

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122018\
 Data File : VD060661.D
 Acq On : 20 Dec 2018 16:33
 Operator : VA/AP
 Sample : VD1220SBS01
 Misc : 5.00µ/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampled :

Quant Time: Dec 21 03:38:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene | 6.41 | 168 | 1463302 | 50.00 | µg/l | 0.00 |
| 34) 1,4-Difluorobenzene | 7.45 | 114 | 2061617 | 50.00 | µg/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.29 | 117 | 1595933 | 50.00 | µg/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152 | 841053 | 50.00 | µg/l | 0.00 |

System Monitoring Compounds

| | | | | | | |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.79 | 65 | 570551 | 56.42 | µg/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 112.84% | |
| 35) Dibromofluoromethane | 6.33 | 113 | 817133 | 54.15 | µg/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 108.30% | |
| 50) Toluene-d8 | 9.45 | 98 | 2393280 | 53.16 | µg/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 106.32% | |
| 62) 4-Bromofluorobenzene | 12.43 | 95 | 842490 | 53.43 | µg/l | 0.00 |
| Spiked Amount | 50.000 | | Recovery | = | 106.86% | |

Target Compounds

| | | | | | | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane | 1.60 | 85 | 383615 | 20.517 | µg/l | 100 |
| 3) Chloromethane | 1.77 | 50 | 379169 | 22.035 | µg/l | 100 |
| 4) Vinyl Chloride | 1.87 | 62 | 297585 | 21.782 | µg/l | 97 |
| 5) Bromomethane | 2.15 | 94 | 40250 | 13.153 | µg/l | 95 |
| 6) Chloroethane | 2.27 | 64 | 82735 | 20.293 | µg/l | 93 |
| 7) Trichlorofluoromethane | 2.52 | 101 | 332279 | 21.867 | µg/l | 97 |
| 8) Diethyl Ether | 2.84 | 74 | 58804 | 23.130 | µg/l | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.10 | 101 | 212165 | 21.525 | µg/l | 96 |
| 10) Methyl Iodide | 3.26 | 142 | 210885 | 20.358 | µg/l | 100 |
| 11) Tert butyl alcohol | 3.97 | 59 | 38849 | 91.924 | µg/l | 99 |
| 12) 1,1-Dichloroethene | 3.09 | 96 | 171307 | 21.152 | µg/l | 92 |
| 13) Acrolein | 2.99 | 56 | 54298 | 126.078 | µg/l | 95 |
| 14) Allyl chloride | 3.55 | 41 | 317088 | 21.337 | µg/l | 99 |
| 15) Acrylonitrile | 4.10 | 53 | 265903 | 108.373 | µg/l | 97 |
| 16) Acetone | 3.18 | 43 | 195024 | 110.433 | µg/l | 99 |
| 17) Carbon Disulfide | 3.32 | 76 | 548083 | 21.190 | µg/l | 100 |
| 18) Methyl Acetate | 3.57 | 43 | 84083 | 19.211 | µg/l | 100 |
| 19) Methyl tert-butyl Ether | 4.13 | 73 | 448070 | 21.806 | µg/l | 99 |
| 20) Methylene Chloride | 3.73 | 84 | 471880 | 25.729 | µg/l | 98 |
| 21) trans-1,2-Dichloroethene | 4.11 | 96 | 349849 | 21.093 | µg/l | 98 |
| 22) Diisopropyl ether | 4.86 | 45 | 1094697 | 21.695 | µg/l | 98 |
| 23) Vinyl Acetate | 4.81 | 43 | 2719304 | 111.394 | µg/l | 99 |
| 24) 1,1-Dichloroethane | 4.76 | 63 | 569505 | 21.458 | µg/l | 99 |
| 25) 2-Butanone | 5.63 | 43 | 365066 | 108.028 | µg/l | 97 |
| 26) 2,2-Dichloropropane | 5.59 | 77 | 463828 | 22.140 | µg/l | 96 |
| 27) cis-1,2-Dichloroethene | 5.60 | 96 | 365323 | 21.697 | µg/l | 95 |
| 28) Bromochloromethane | 5.93 | 49 | 213128 | 19.009 | µg/l | 97 |
| 29) Tetrahydrofuran | 5.96 | 42 | 206655 | 107.871 | µg/l | 98 |
| 30) Chloroform | 6.11 | 83 | 575320 | 21.543 | µg/l | 99 |
| 31) Cyclohexane | 6.37 | 56 | 538043 | 21.066 | µg/l | 98 |
| 32) 1,1,1-Trichloroethane | 6.30 | 97 | 473527 | 21.432 | µg/l | 98 |
| 36) 1,1-Dichloropropene | 6.52 | 75 | 438355 | 20.649 | µg/l | 98 |
| 37) Ethyl Acetate | 5.71 | 43 | 196162 | 22.094 | µg/l | 98 |
| 38) Carbon Tetrachloride | 6.50 | 117 | 401023 | 21.412 | µg/l | 97 |

