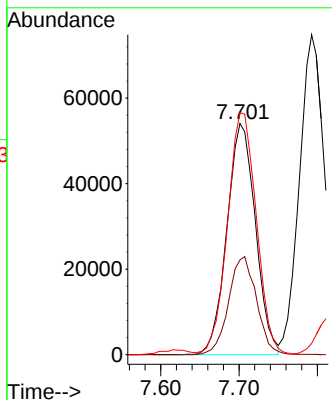
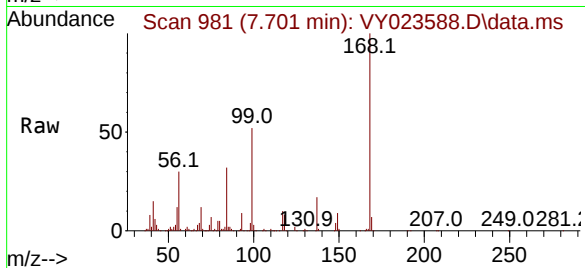




#31  
Cyclohexane  
Concen: 20.351 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

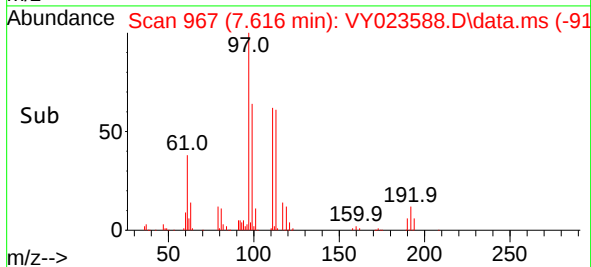
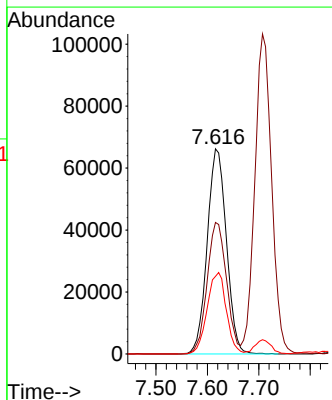
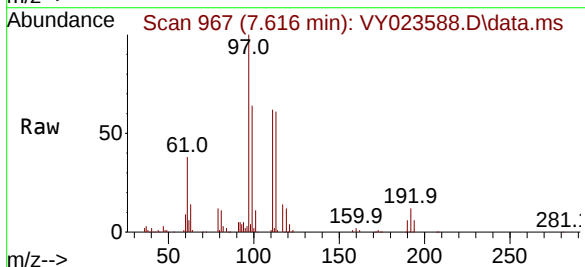
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

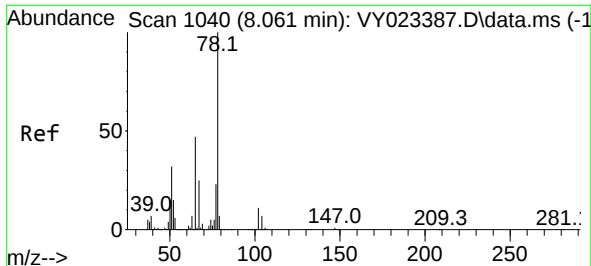
Tgt Ion: 56 Resp: 137180  
Ion Ratio Lower Upper  
56 100  
69 41.0 30.0 45.0  
84 102.7 81.2 121.8



#32  
1,1,1-Trichloroethane  
Concen: 22.306 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 97 Resp: 171904  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.4 77.2  
61 39.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.655 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

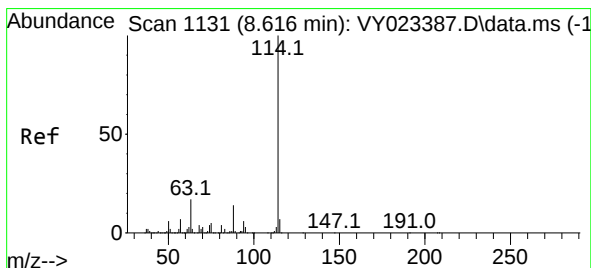
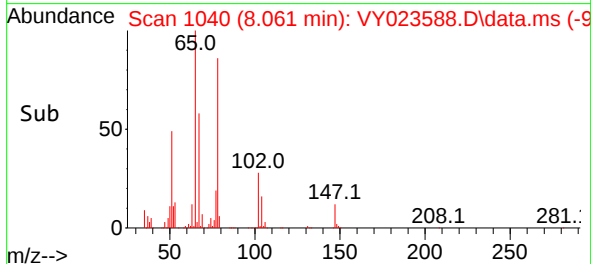
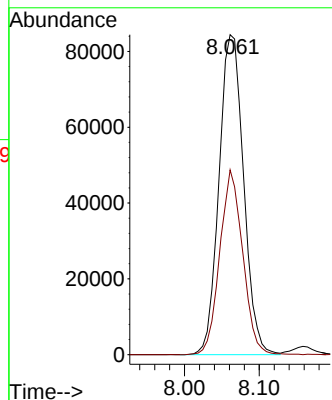
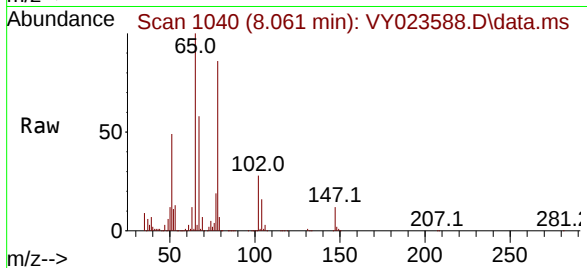
VY1027SBS01

Tgt Ion: 65 Resp: 193100

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

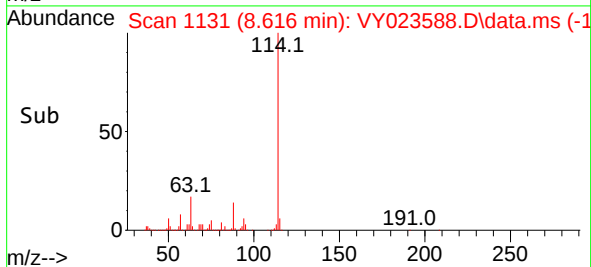
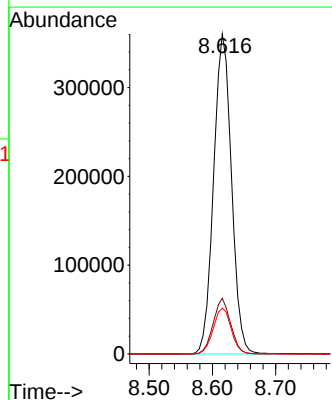
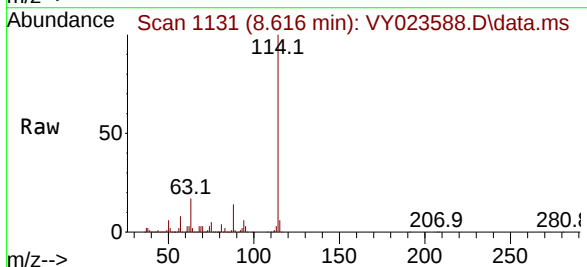
Tgt Ion: 114 Resp: 706753

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

88 14.3 0.0 28.4

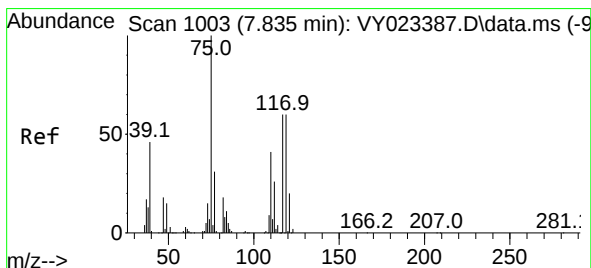
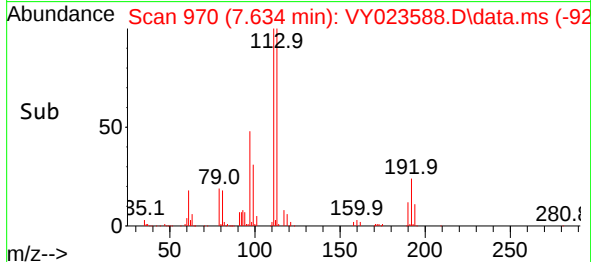
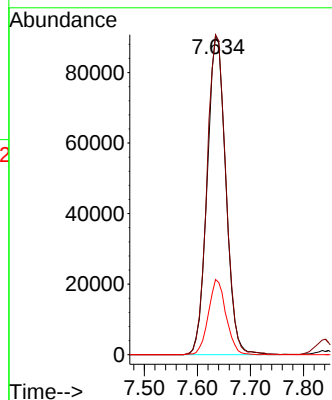
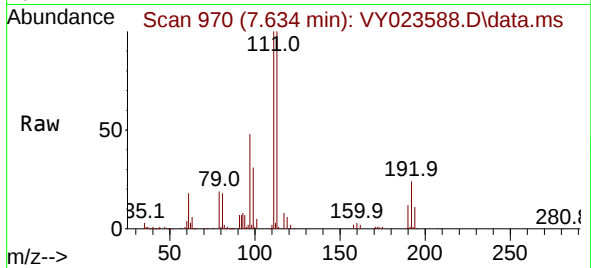




#35  
Dibromofluoromethane  
Concen: 50.793 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

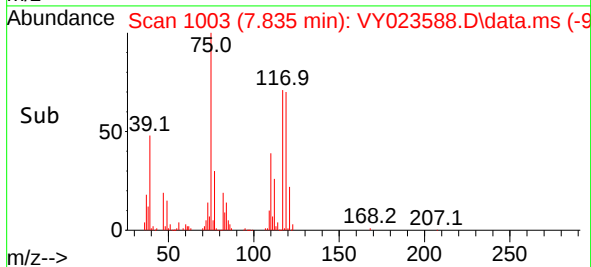
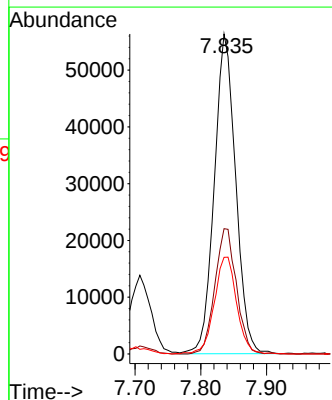
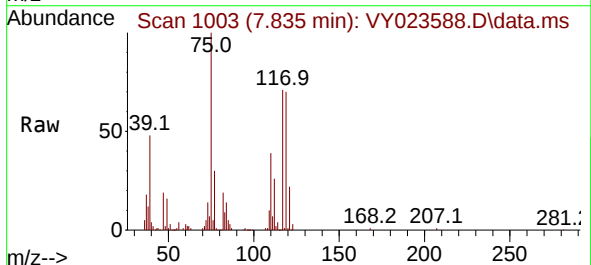
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

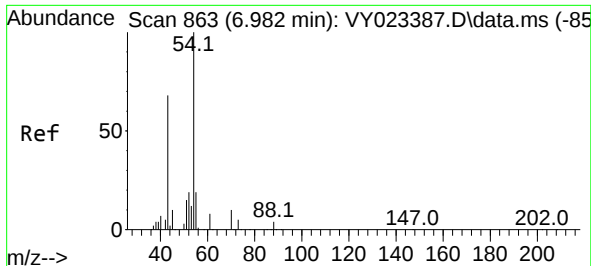
Tgt Ion:113 Resp: 220579  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.8 122.6  
192 22.4 18.0 27.0



#36  
1,1-Dichloropropene  
Concen: 22.198 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 75 Resp: 127622  
Ion Ratio Lower Upper  
75 100  
110 39.3 19.9 59.7  
77 31.8 25.0 37.6

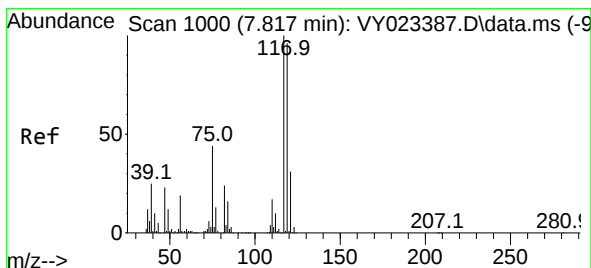
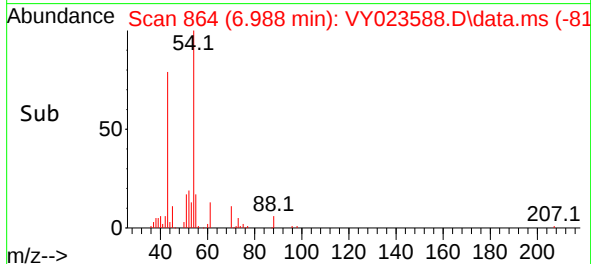
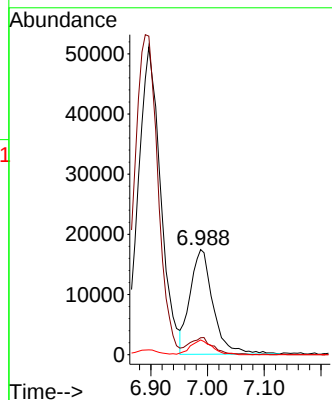
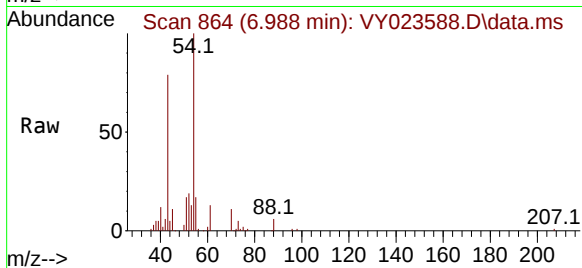




#37  
Ethyl Acetate  
Concen: 21.433 ug/l  
RT: 6.988 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

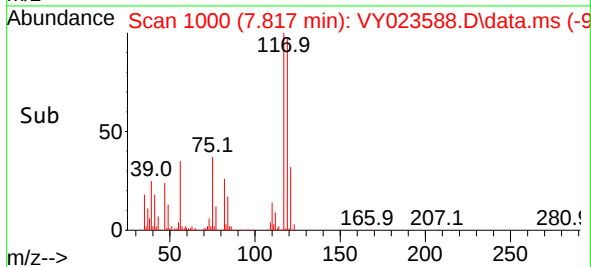
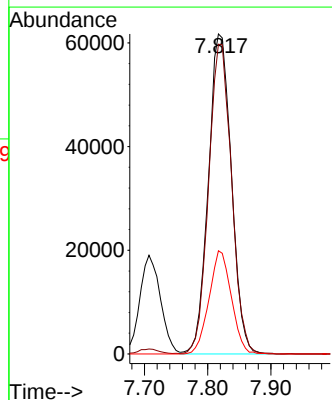
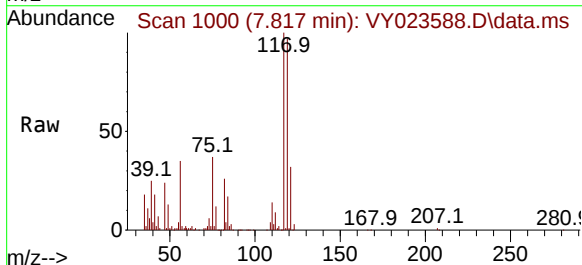
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

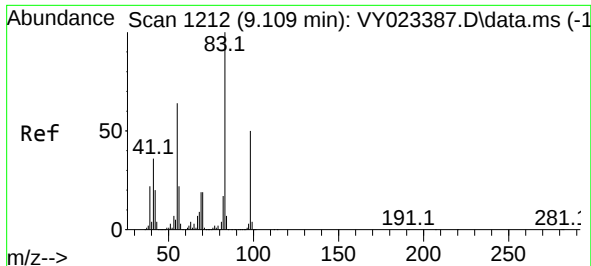
Tgt Ion: 43 Resp: 48817  
Ion Ratio Lower Upper  
43 100  
61 17.1 11.8 17.8  
70 13.1 10.5 15.7



#38  
Carbon Tetrachloride  
Concen: 22.385 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 117 Resp: 156052  
Ion Ratio Lower Upper  
117 100  
119 96.8 76.8 115.2  
121 32.2 24.5 36.7





#39

Methylcyclohexane

Concen: 21.178 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBSD01

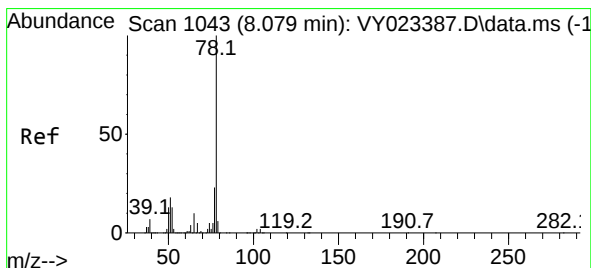
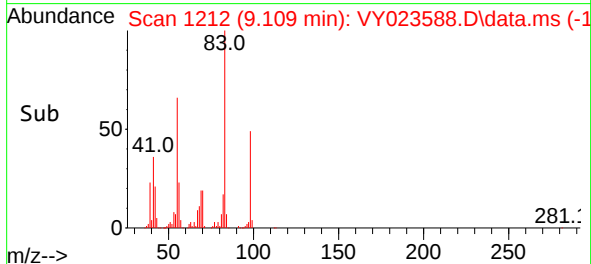
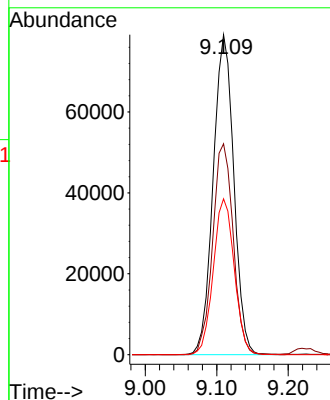
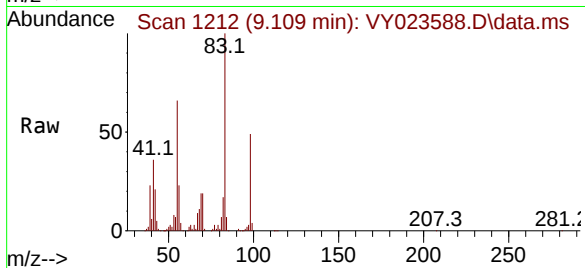
Tgt Ion: 83 Resp: 158531