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane | 8.04 | 83 | 507051 | 20.942 | µg/l | 98 |
| 40) Benzene | 6.80 | 78 | 1151276 | 20.995 | µg/l | 100 |
| 41) Methacrylonitrile | 5.95 | 41 | 220166 | 44.831 | µg/l # | 73 |
| 42) 1,2-Dichloroethane | 6.90 | 62 | 290598 | 21.355 | µg/l | 99 |
| 43) Isopropyl Acetate | 8.35 | 43 | 231271 | 20.298 | µg/l | 100 |
| 44) Trichloroethene | 7.74 | 130 | 345496 | 21.287 | µg/l | 98 |
| 45) 1,2-Dichloropropane | 8.11 | 63 | 272603 | 20.271 | µg/l | 97 |
| 46) Dibromomethane | 8.21 | 93 | 160100 | 20.859 | µg/l | 96 |
| 47) Bromodichloromethane | 8.49 | 83 | 372336 | 20.482 | µg/l | 98 |
| 48) Methyl methacrylate | 8.24 | 41 | 146756 | 21.207 | µg/l | 96 |
| 49) 1,4-Dioxane | 8.23 | 88 | 25465 | 395.774 | µg/l # | 80 |
| 51) 4-Methyl-2-Pentanone | 9.35 | 43 | 741750 | 106.259 | µg/l | 99 |
| 52) Toluene | 9.55 | 92 | 718672 | 20.906 | µg/l | 99 |
| 53) t-1,3-Dichloropropene | 9.92 | 75 | 316097 | 20.842 | µg/l | 97 |
| 54) cis-1,3-Dichloropropene | 9.10 | 75 | 411754 | 20.742 | µg/l | 97 |
| 55) 1,1,2-Trichloroethane | 10.18 | 97 | 194341 | 21.012 | µg/l | 97 |
| 56) Ethyl methacrylate | 10.03 | 69 | 175701 | 20.452 | µg/l | 95 |
| 57) 1,3-Dichloropropane | 10.38 | 76 | 303251 | 20.685 | µg/l | 96 |
| 58) 2-Chloroethyl Vinyl ether | 8.92 | 63 | 517676 | 102.267 | µg/l | 97 |
| 59) 2-Hexanone | 10.49 | 43 | 518338 | 106.083 | µg/l | 99 |
| 60) Dibromochloromethane | 10.64 | 129 | 242017 | 20.542 | µg/l | 95 |
| 61) 1,2-Dibromoethane | 10.75 | 107 | 201925 | 21.048 | µg/l | 97 |
| 64) Tetrachloroethene | 10.25 | 164 | 322152 | 22.271 | µg/l | 98 |
| 65) Chlorobenzene | 11.31 | 112 | 780277 | 22.129 | µg/l | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.41 | 131 | 254496 | 22.448 | µg/l | 98 |
| 67) Ethyl Benzene | 11.42 | 91 | 1362270 | 22.559 | µg/l | 97 |
| 68) m/p-Xylenes | 11.56 | 106 | 1009362 | 45.738 | µg/l | 93 |
| 69) o-Xylene | 11.93 | 106 | 459575 | 21.950 | µg/l | 89 |
| 70) Styrene | 11.95 | 104 | 763114 | 22.631 | µg/l | 98 |
| 71) Bromoform | 12.11 | 173 | 157123 | 20.996 | µg/l | 98 |
| 73) Isopropylbenzene | 12.28 | 105 | 1301167 | 21.729 | µg/l | 100 |
| 74) N-amyl acetate | 12.13 | 43 | 295486 | 20.908 | µg/l | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 12.56 | 83 | 204092 | 21.027 | µg/l | 100 |
| 76) 1,2,3-Trichloropropane | 12.59 | 75 | 207082 | 21.627 | µg/l | 100 |
| 77) Bromobenzene | 12.54 | 156 | 336077 | 21.258 | µg/l | 91 |
| 78) n-propylbenzene | 12.63 | 91 | 1670809 | 21.825 | µg/l | 96 |
| 79) 2-Chlorotoluene | 12.70 | 91 | 907813 | 22.140 | µg/l | 96 |
| 80) 1,3,5-Trimethylbenzene | 12.79 | 105 | 1052883 | 22.770 | µg/l | 96 |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75 | 56711 | 21.434 | µg/l | 92 |
| 82) 4-Chlorotoluene | 12.81 | 91 | 1036032 | 22.292 | µg/l | 94 |
| 83) tert-Butylbenzene | 13.05 | 119 | 1174660 | 22.322 | µg/l | 94 |
| 84) 1,2,4-Trimethylbenzene | 13.10 | 105 | 1071532 | 22.500 | µg/l | 98 |
| 85) sec-Butylbenzene | 13.22 | 105 | 1421096 | 22.143 | µg/l | 96 |
| 86) p-Isopropyltoluene | 13.34 | 119 | 1172947 | 22.642 | µg/l | 98 |
| 87) 1,3-Dichlorobenzene | 13.31 | 146 | 639263 | 22.027 | µg/l | 98 |
| 88) 1,4-Dichlorobenzene | 13.39 | 146 | 622848 | 21.779 | µg/l | 97 |
| 89) n-Butylbenzene | 13.65 | 91 | 1244443 | 23.507 | µg/l | 99 |
| 90) Hexachloroethane | 13.85 | 117 | 285582 | 22.440 | µg/l | 78 |
| 91) 1,2-Dichlorobenzene | 13.66 | 146 | 534098 | 22.942 | µg/l | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.23 | 75 | 23396 | 20.518 | µg/l | 70 |