Ion Ratio Lower Upper

83 100

55 65.8 51.4 77.2

98 48.7 40.4 60.6



#40

Benzene

Concen: 22.720 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023588.D

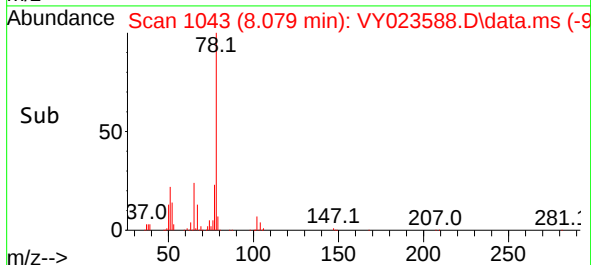
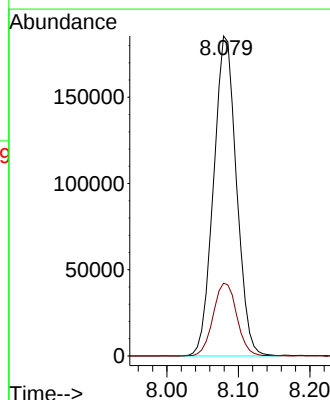
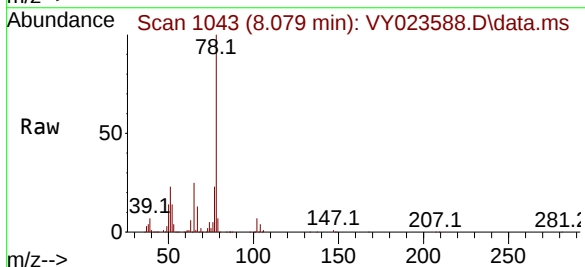
Acq: 27 Oct 2025 10:39

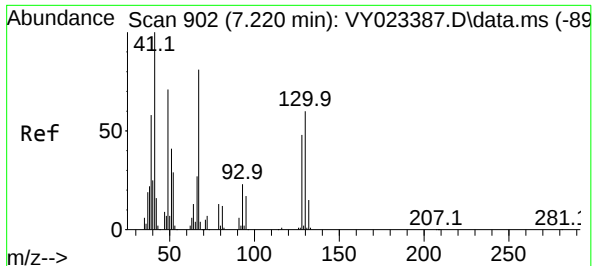
Tgt Ion: 78 Resp: 413668

Ion Ratio Lower Upper

78 100

77 22.7 18.3 27.5

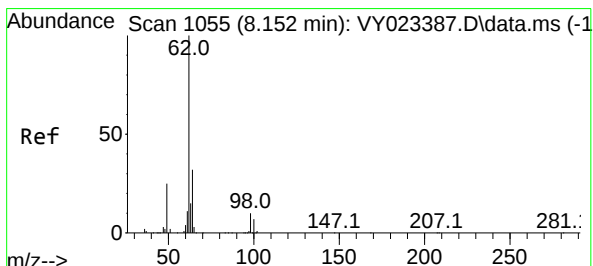
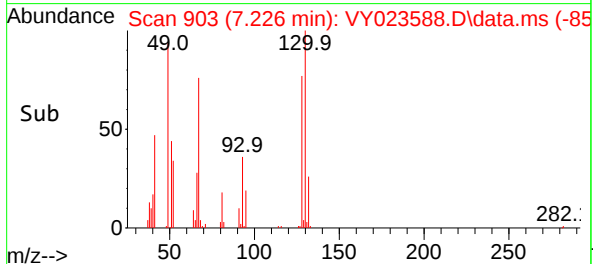
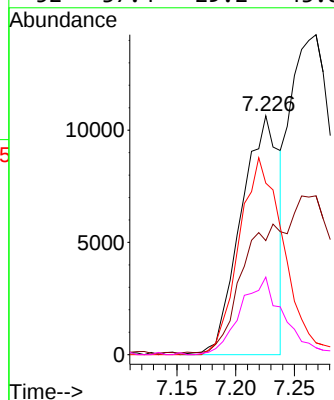
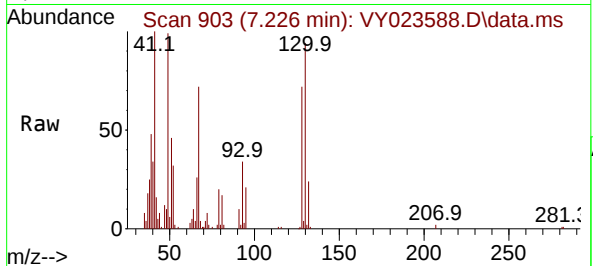




#41  
Methacrylonitrile  
Concen: 19.597 ug/l  
RT: 7.226 min Scan# 902  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

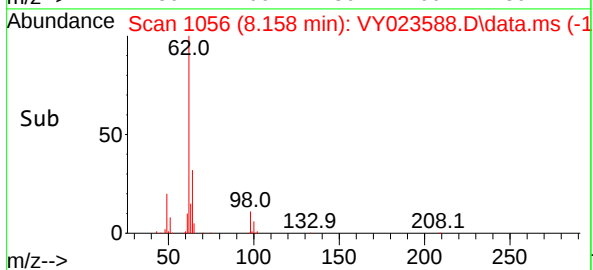
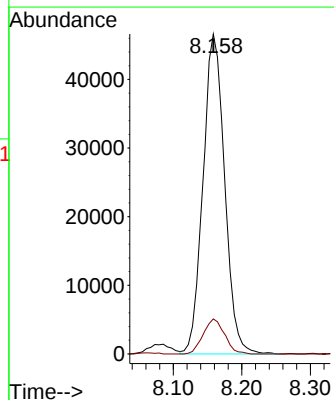
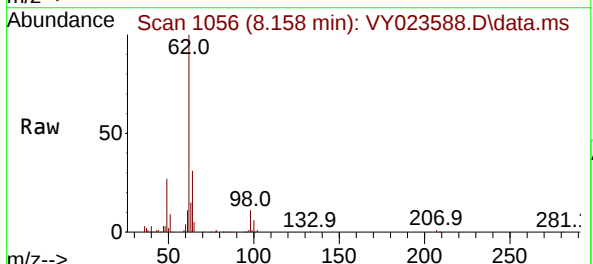
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

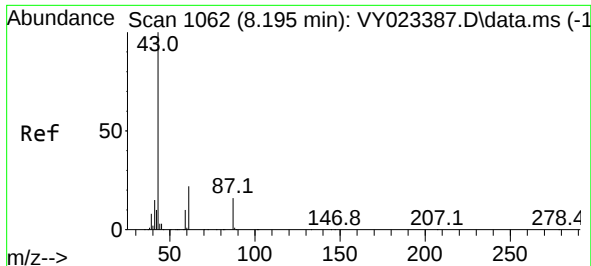
Tgt Ion: 41 Resp: 24141  
Ion Ratio Lower Upper  
41 100  
39 0.0 52.2 78.4#  
67 96.6 74.9 112.3  
52 37.4 29.2 43.8



#42  
1,2-Dichloroethane  
Concen: 21.802 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 62 Resp: 102374  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 21.6

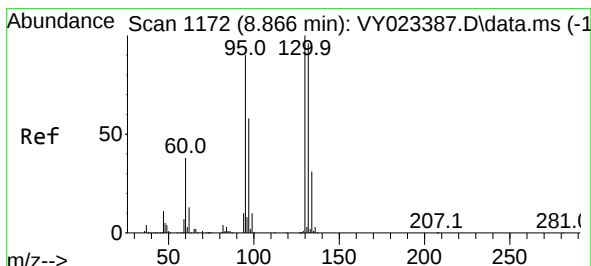
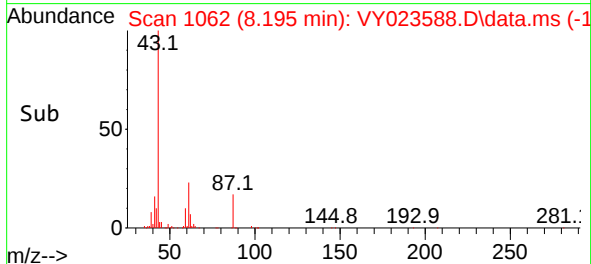
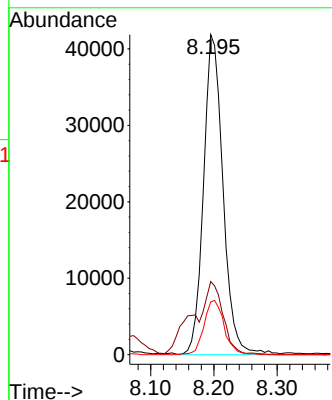
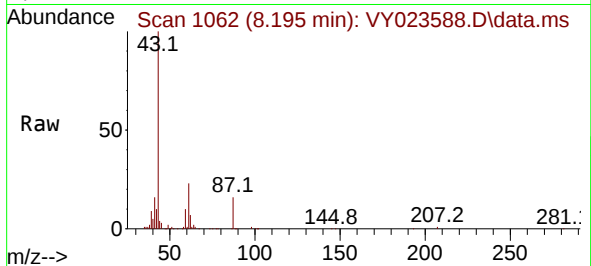




#43  
Isopropyl Acetate  
Concen: 19.802 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

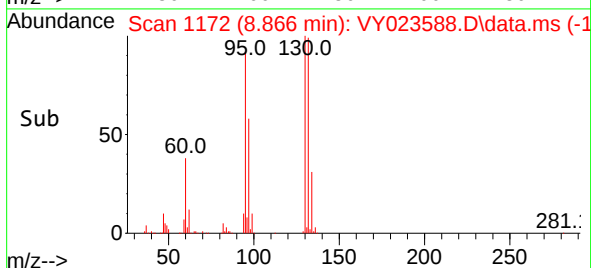
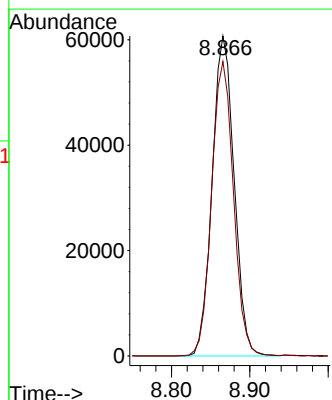
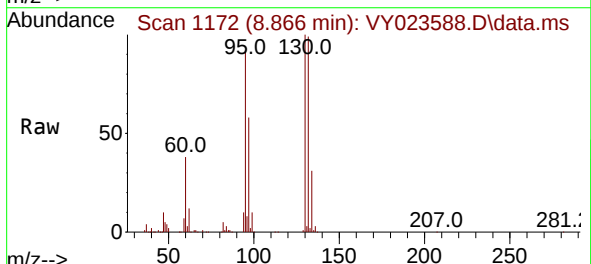
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

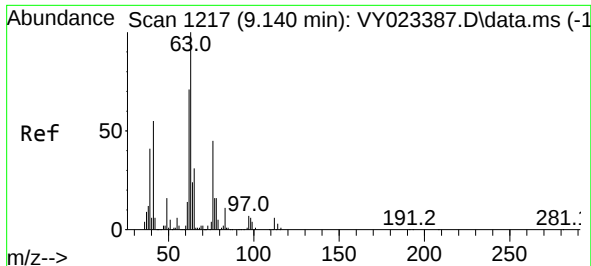
Tgt Ion: 43 Resp: 89935  
Ion Ratio Lower Upper  
43 100  
61 21.9 18.1 27.1  
87 17.5 13.5 20.3



#44  
Trichloroethene  
Concen: 22.225 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:130 Resp: 118439  
Ion Ratio Lower Upper  
130 100  
95 91.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 22.612 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

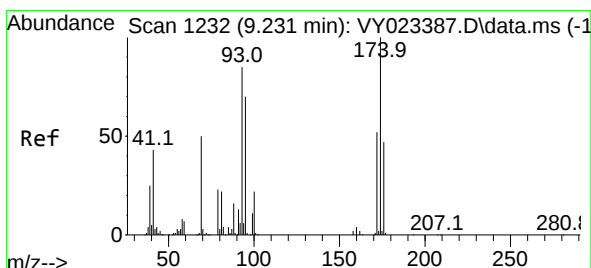
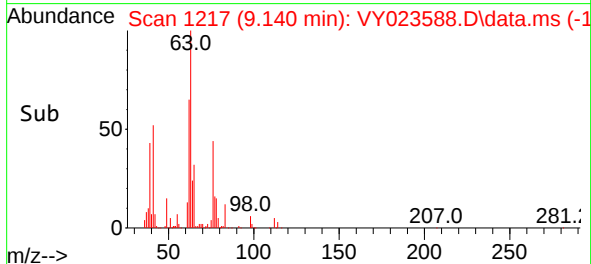
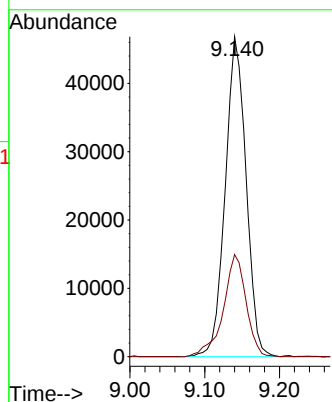
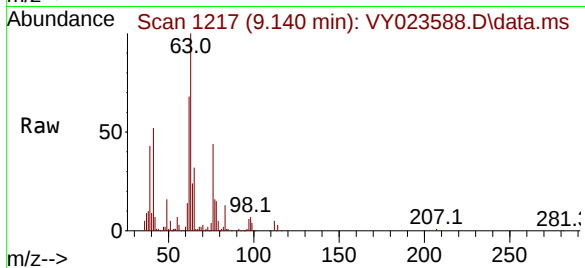
VY1027SBSD01

Tgt Ion: 63 Resp: 90936

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 21.659 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

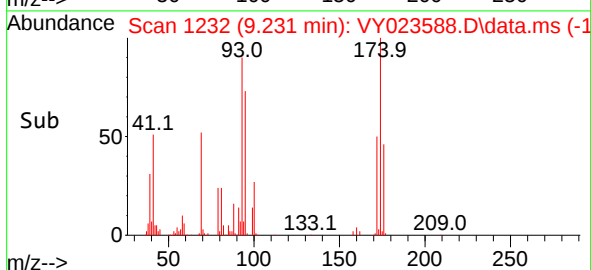
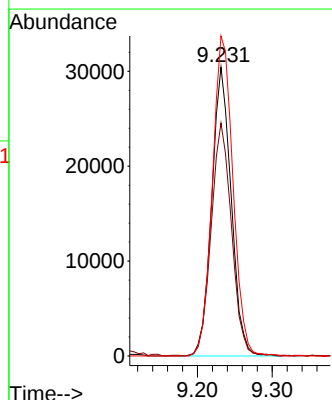
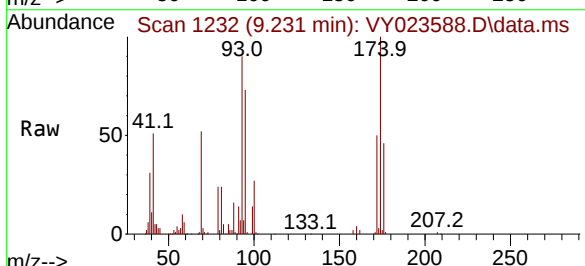
Tgt Ion: 93 Resp: 55078

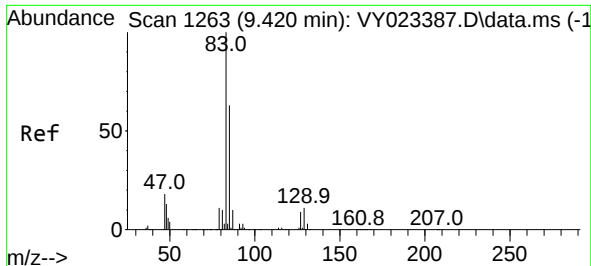
Ion Ratio Lower Upper

93 100

95 84.2 65.4 98.0

174 117.4 92.9 139.3

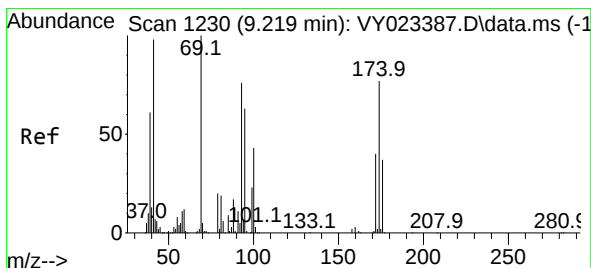
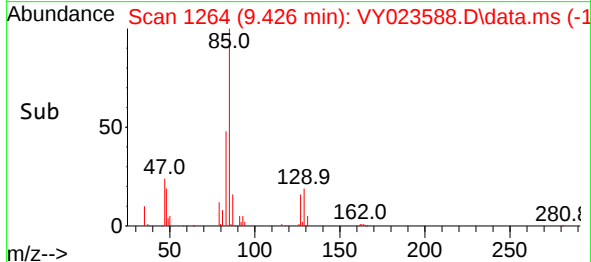
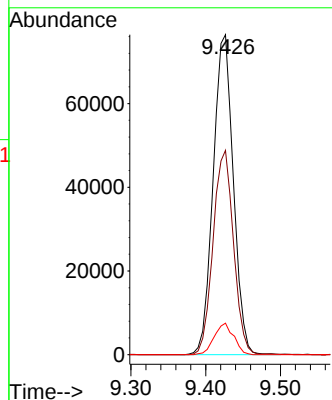
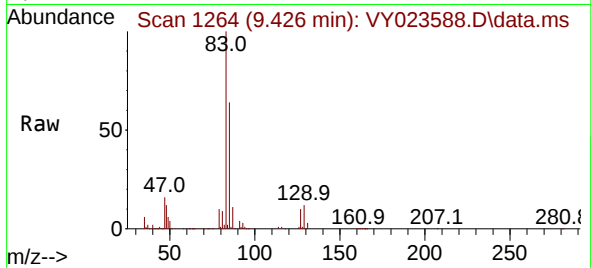




#47  
Bromodichloromethane  
Concen: 22.441 ug/l  
RT: 9.426 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

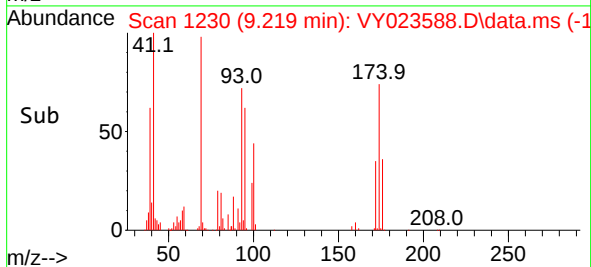
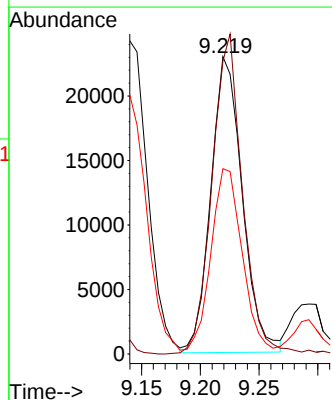
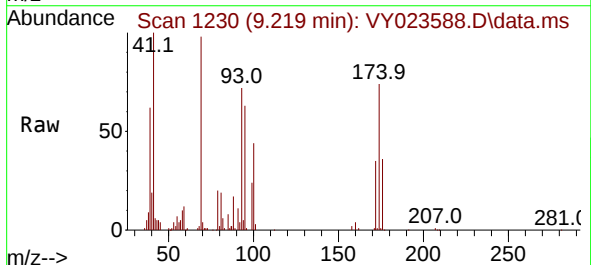
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

Tgt Ion: 83 Resp: 143726  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.8 76.2  
127 9.9 7.4 11.2



#48  
Methyl methacrylate  
Concen: 20.019 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 41 Resp: 42714  
Ion Ratio Lower Upper  
41 100  
69 104.1 81.0 121.4  
39 60.3 48.2 72.4

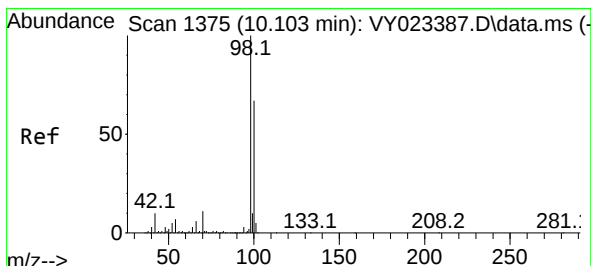
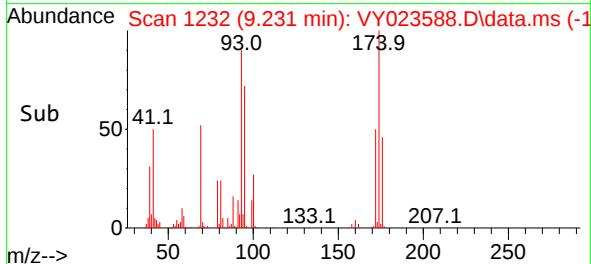
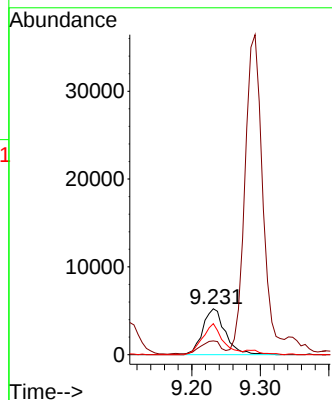
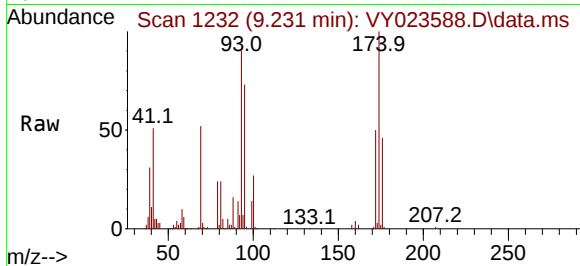




#49  
1,4-Dioxane  
Concen: 406.835 ug/l  
RT: 9.231 min Scan# 11995  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

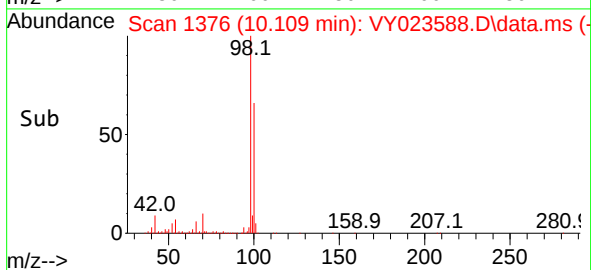
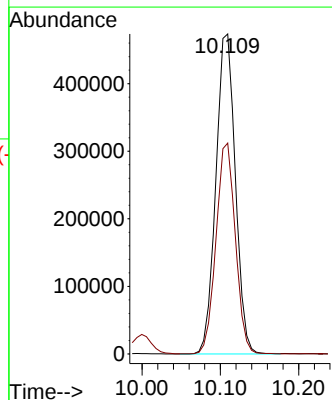
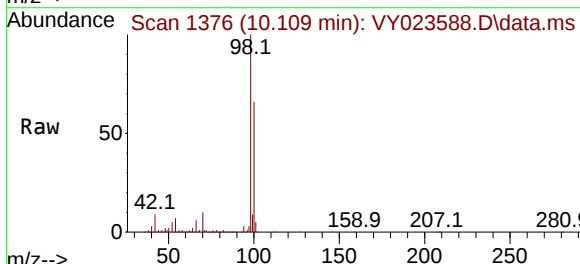
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

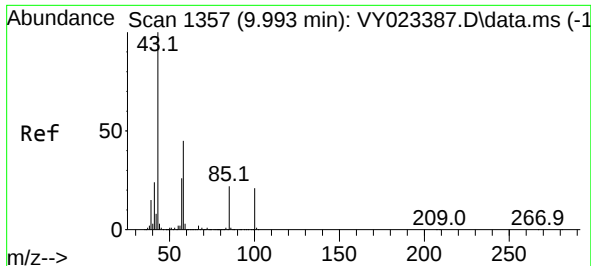
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 24.3  | 21.8  | 32.8  |
| 58      | 60.8  | 46.8  | 70.2  |



#50  
Toluene-d8  
Concen: 50.678 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.3  | 53.0  | 79.4  |





#51

4-Methyl-2-Pentanone

Concen: 103.085 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

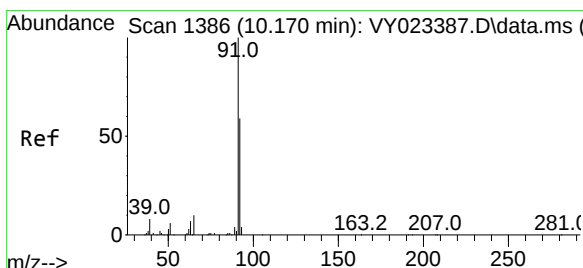
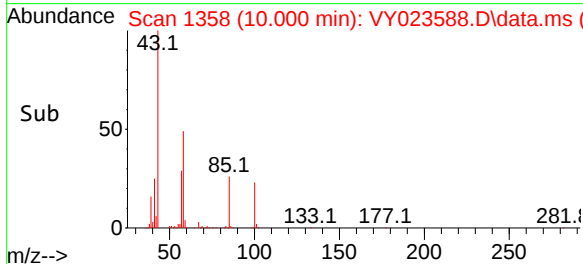
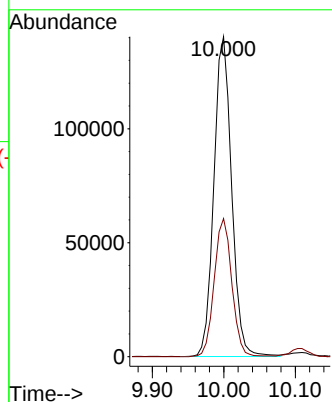
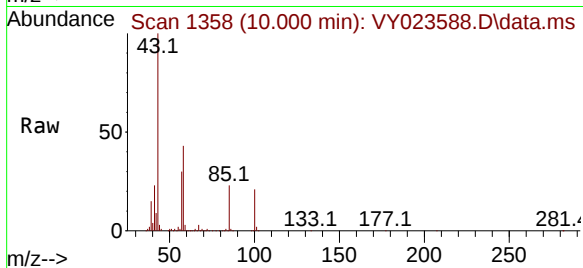
VY1027SBSD01

Tgt Ion: 43 Resp: 241896

Ion Ratio Lower Upper

43 100

58 43.0 35.3 52.9



#52

Toluene

Concen: 22.776 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023588.D

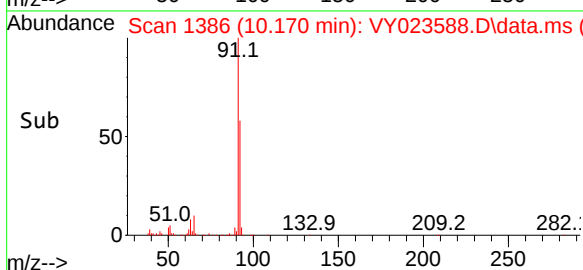
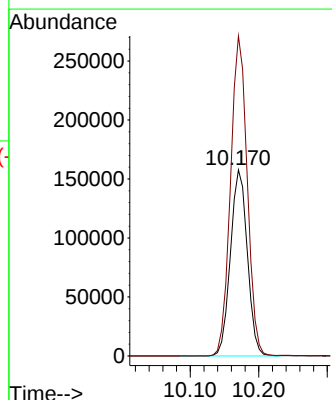
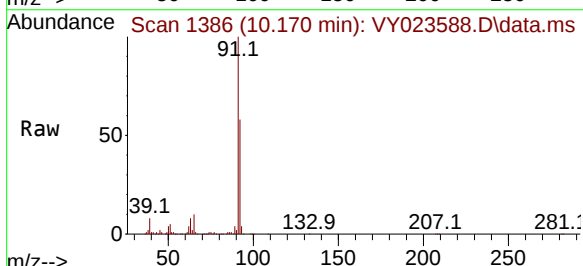
Acq: 27 Oct 2025 10:39

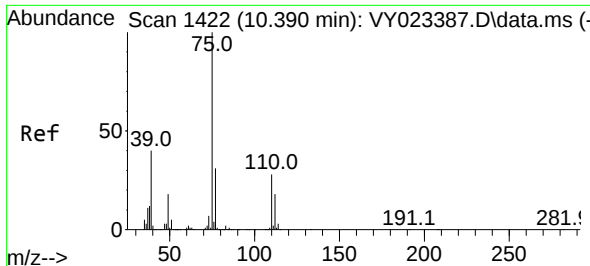
Tgt Ion: 92 Resp: 269255

Ion Ratio Lower Upper

92 100

91 170.2 136.4 204.6

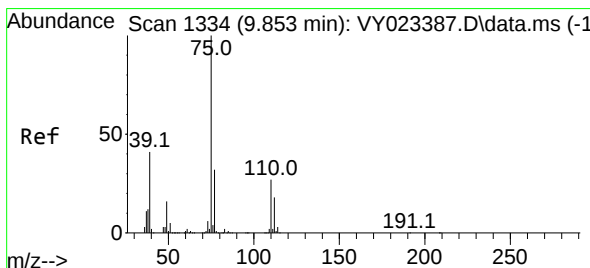
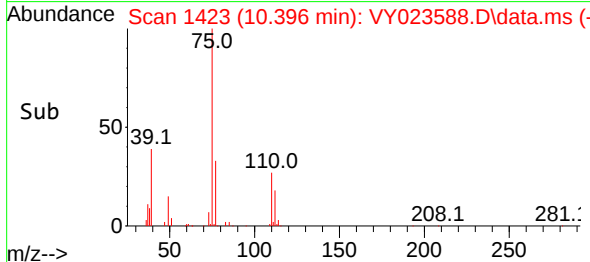
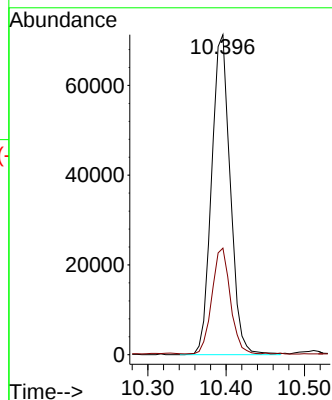
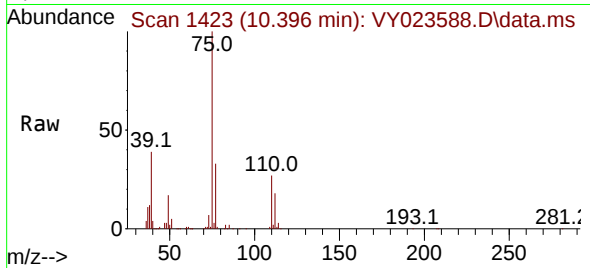




#53  
t-1,3-Dichloropropene  
Concen: 21.198 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

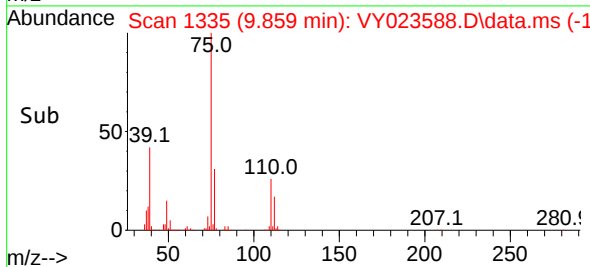
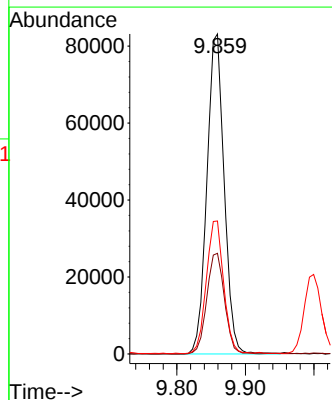
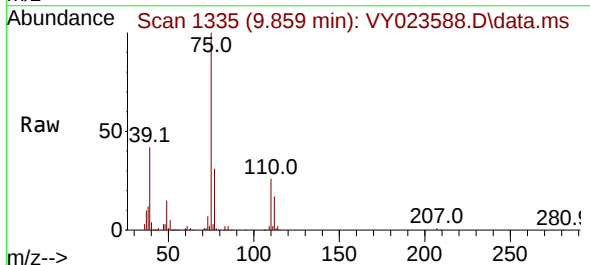
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBS01

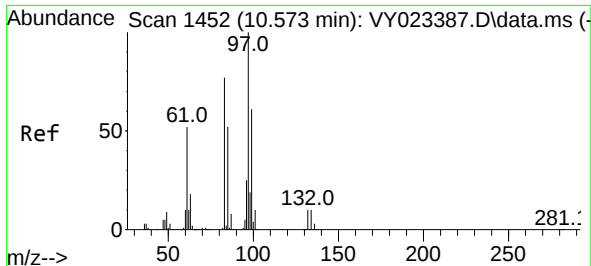
Tgt Ion: 75 Resp: 118047  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 22.177 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 75 Resp: 145757  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.4 38.0  
39 41.4 32.8 49.2

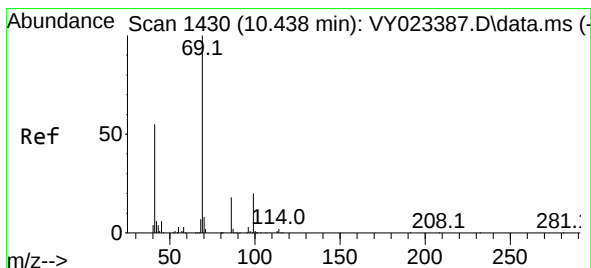
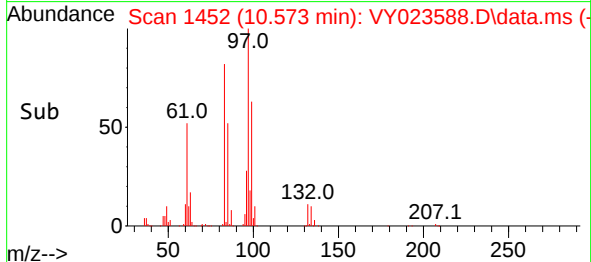
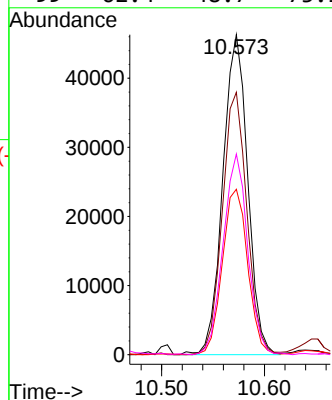
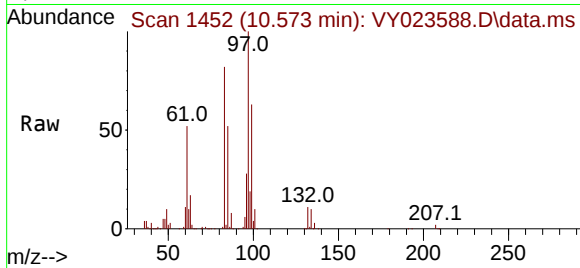




#55  
1,1,2-Trichloroethane  
Concen: 22.725 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