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration

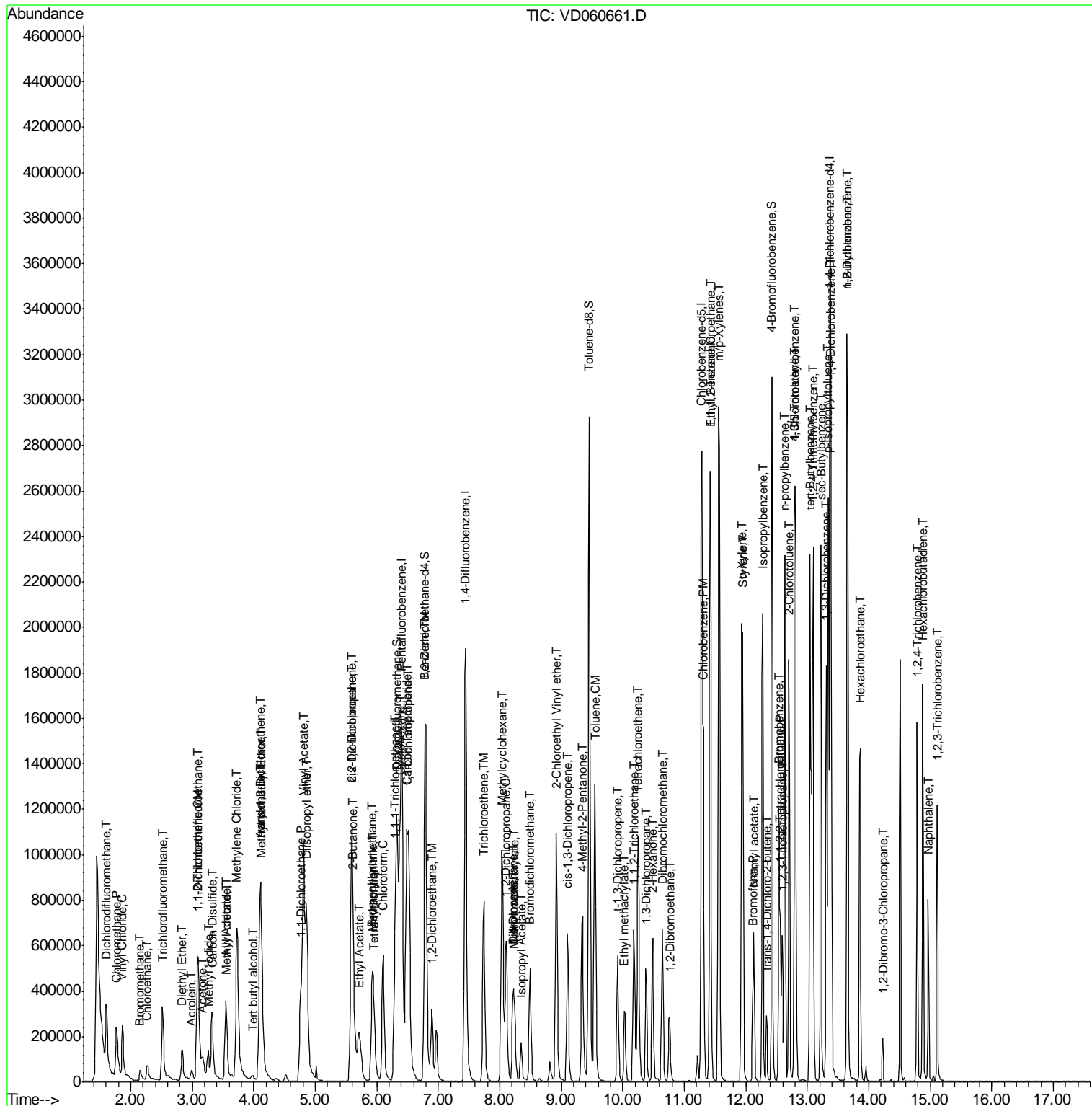
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180 | 412379 | 22.261 | µg/l | 96 |
| 94) Hexachlorobutadiene | 14.88 | 225 | 307343 | 22.446 | µg/l | 98 |
| 95) Naphthalene | 14.97 | 128 | 457383 | 20.774 | µg/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180 | 312216 | 21.560 | µg/l | 97 |

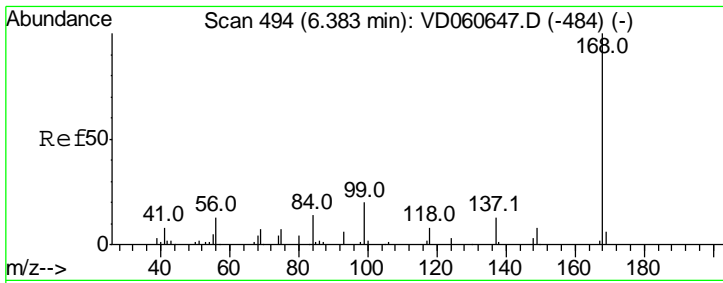
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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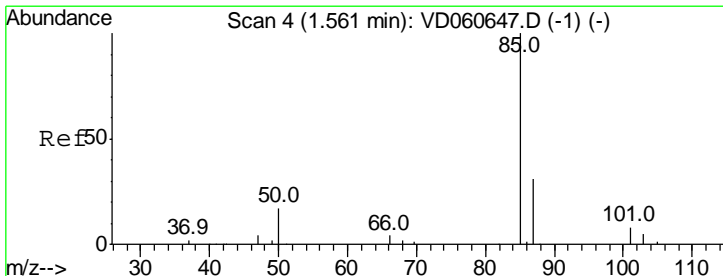
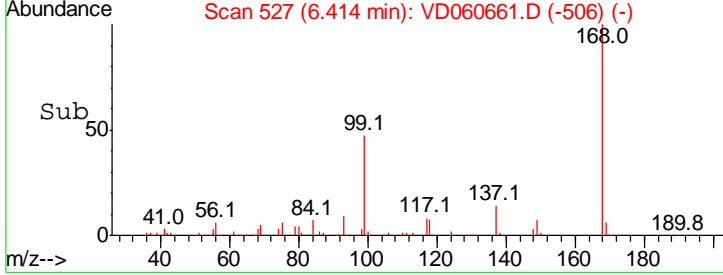
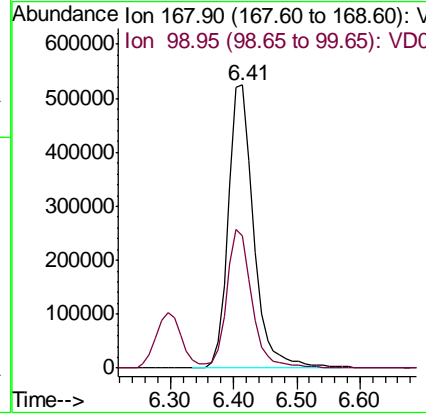
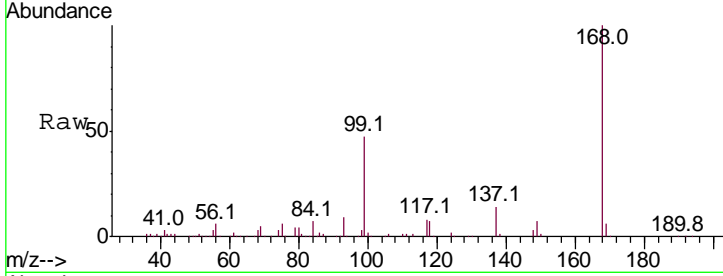