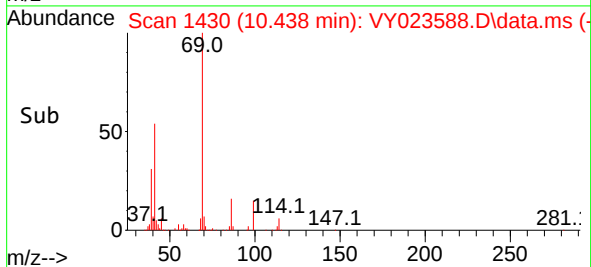
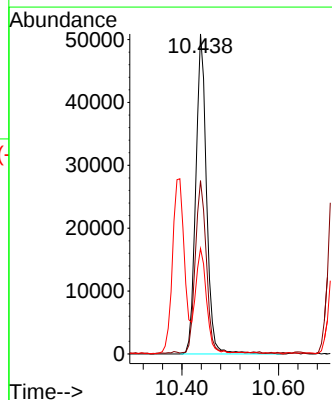
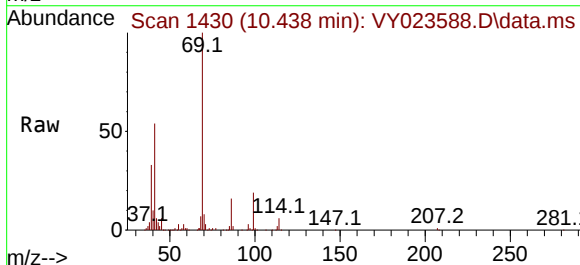
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

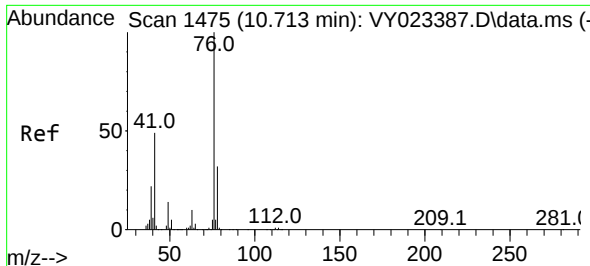
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 77711 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.0     | 61.8 92.6   |
| 85 51.6     | 41.3 61.9   |
| 99 62.4     | 48.7 73.1   |



#56  
Ethyl methacrylate  
Concen: 19.803 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 78113 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 55.4     | 44.6 67.0   |
| 39 32.0     | 27.0 40.4   |





#57

1,3-Dichloropropane

Concen: 22.190 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

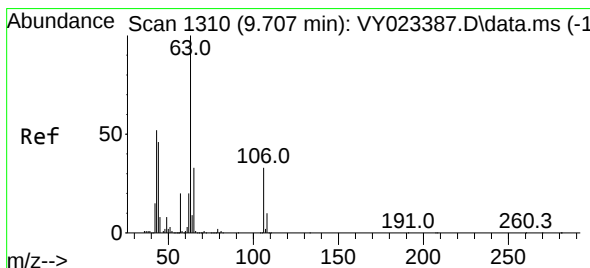
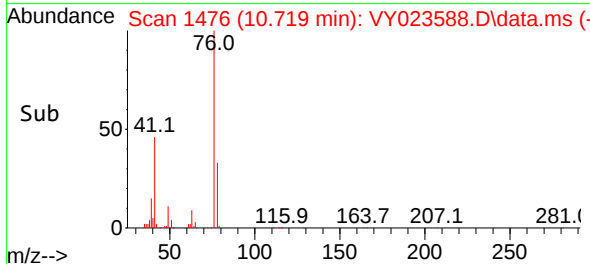
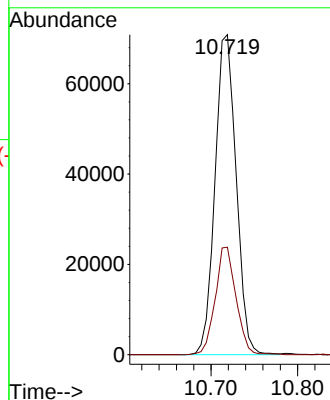
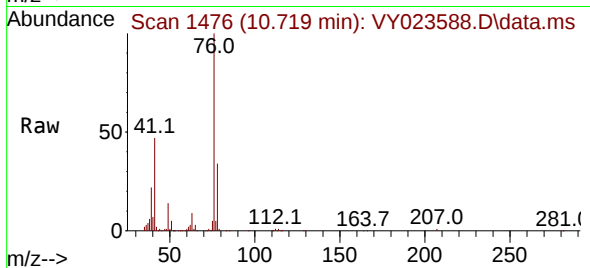
VY1027SBSD01

Tgt Ion: 76 Resp: 120242

Ion Ratio Lower Upper

76 100

78 33.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.260 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023588.D

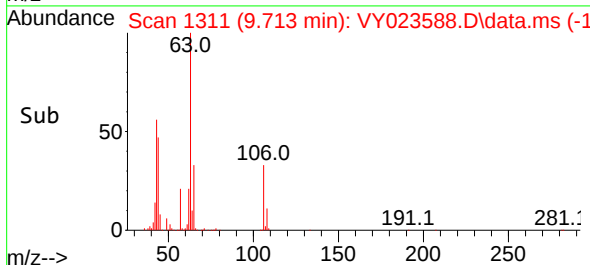
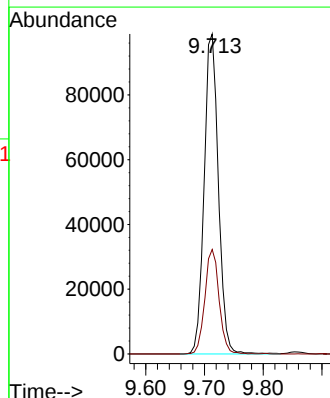
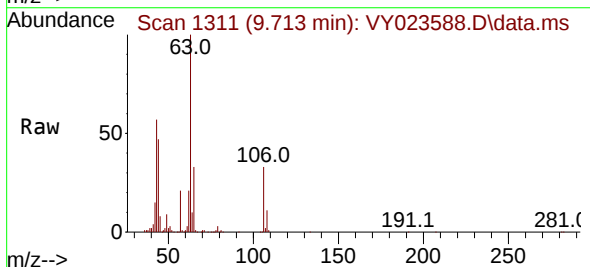
Acq: 27 Oct 2025 10:39

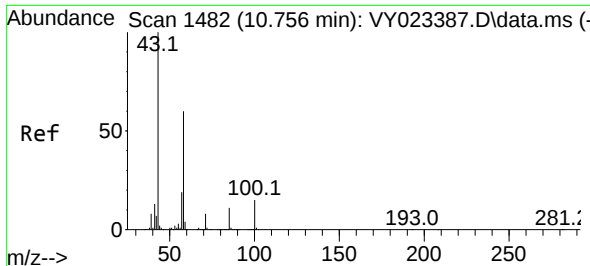
Tgt Ion: 63 Resp: 166565

Ion Ratio Lower Upper

63 100

106 32.6 26.6 39.8

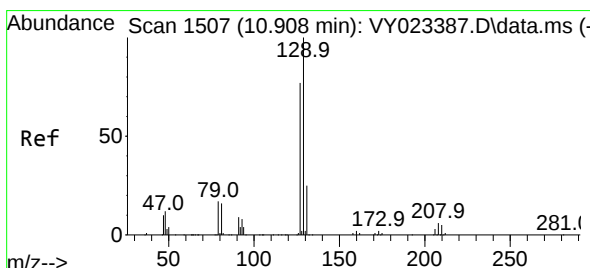
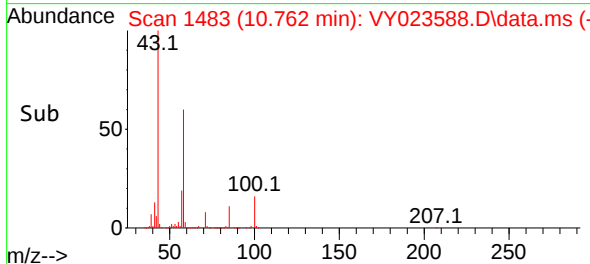
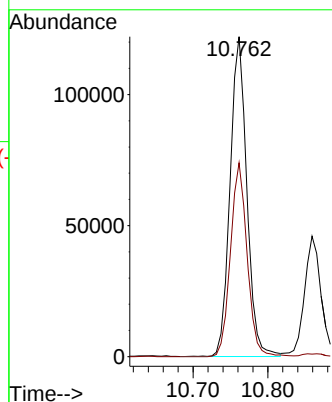
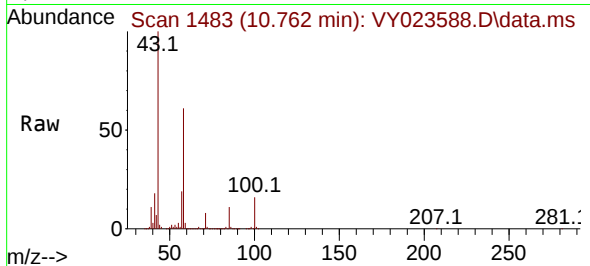




#59  
2-Hexanone  
Concen: 113.098 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

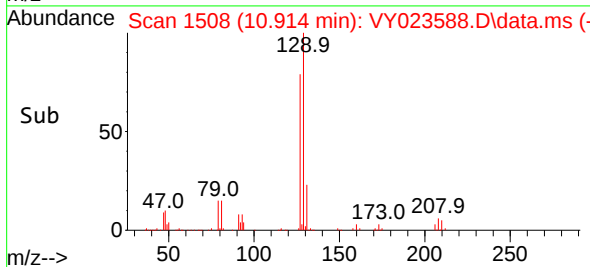
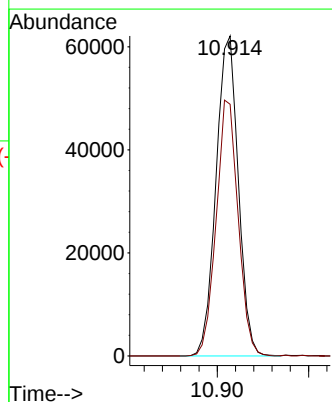
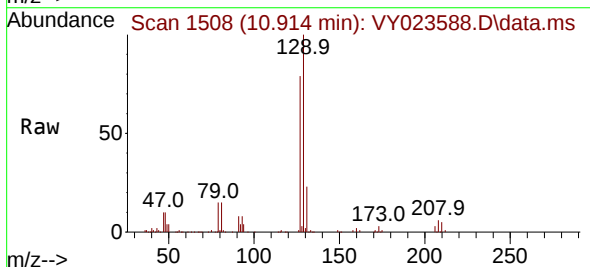
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

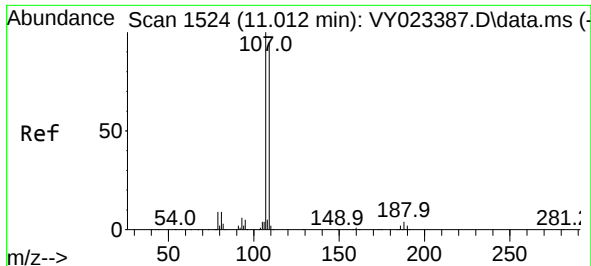
Tgt Ion: 43 Resp: 189661  
Ion Ratio Lower Upper  
43 100  
58 60.5 30.5 91.5



#60  
Dibromochloromethane  
Concen: 21.922 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 129 Resp: 105104  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.6 115.7

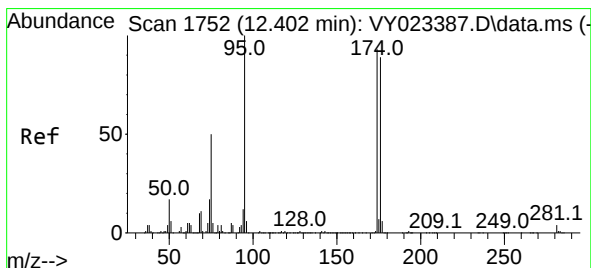
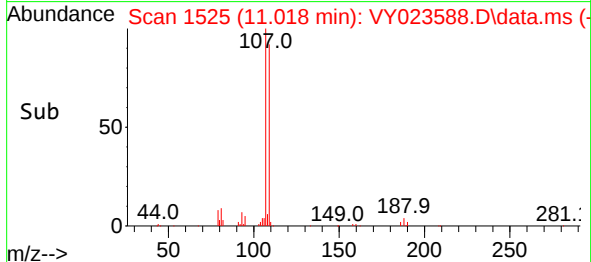
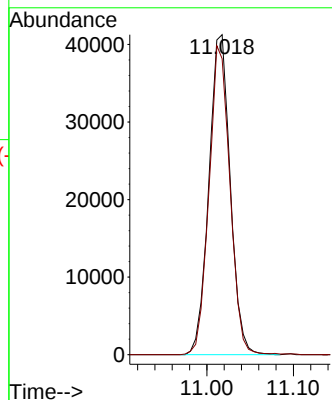
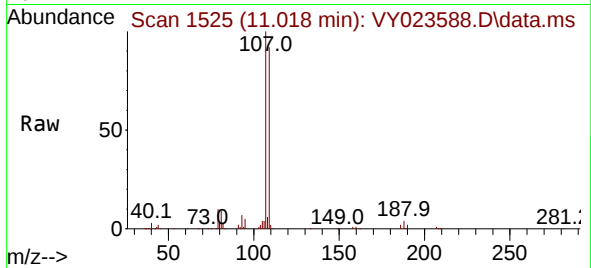




#61  
1,2-Dibromoethane  
Concen: 21.666 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

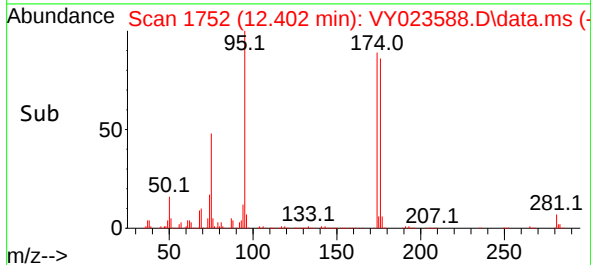
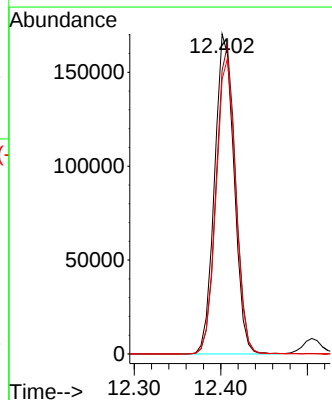
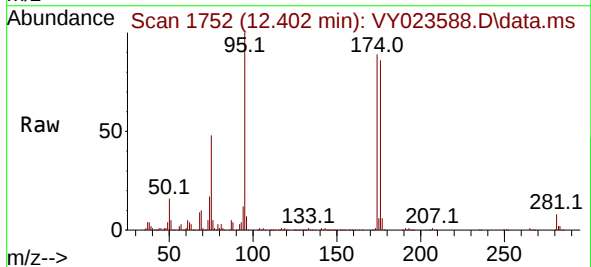
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

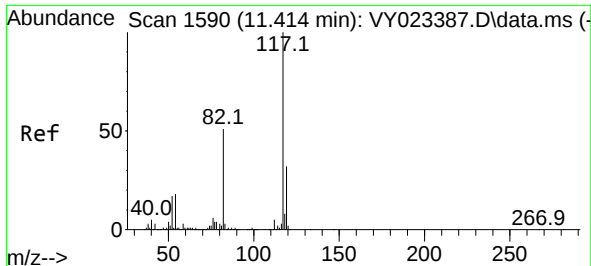
Tgt Ion:107 Resp: 70658  
Ion Ratio Lower Upper  
107 100  
109 94.7 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 49.943 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 95 Resp: 266662  
Ion Ratio Lower Upper  
95 100  
174 96.6 0.0 192.8  
176 92.7 0.0 187.6

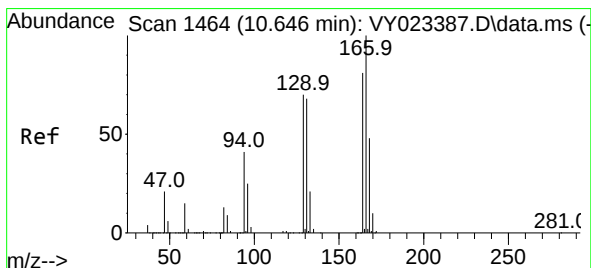
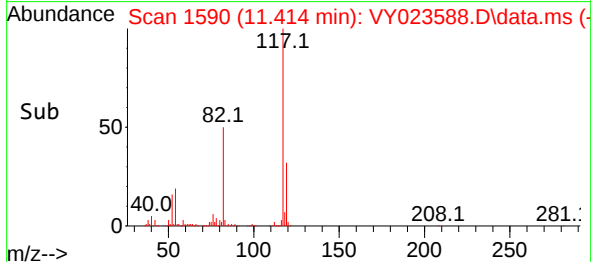
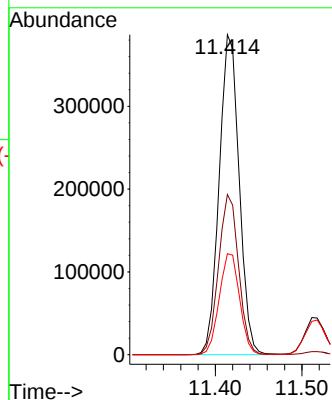
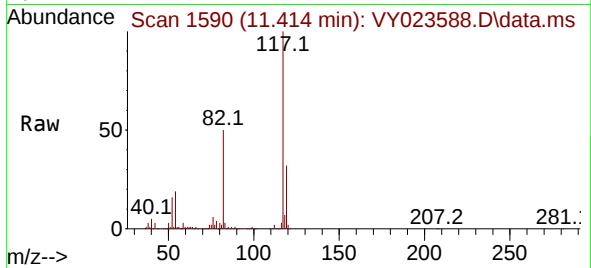




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

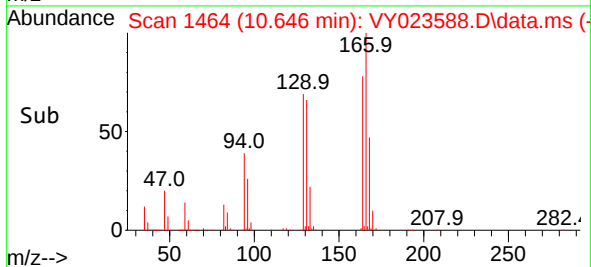
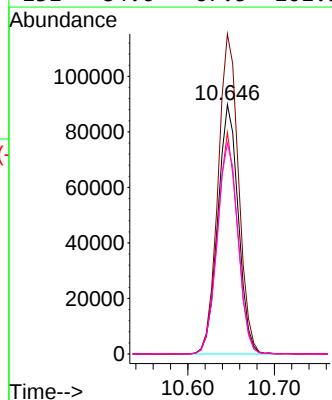
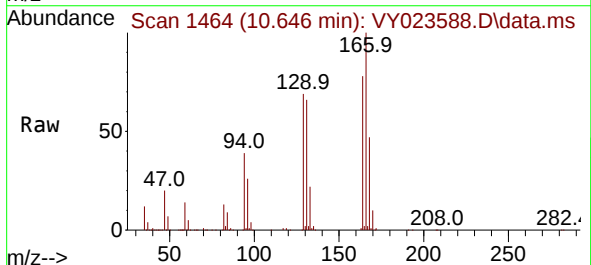
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

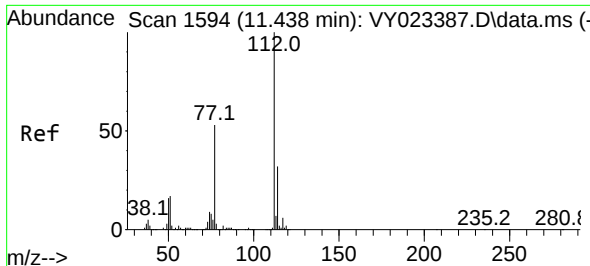
Tgt Ion:117 Resp: 619972  
Ion Ratio Lower Upper  
117 100  
82 50.0 41.0 61.4  
119 31.5 25.6 38.4



#64  
Tetrachloroethene  
Concen: 23.073 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:164 Resp: 147698  
Ion Ratio Lower Upper  
164 100  
166 128.3 99.4 149.0  
129 88.8 69.4 104.2  
131 84.6 67.5 101.3

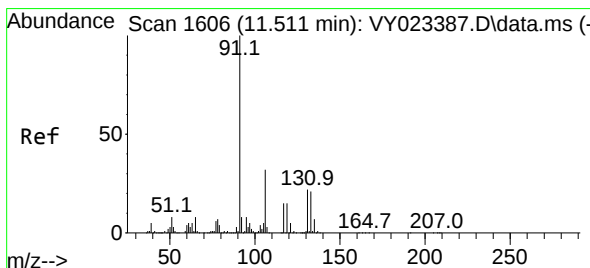
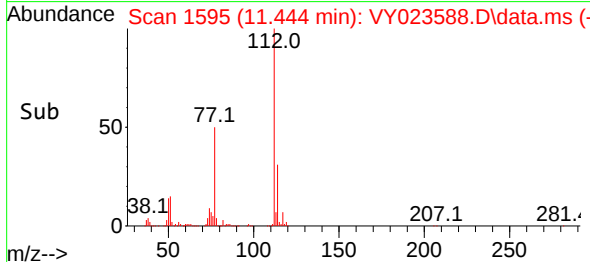
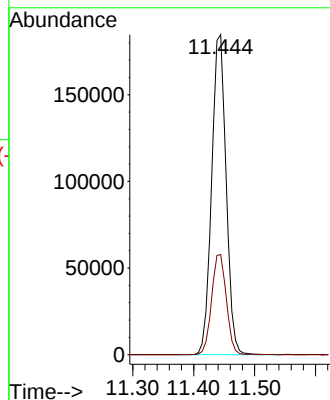
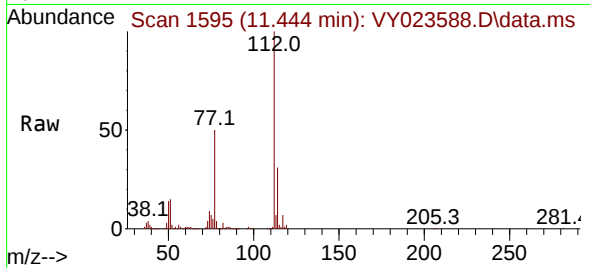




#65  
Chlorobenzene  
Concen: 22.571 ug/l  
RT: 11.444 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

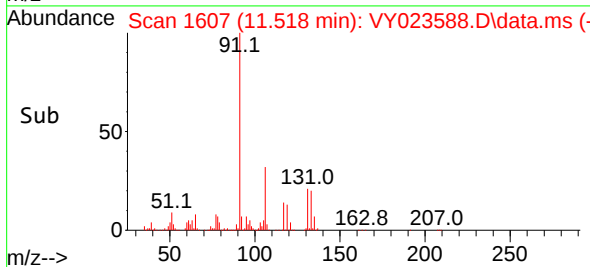
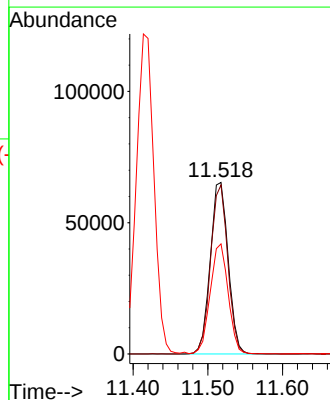
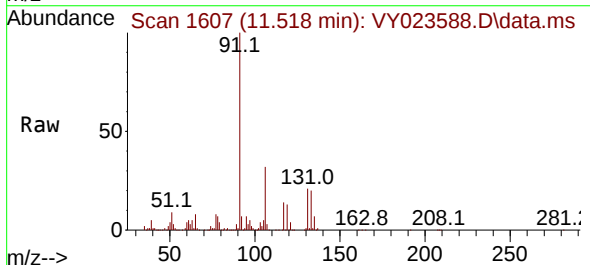
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

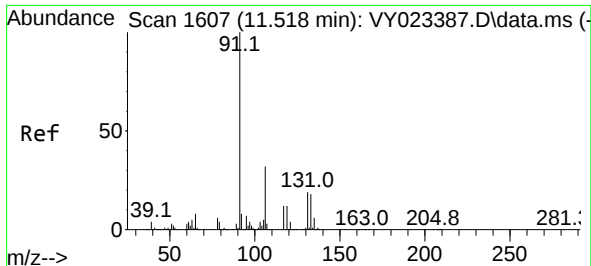
Tgt Ion:112 Resp: 304353  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.721 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:131 Resp: 109178  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.4 145.2  
119 64.3 32.4 97.2





#67

Ethyl Benzene

Concen: 22.201 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

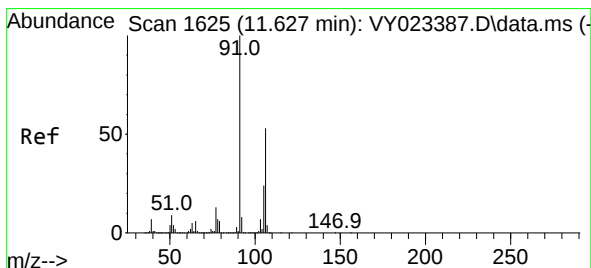
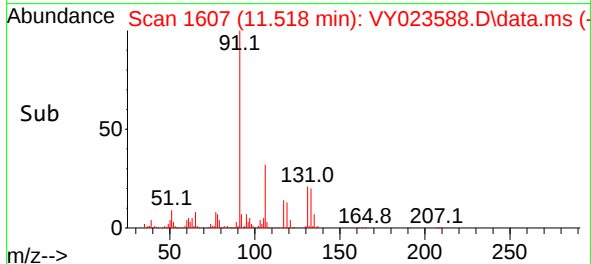
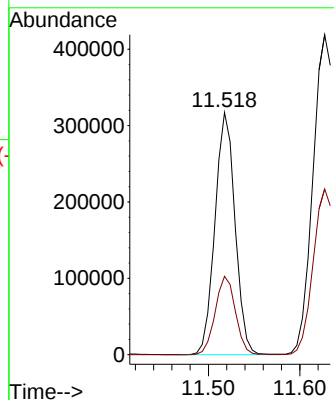
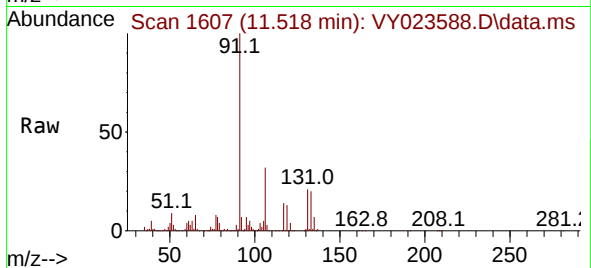
VY1027SBSD01

Tgt Ion: 91 Resp: 484581

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 44.607 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023588.D

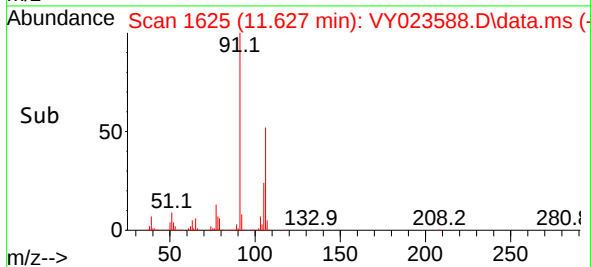
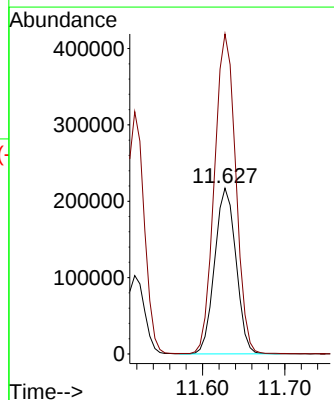
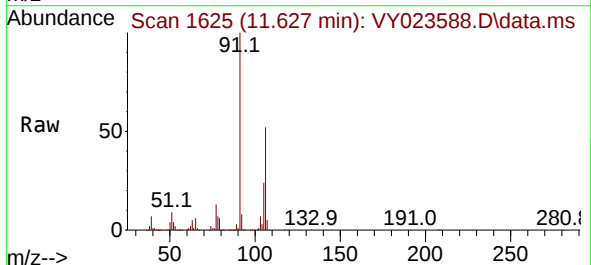
Acq: 27 Oct 2025 10:39

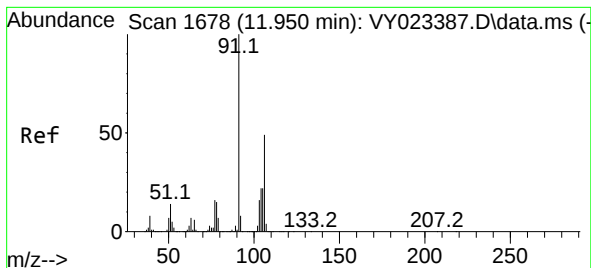
Tgt Ion:106 Resp: 390520

Ion Ratio Lower Upper

106 100

91 193.7 152.6 229.0

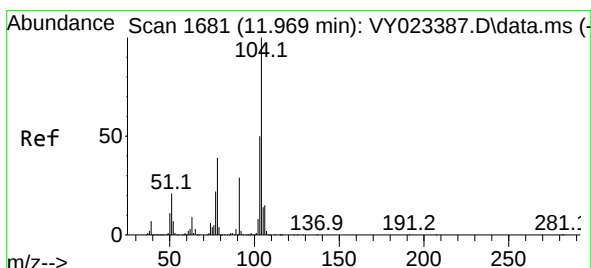
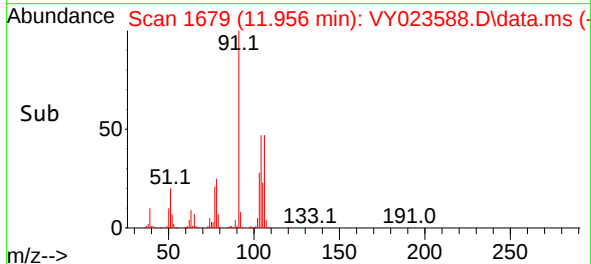
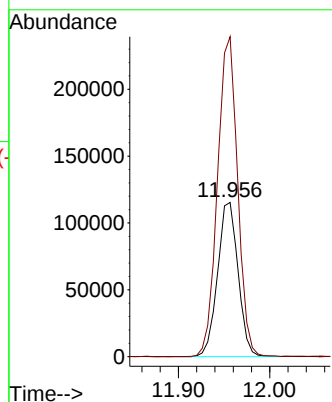
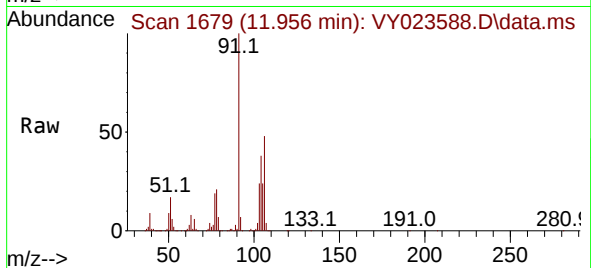




#69  
o-Xylene  
Concen: 21.920 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

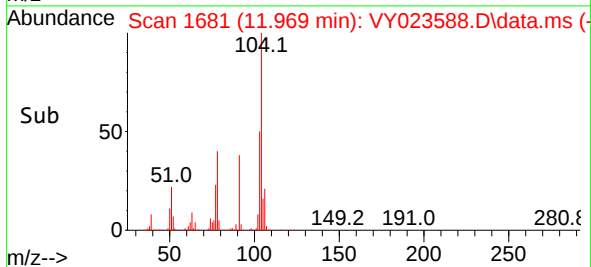
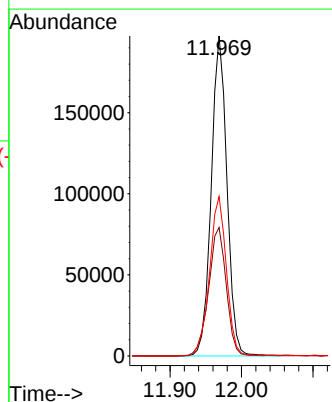
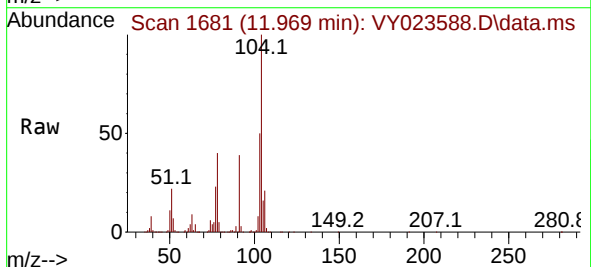
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

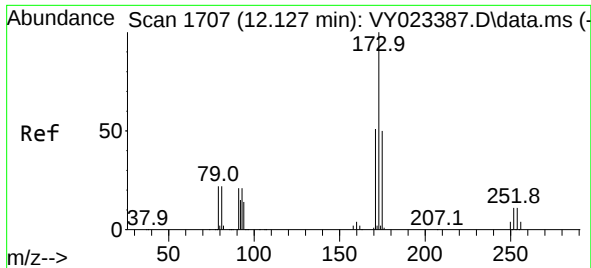
Tgt Ion:106 Resp: 179997  
Ion Ratio Lower Upper  
106 100  
91 204.3 101.4 304.1



#70  
Styrene  
Concen: 22.315 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:104 Resp: 301330  
Ion Ratio Lower Upper  
104 100  
78 45.0 36.1 54.1  
103 53.6 43.2 64.8

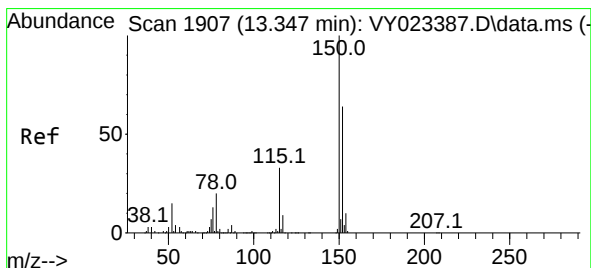
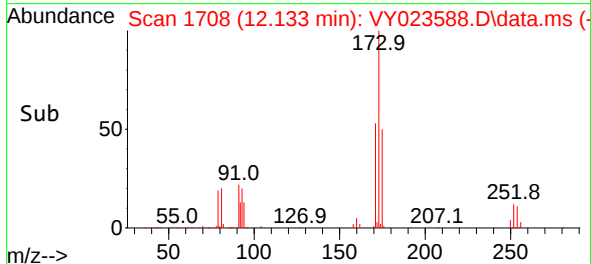
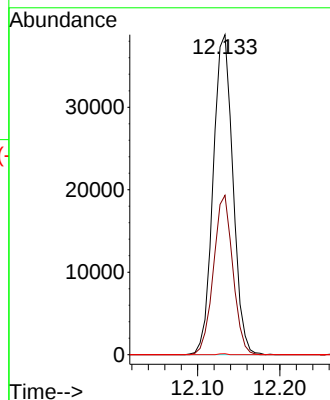
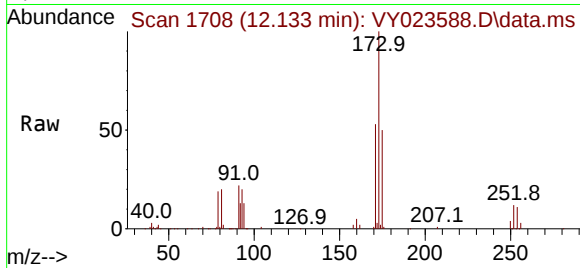