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.41 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument : MSVOA_D
 ClientSampled :

Tgt Ion: 168 Resp: 1463302

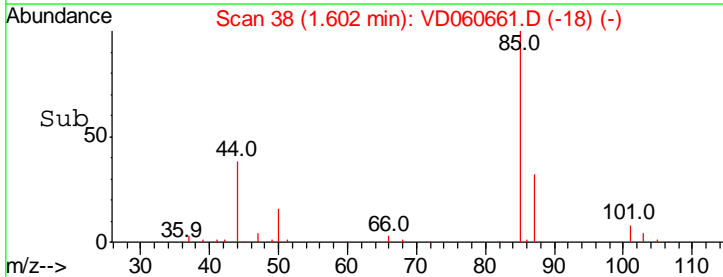
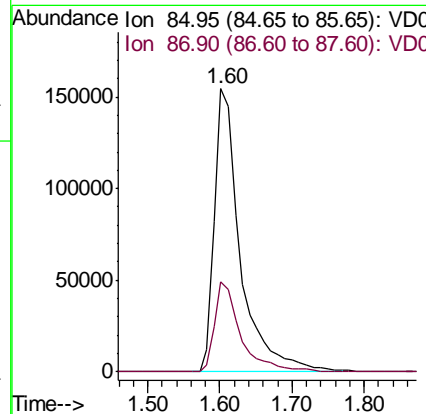
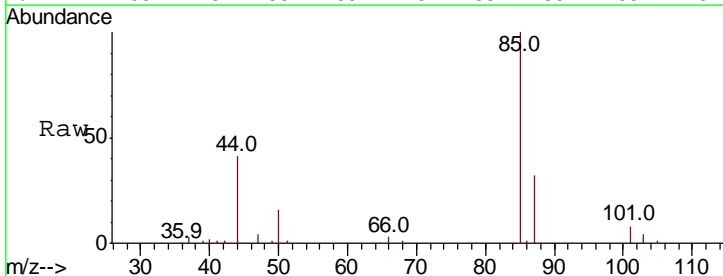
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100 | | |
| 99 | 46.6 | 38.7 | 58.1 |

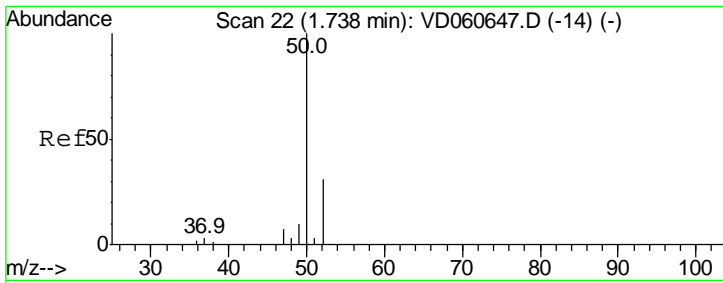


#2
 Dichlorodifluoromethane
 Concen: 20.517 ug/l
 RT: 1.60 min Scan# 38
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 85 Resp: 383615

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85 | 100 | | |
| 87 | 32.0 | 16.0 | 47.9 |

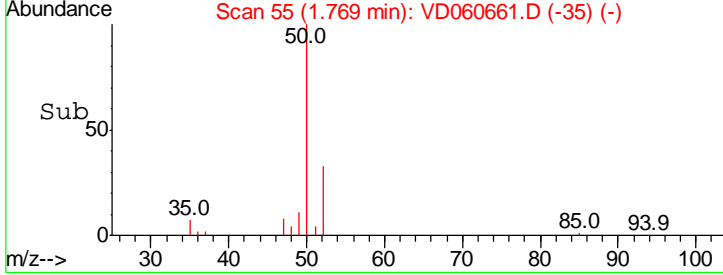
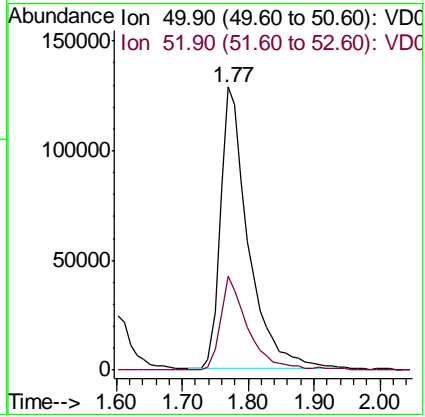
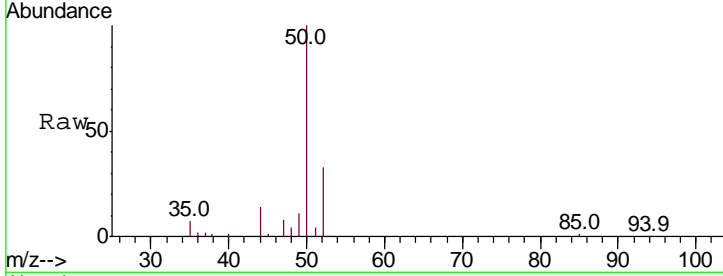