#71  
Bromoform  
Concen: 21.688 ug/l  
RT: 12.133 min Scan# 1707  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

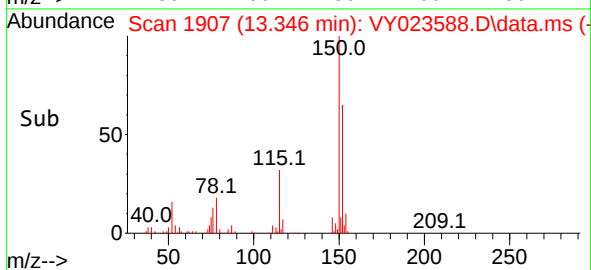
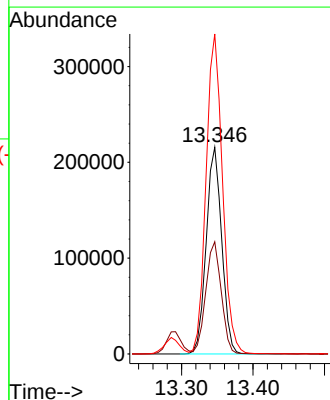
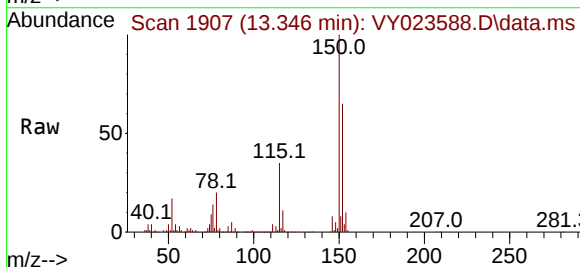
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

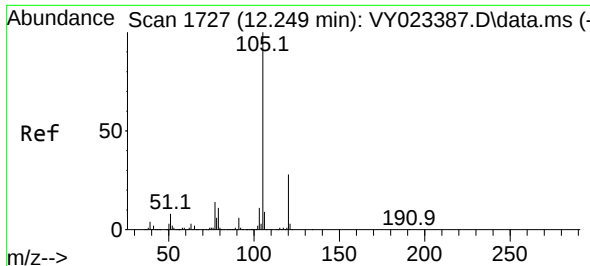
Tgt Ion:173 Resp: 64644  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.8 74.3  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:152 Resp: 325402  
Ion Ratio Lower Upper  
152 100  
115 53.9 27.1 81.2  
150 163.9 0.0 347.4

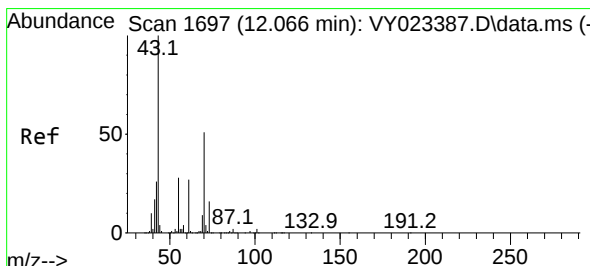
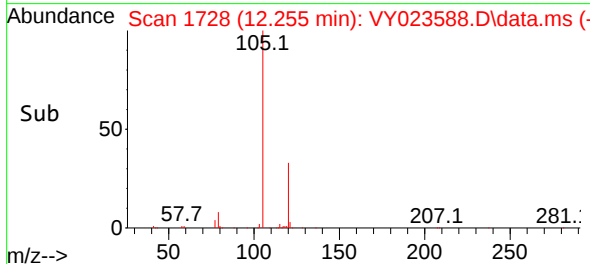
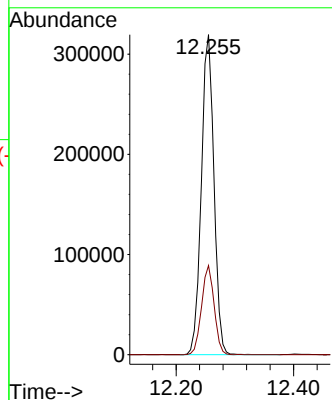
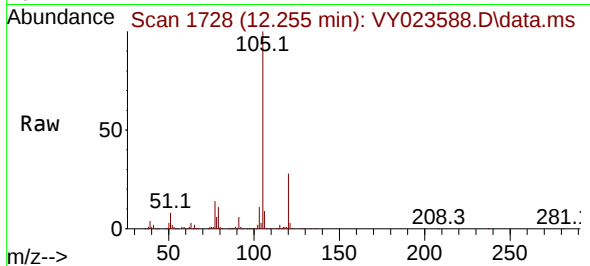




#73  
Isopropylbenzene  
Concen: 22.189 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

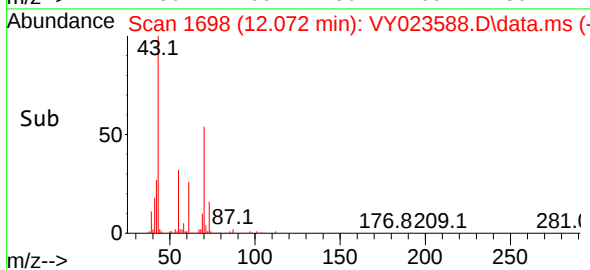
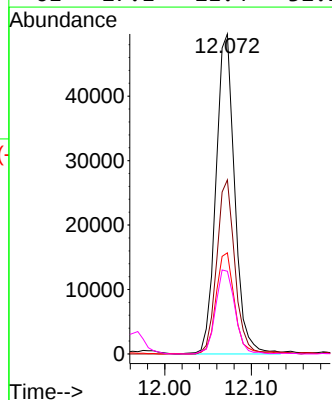
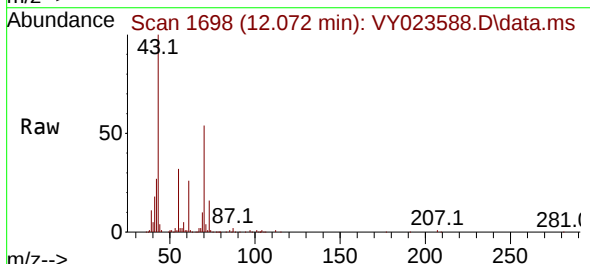
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

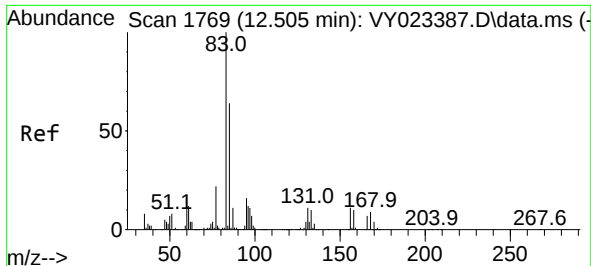
Tgt Ion:105 Resp: 475826  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.9 41.7



#74  
N-ethyl acetate  
Concen: 19.380 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 43 Resp: 74645  
Ion Ratio Lower Upper  
43 100  
70 52.6 41.1 61.7  
55 31.7 23.0 34.6  
61 27.1 21.4 32.2

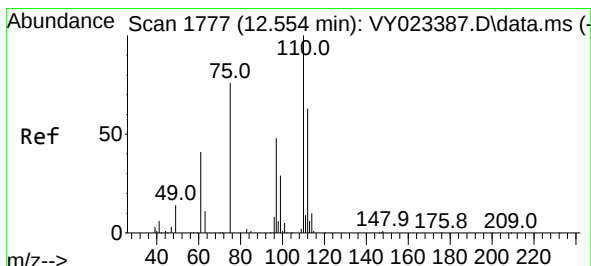
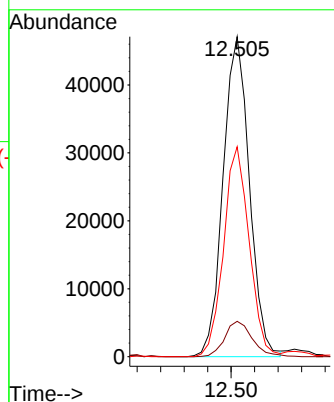
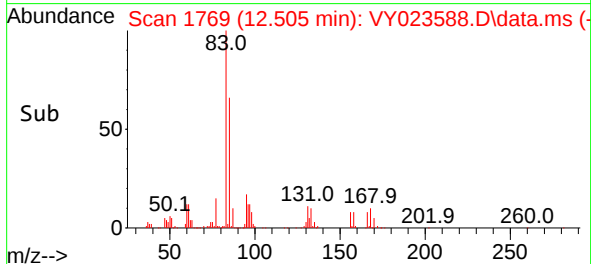
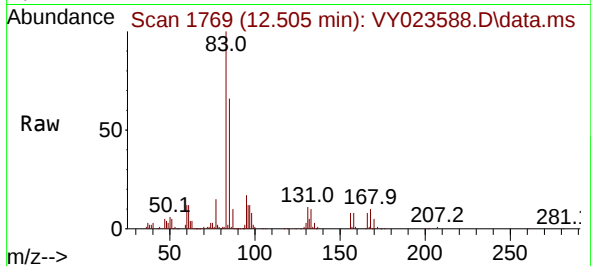




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.879 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

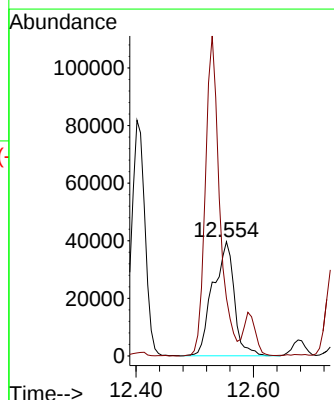
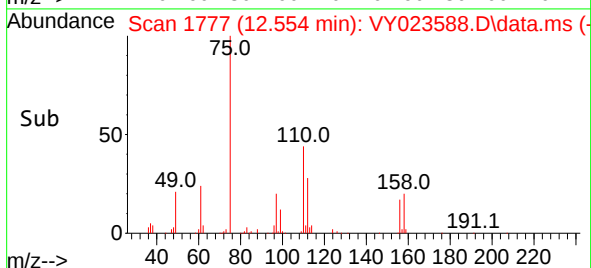
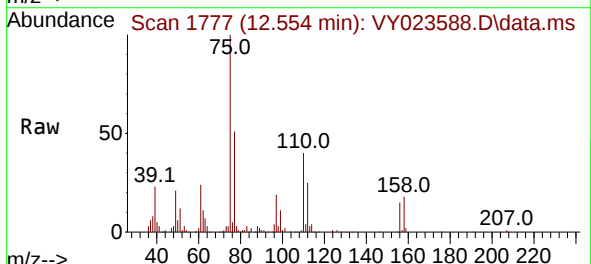
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

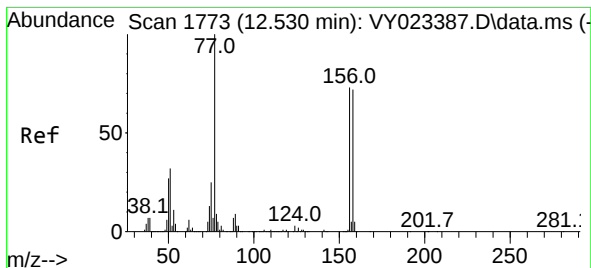
Tgt Ion: 83 Resp: 73229  
 Ion Ratio Lower Upper  
 83 100  
 131 11.6 5.9 17.6  
 85 63.9 31.8 95.3



#76  
 1,2,3-Trichloropropane  
 Concen: 34.671 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Tgt Ion: 75 Resp: 99537  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.620 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBS01

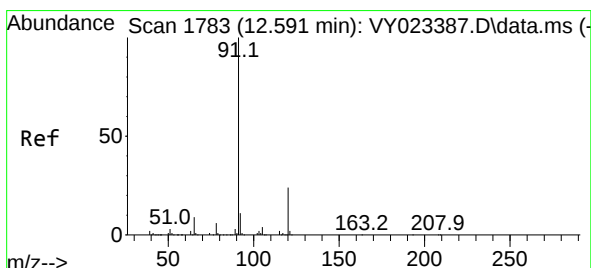
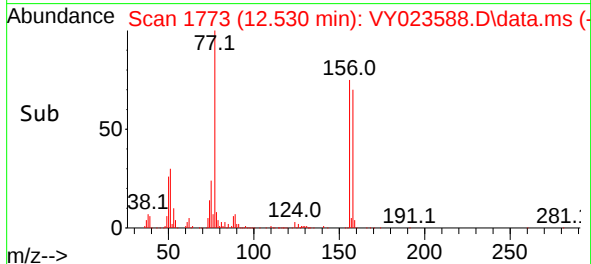
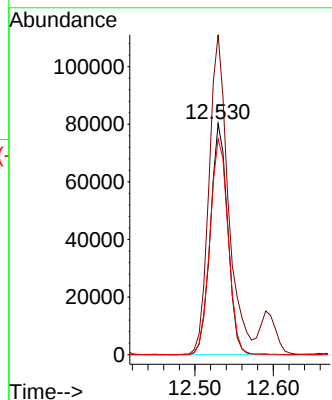
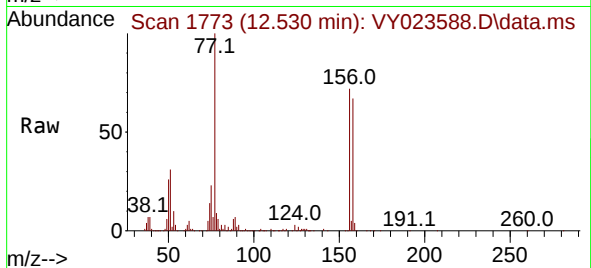
Tgt Ion:156 Resp: 123258

Ion Ratio Lower Upper

156 100

77 153.3 76.8 230.5

158 97.8 49.0 147.2



#78

n-propylbenzene

Concen: 22.496 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023588.D

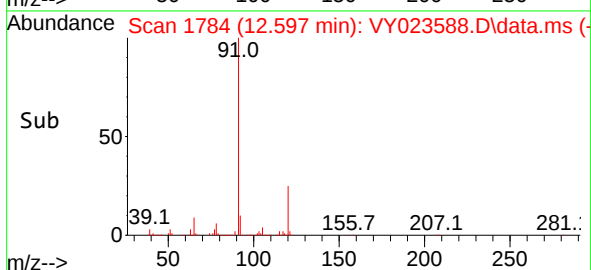
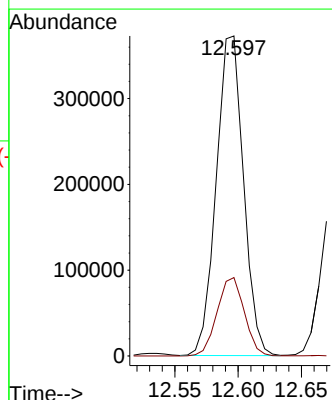
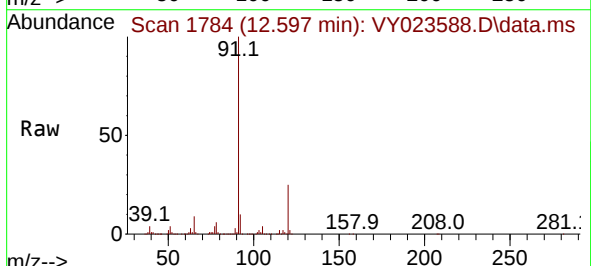
Acq: 27 Oct 2025 10:39

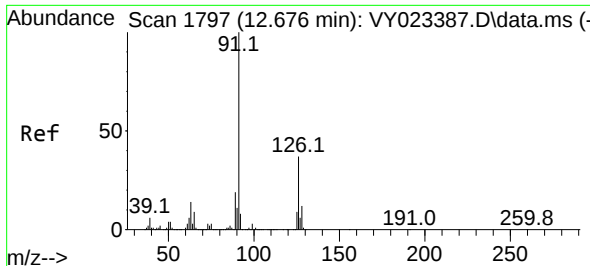
Tgt Ion: 91 Resp: 558261

Ion Ratio Lower Upper

91 100

120 24.5 12.3 36.8

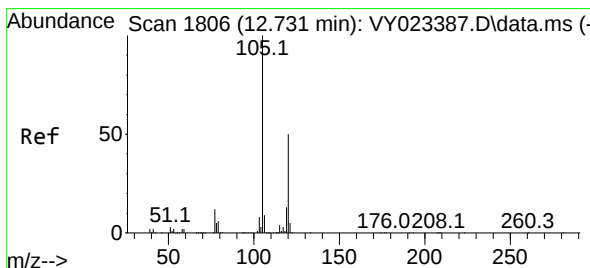
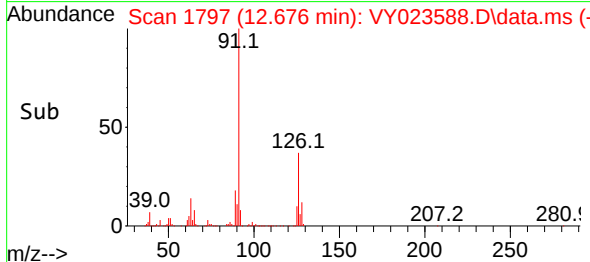
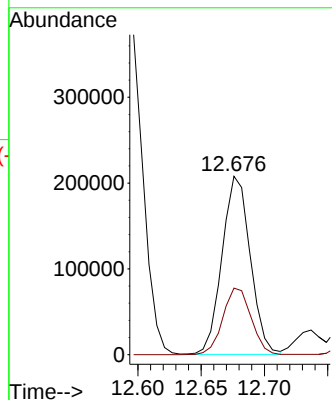
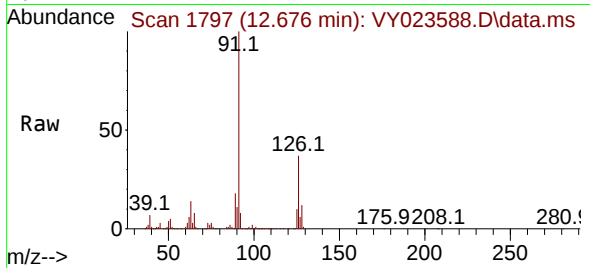




#79  
2-Chlorotoluene  
Concen: 22.199 ug/l  
RT: 12.676 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

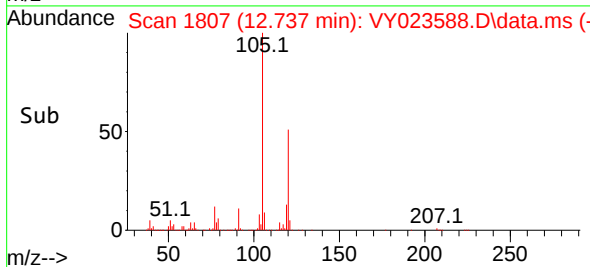
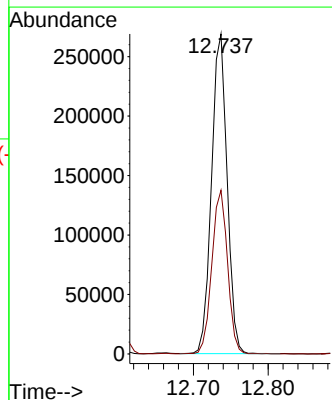
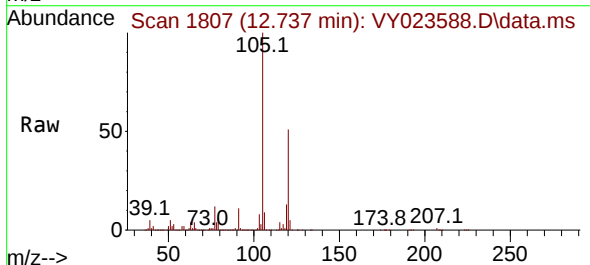
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBS01

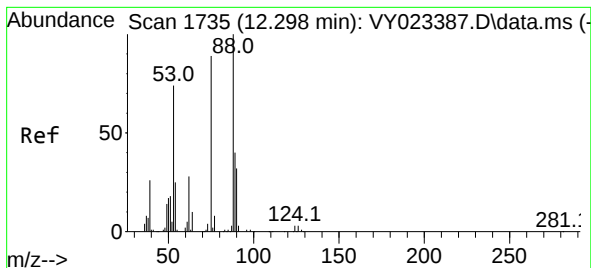
Tgt Ion: 91 Resp: 322587  
Ion Ratio Lower Upper  
91 100  
126 37.4 18.5 55.5



#80  
1,3,5-Trimethylbenzene  
Concen: 22.439 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 105 Resp: 388839  
Ion Ratio Lower Upper  
105 100  
120 51.6 25.4 76.4

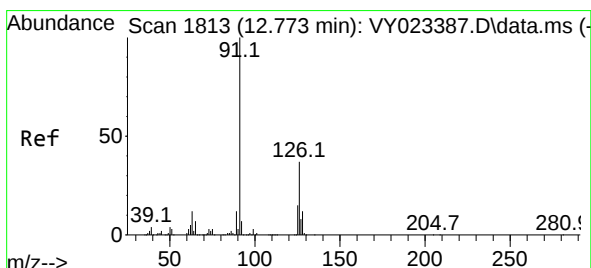
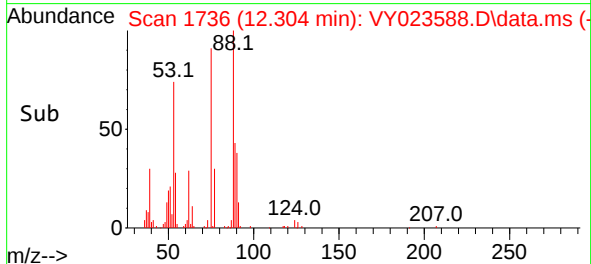
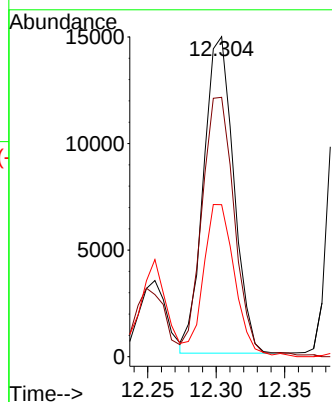
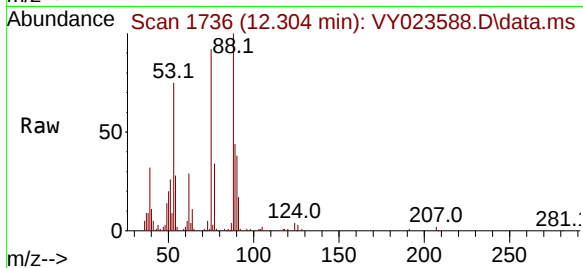




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.395 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

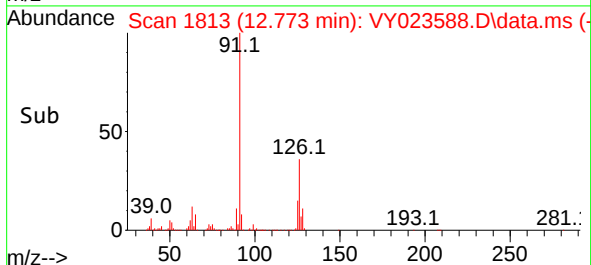
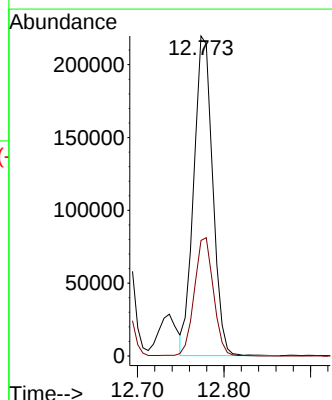
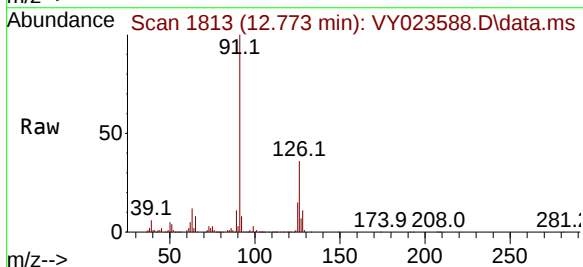
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

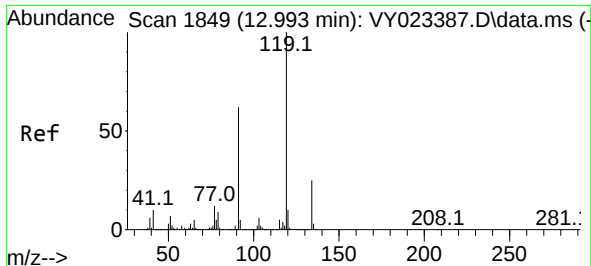
Tgt Ion: 75 Resp: 22707  
Ion Ratio Lower Upper  
75 100  
53 89.1 68.6 102.8  
89 50.0 39.0 58.4



#82  
4-Chlorotoluene  
Concen: 22.230 ug/l  
RT: 12.773 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion: 91 Resp: 332694  
Ion Ratio Lower Upper  
91 100  
126 37.5 18.4 55.4

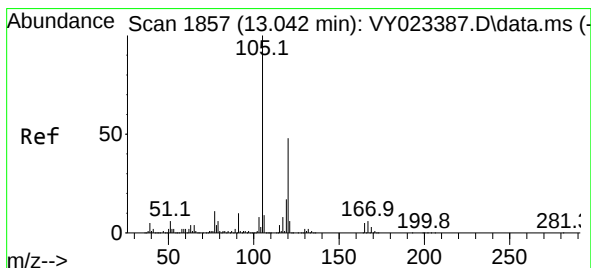
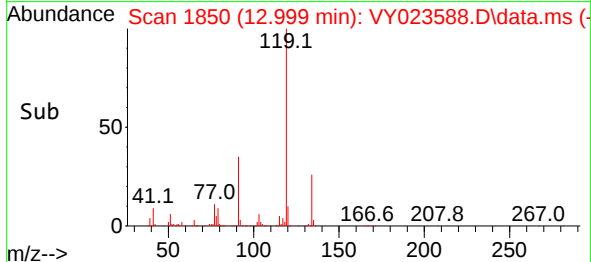
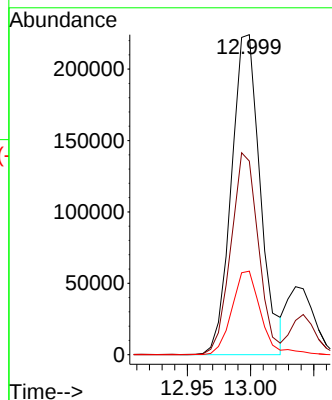
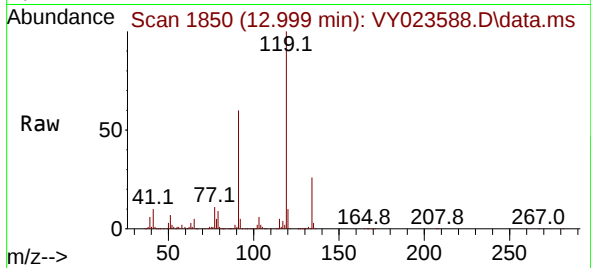




#83  
tert-Butylbenzene  
Concen: 22.272 ug/l  
RT: 12.999 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

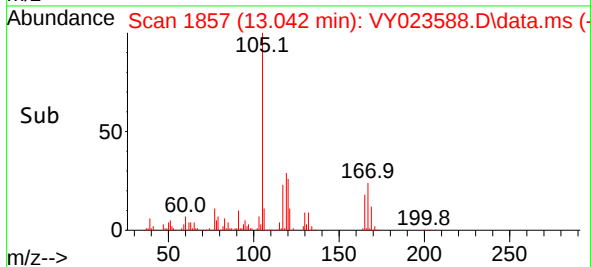
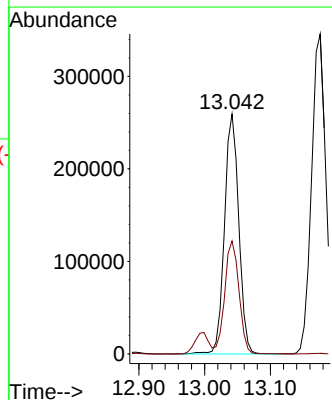
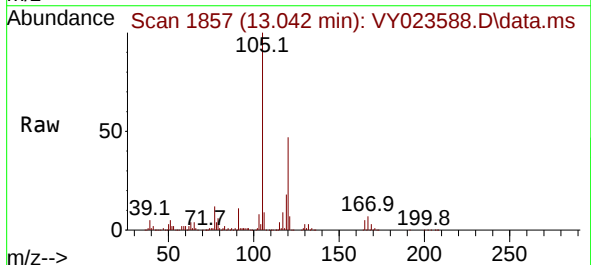
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1027SBSD01

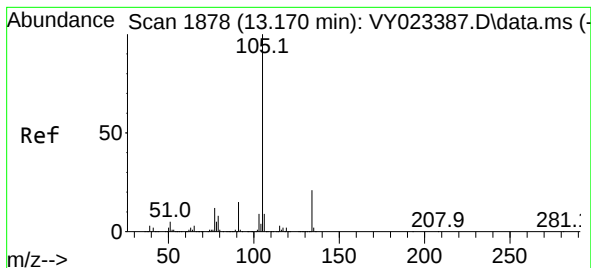
Tgt Ion:119 Resp: 356347  
Ion Ratio Lower Upper  
119 100  
91 60.1 29.9 89.8  
134 26.3 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 22.654 ug/l  
RT: 13.042 min Scan# 1857  
Delta R.T. -0.000 min  
Lab File: VY023588.D  
Acq: 27 Oct 2025 10:39

Tgt Ion:105 Resp: 391778  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 22.656 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

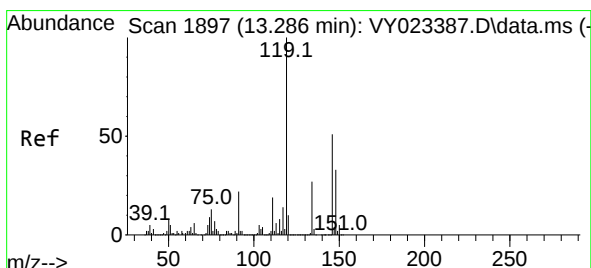
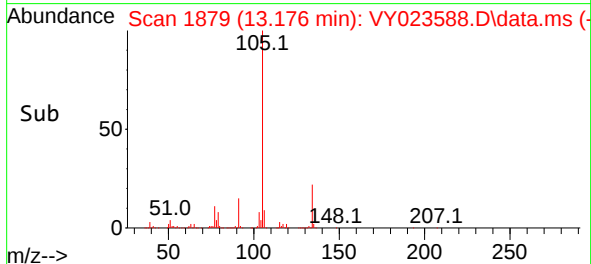
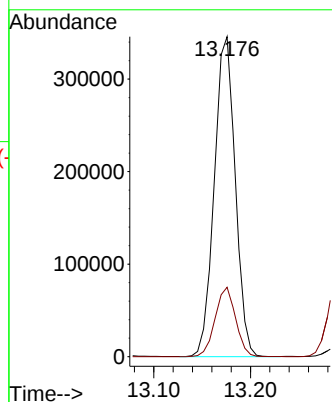
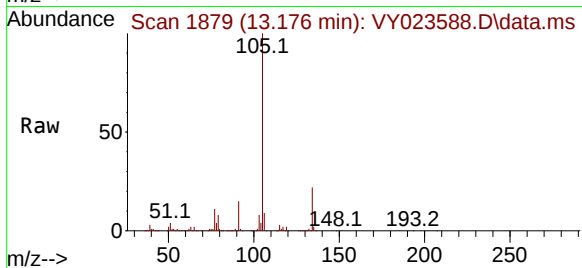
VY1027SBSD01

Tgt Ion:105 Resp: 519994

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 22.265 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

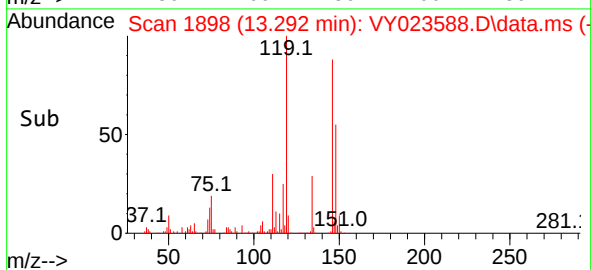
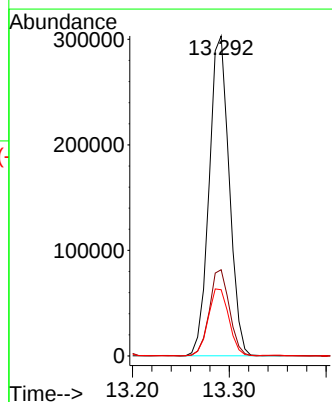
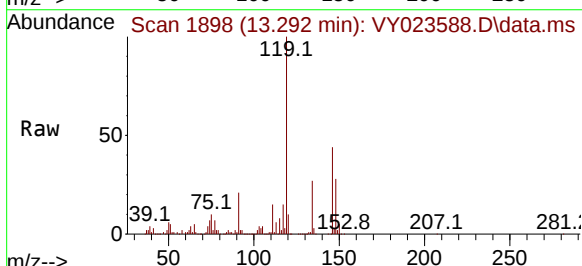
Tgt Ion:119 Resp: 435093

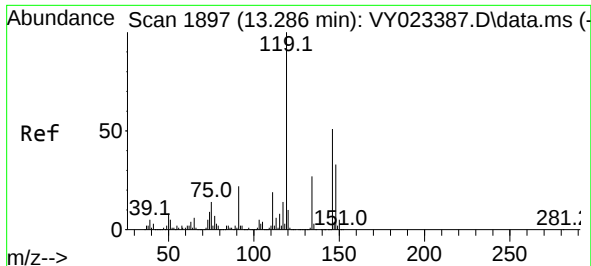
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 21.928 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBSD01

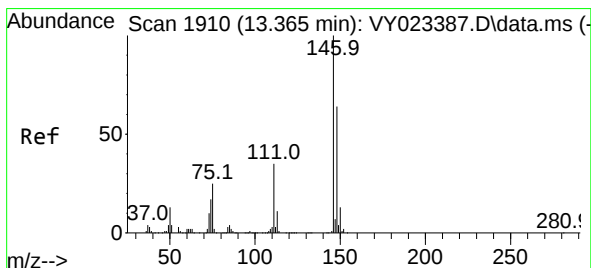
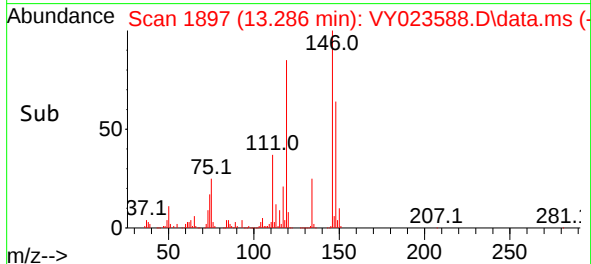
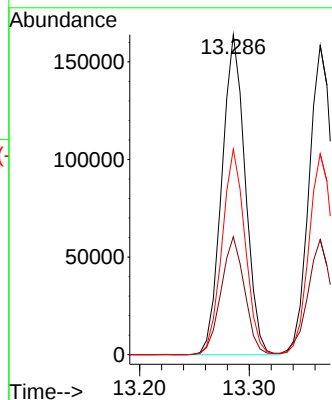
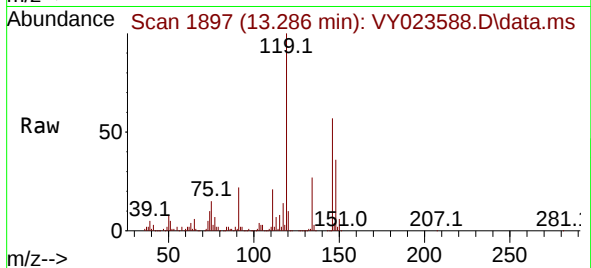
Tgt Ion:146 Resp: 243437