#3
 Chloromethane
 Concen: 22.035 ug/l
 RT: 1.77 min Scan# 55
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

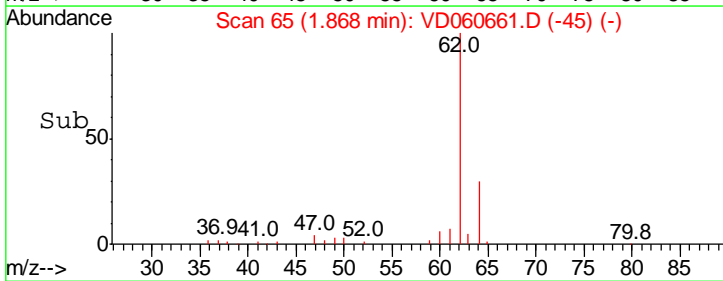
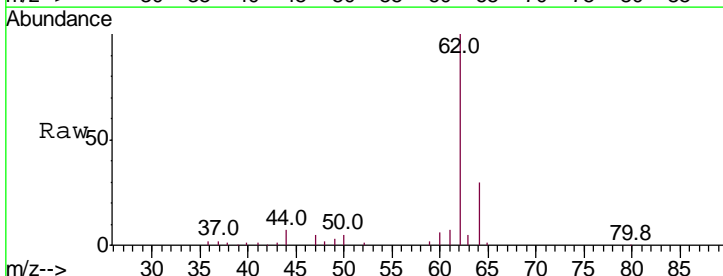
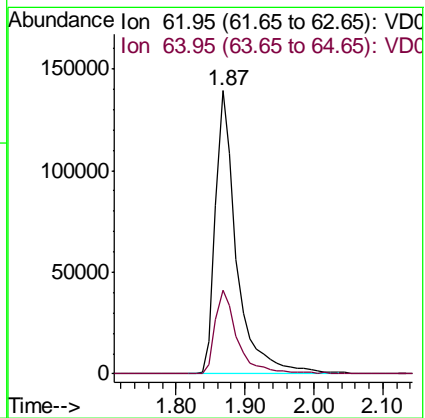
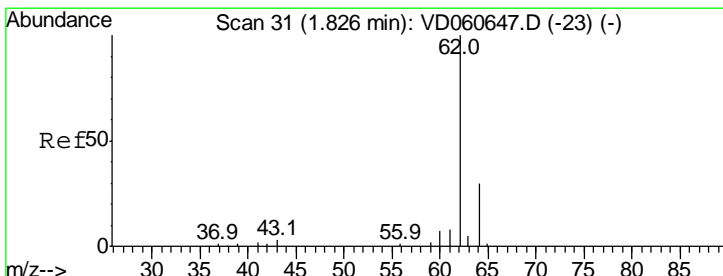
Instrument :
 MSVOA_D
 ClientSampled :

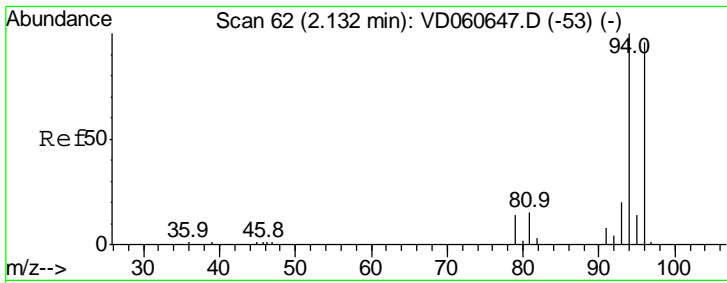
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 50 | 100 | | |
| 52 | 33.1 | 26.6 | 39.8 |



#4
 Vinyl Chloride
 Concen: 21.782 ug/l
 RT: 1.87 min Scan# 65
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62 | 100 | | |
| 64 | 29.6 | 25.0 | 37.6 |