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.929 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

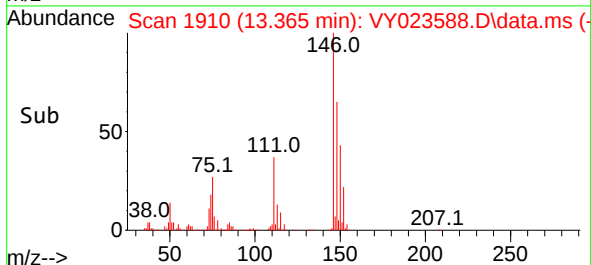
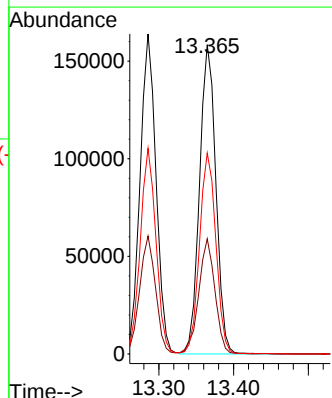
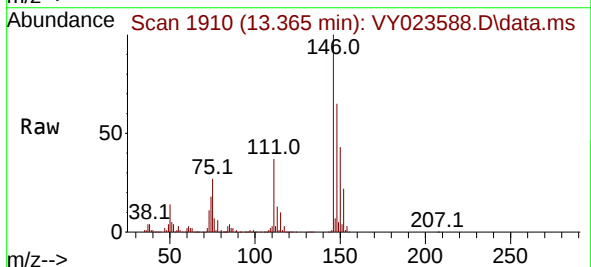
Tgt Ion:146 Resp: 240439

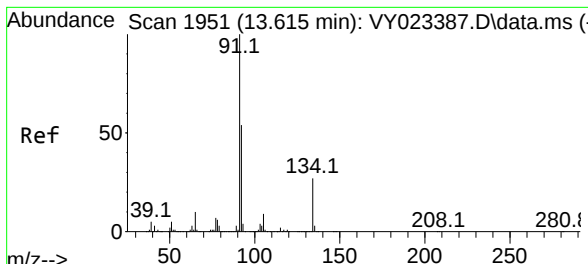
Ion Ratio Lower Upper

146 100

111 37.1 18.0 54.0

148 65.3 31.9 95.7



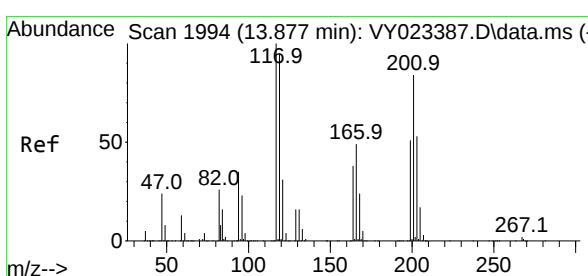
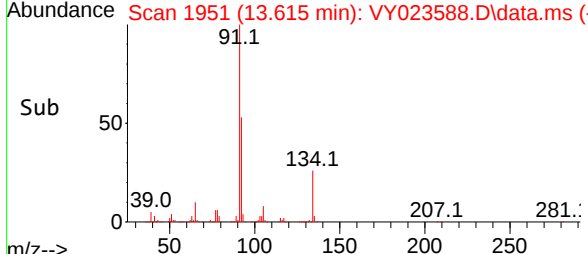
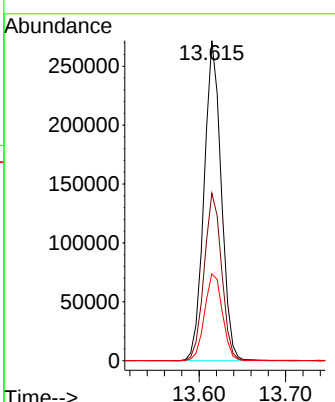
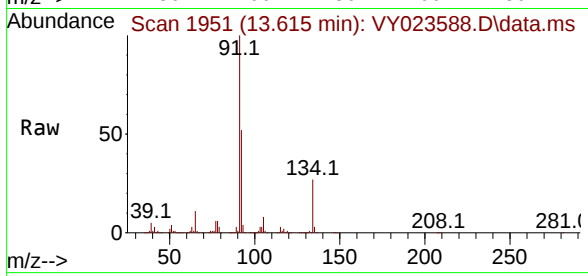


#89  
 n-Butylbenzene  
 Concen: 21.952 ug/l  
 RT: 13.615 min Scan# 1951  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Instrument : MSVOA\_Y  
 ClientSampleId : VY1027SBSD01

Tgt Ion: 91 Resp: 373775

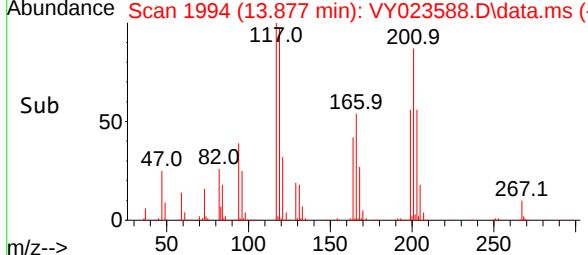
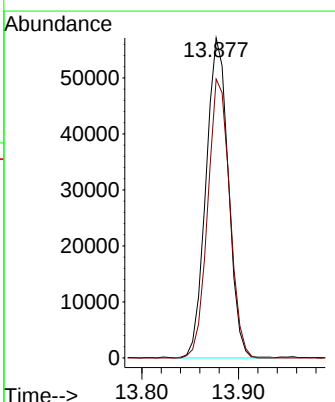
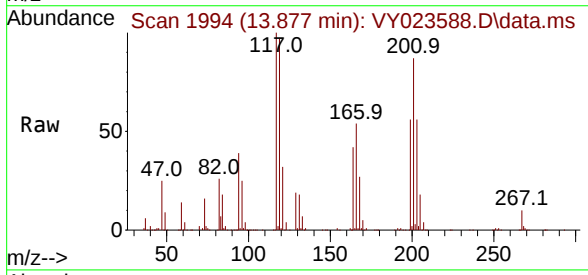
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.0  | 27.0  | 80.8  |
| 134 | 28.3  | 14.1  | 42.2  |

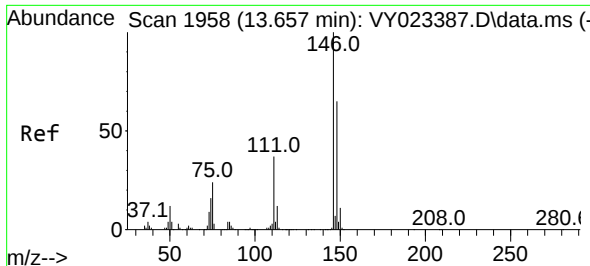


#90  
 Hexachloroethane  
 Concen: 21.816 ug/l  
 RT: 13.877 min Scan# 1994  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Tgt Ion: 117 Resp: 91694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 85.7  | 43.8  | 131.4 |

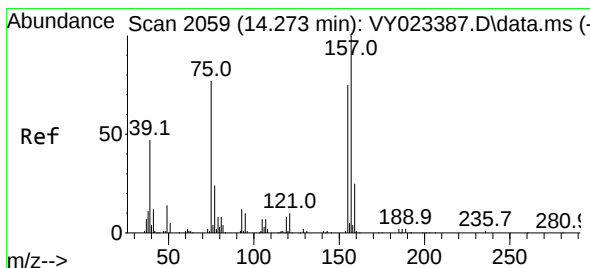
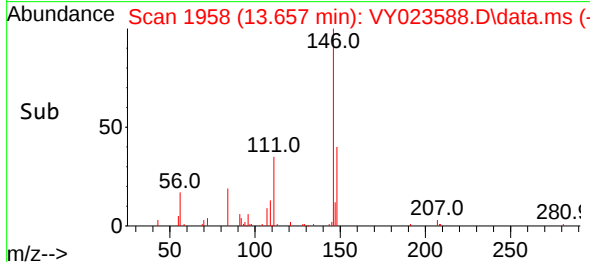
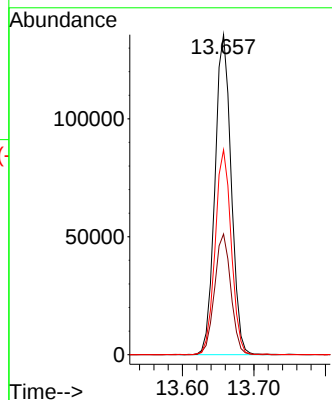
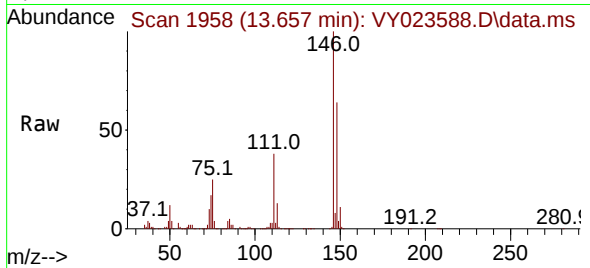




#91  
 1,2-Dichlorobenzene  
 Concen: 21.952 ug/l  
 RT: 13.657 min Scan# 1958  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

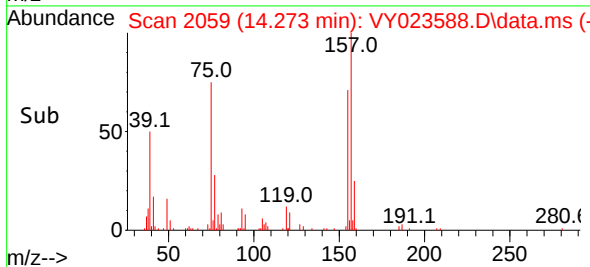
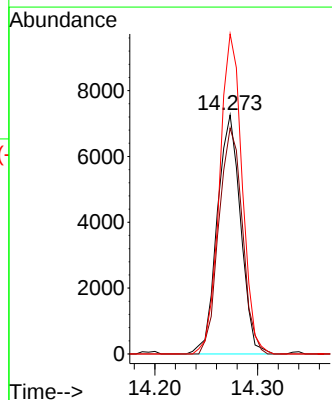
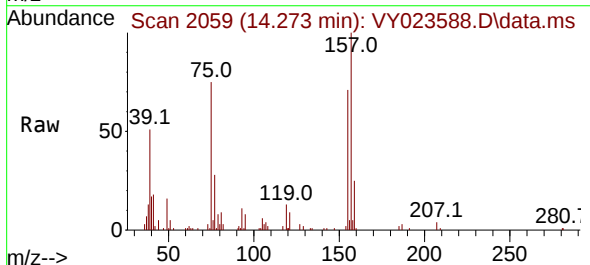
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1027SBSD01

Tgt Ion:146 Resp: 213663  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.0 57.0  
 148 63.4 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.873 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. -0.000 min  
 Lab File: VY023588.D  
 Acq: 27 Oct 2025 10:39

Tgt Ion: 75 Resp: 11437  
 Ion Ratio Lower Upper  
 75 100  
 155 95.1 50.0 150.0  
 157 128.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.422 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBSD01

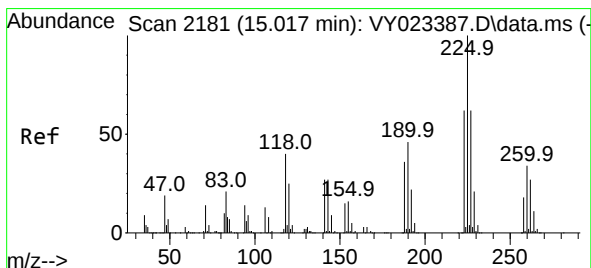
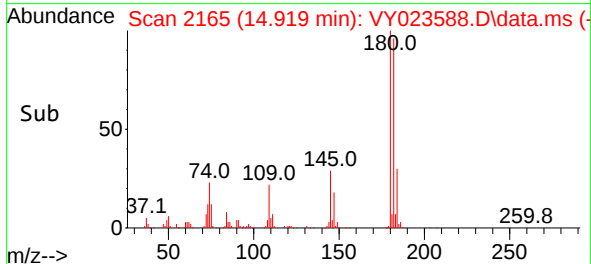
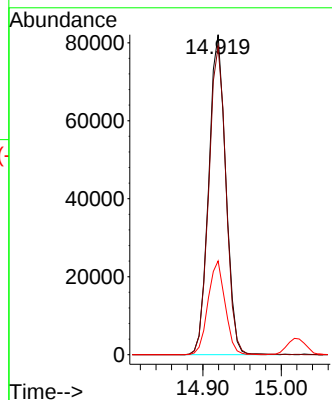
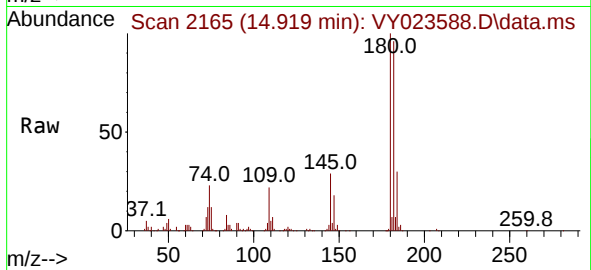
Tgt Ion:180 Resp: 123920

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.6

145 29.3 14.7 44.1



#94

Hexachlorobutadiene

Concen: 22.043 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

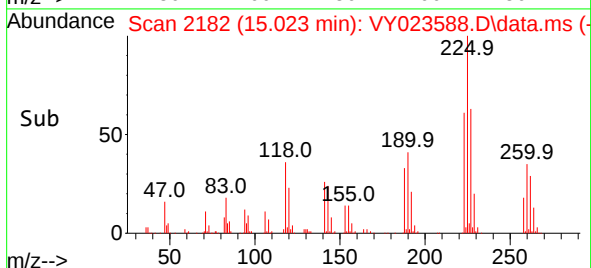
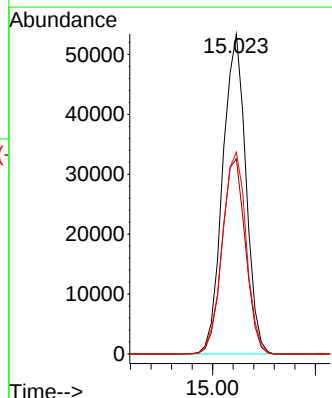
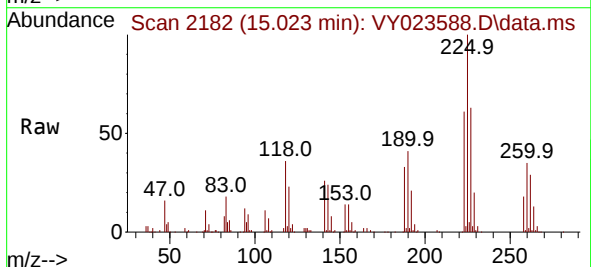
Tgt Ion:225 Resp: 83375

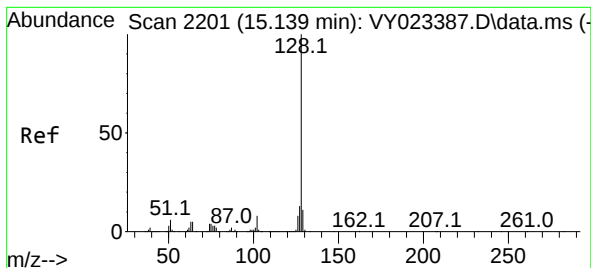
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 65.1 31.9 95.7





#95

Naphthalene

Concen: 18.516 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY1027SBSD01

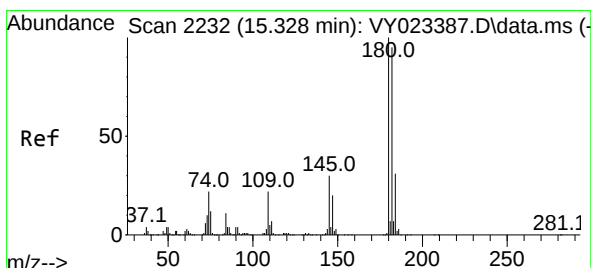
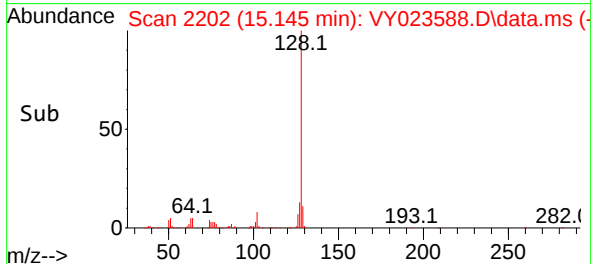
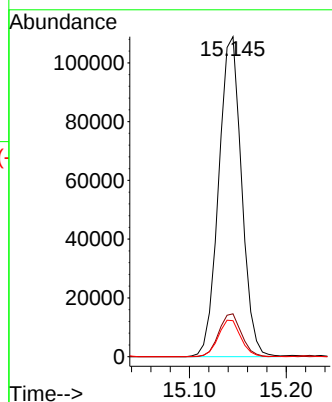
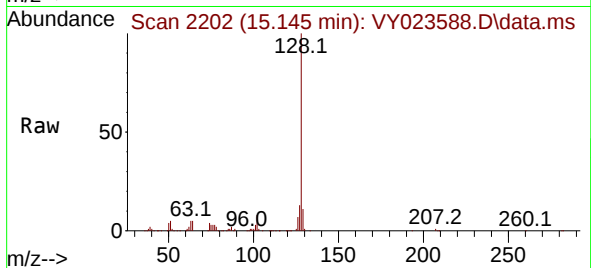
Tgt Ion:128 Resp: 178910

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.203 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023588.D

Acq: 27 Oct 2025 10:39

Tgt Ion:180 Resp: 106184

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.6 15.3 45.9