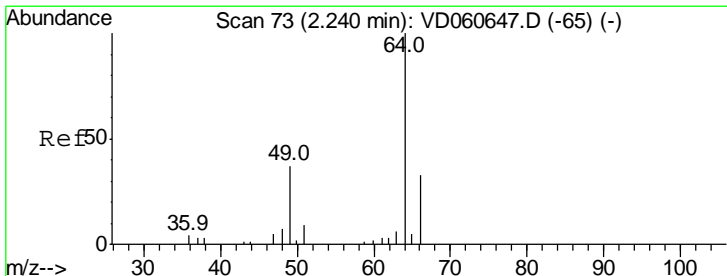
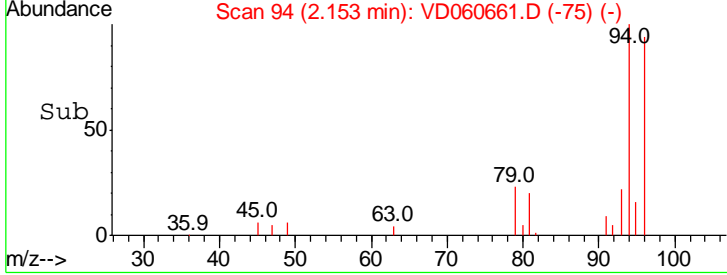
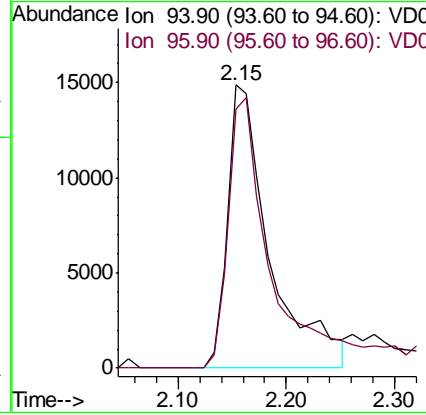
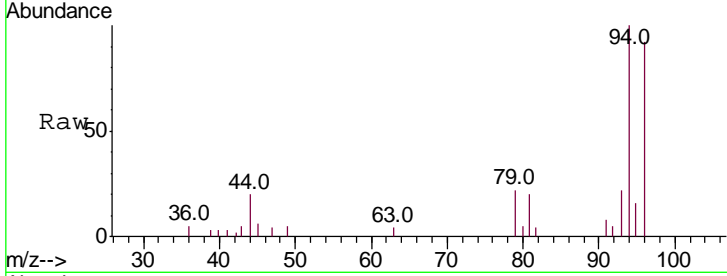




#5
 Bromomethane
 Concen: 13.153 ug/l
 RT: 2.15 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

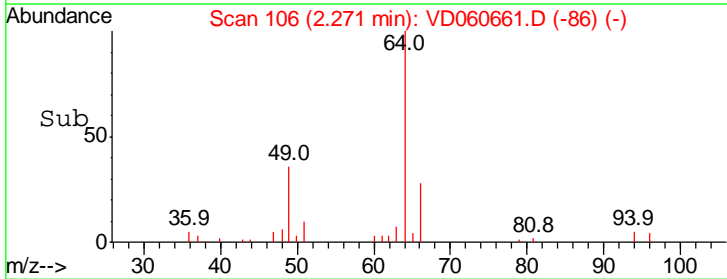
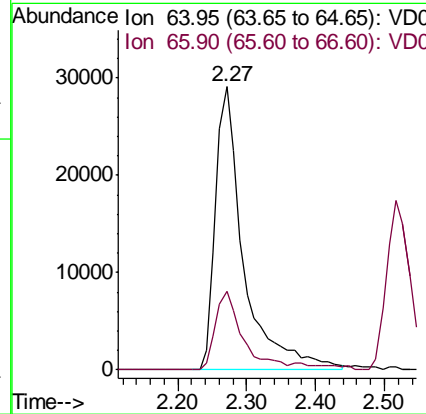
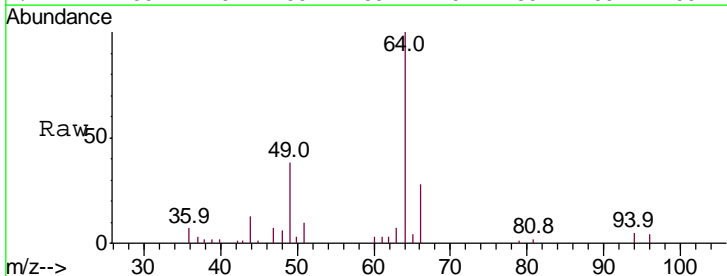
Instrument :
 MSVOA_D
 ClientSampled :

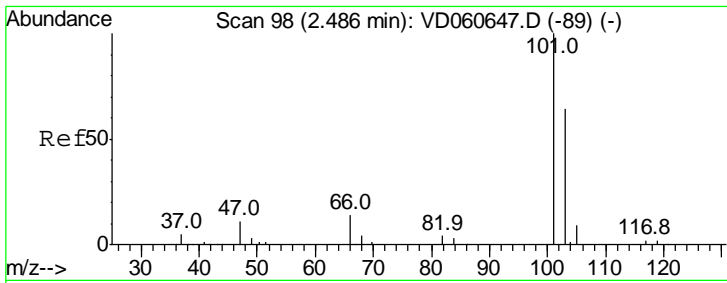
Tgt Ion: 94 Resp: 40250
 Ion Ratio Lower Upper
 94 100
 96 91.6 77.2 115.8



#6
 Chloroethane
 Concen: 20.293 ug/l
 RT: 2.27 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 64 Resp: 82735
 Ion Ratio Lower Upper
 64 100
 66 27.9 25.6 38.4

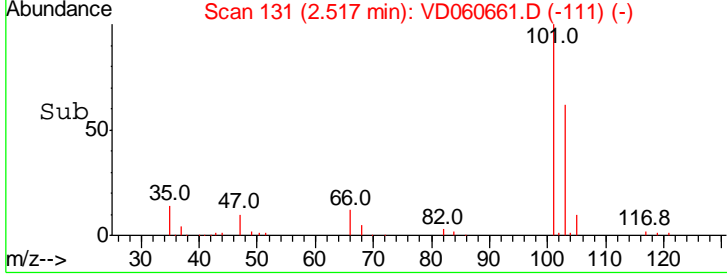
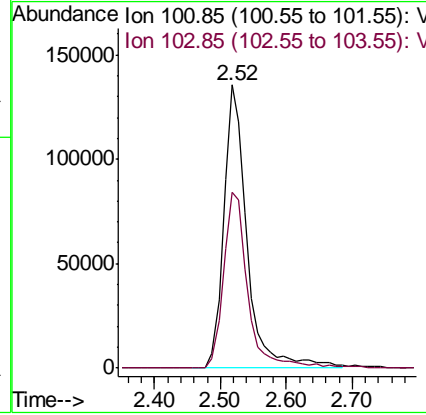
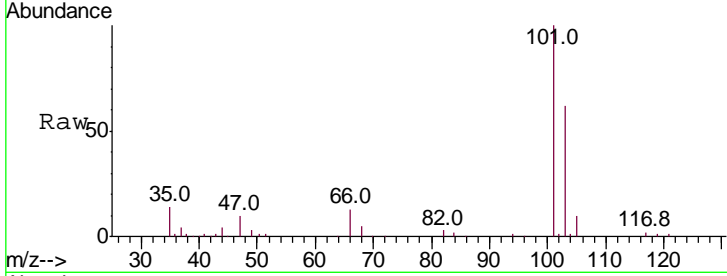




#7
 Trichlorofluoromethane
 Concen: 21.867 ug/l
 RT: 2.52 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

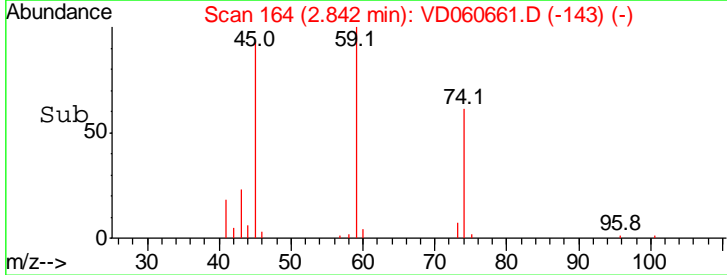
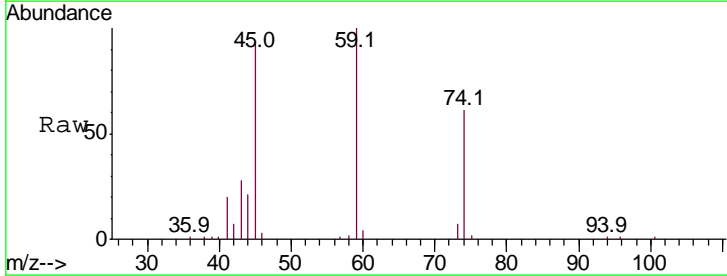
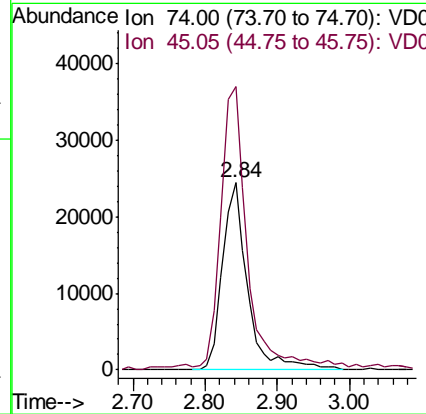
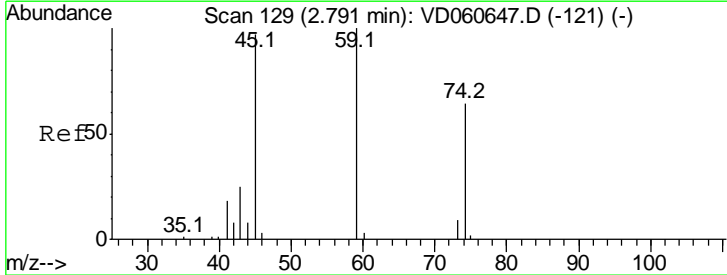
Instrument : MSVOA_D
 ClientSampled :

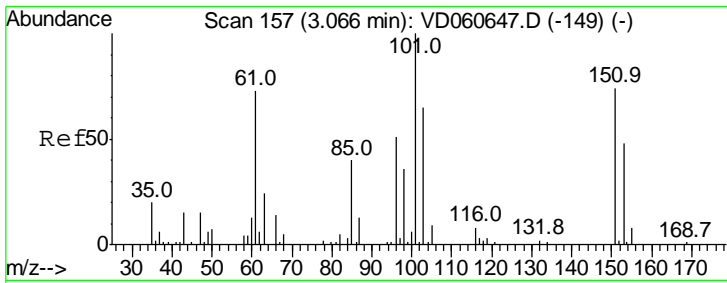
Tgt Ion: 101 Resp: 332279
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 23.130 ug/l
 RT: 2.84 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 74 Resp: 58804
 Ion Ratio Lower Upper
 74 100
 45 151.5 79.3 238.1

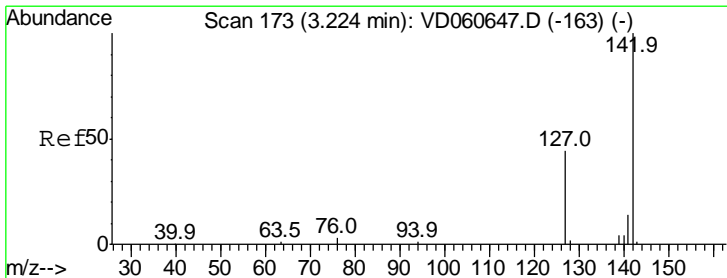
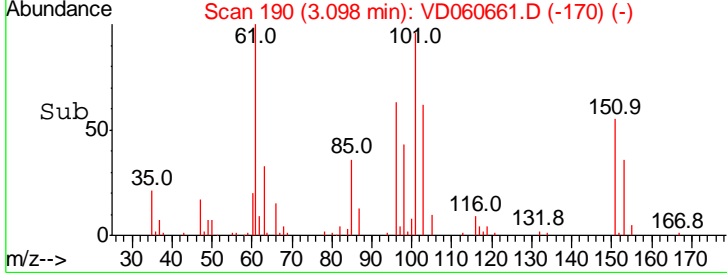
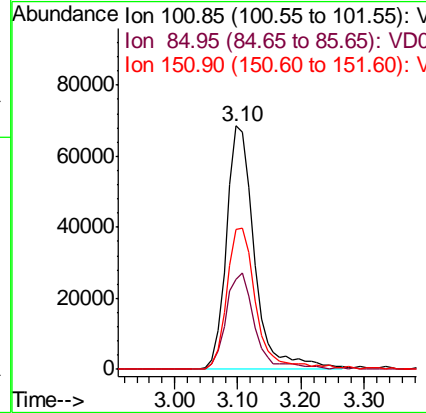
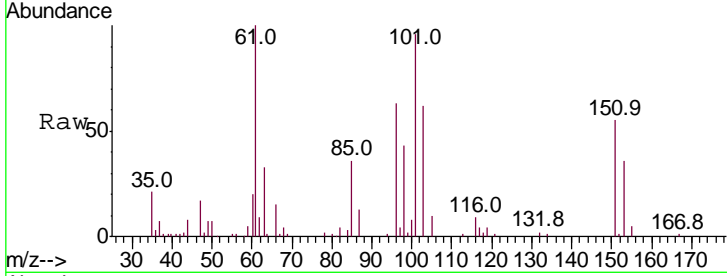




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.525 ug/l
 RT: 3.10 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

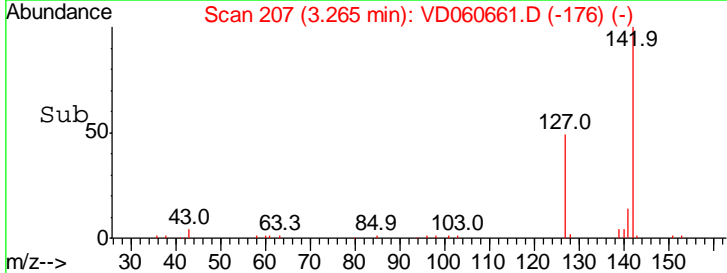
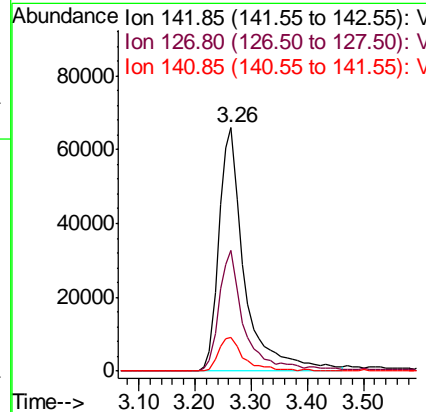
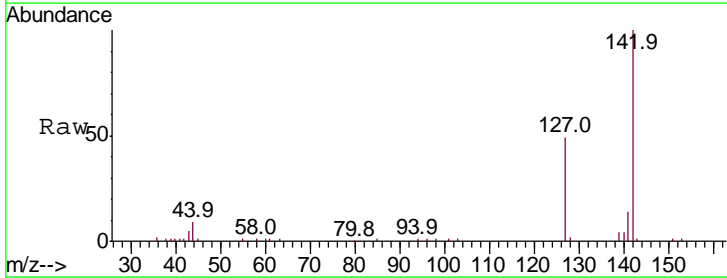
Instrument :
 MSVOA_D
 ClientSampled :

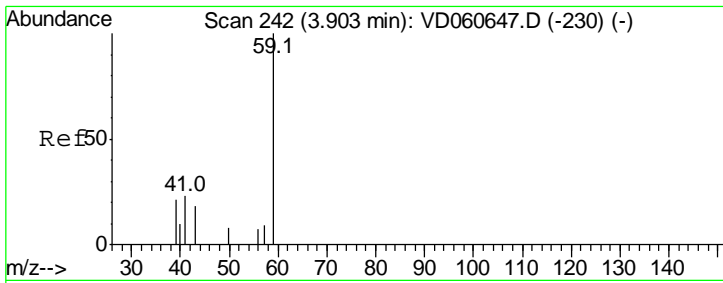
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 101 | 100 | | |
| 85 | 37.2 | 33.4 | 50.0 |
| 151 | 57.6 | 47.5 | 71.3 |



#10
 Methyl Iodide
 Concen: 20.358 ug/l
 RT: 3.26 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 142 | 100 | | |
| 127 | 49.4 | 39.5 | 59.3 |
| 141 | 14.1 | 11.3 | 16.9 |

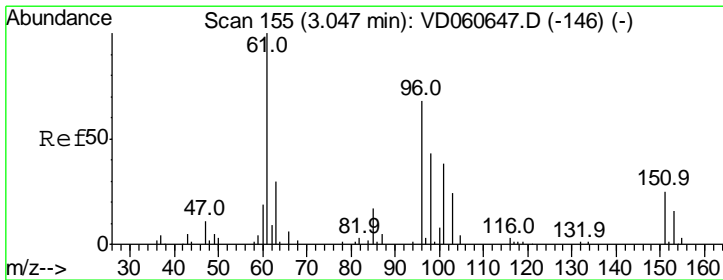
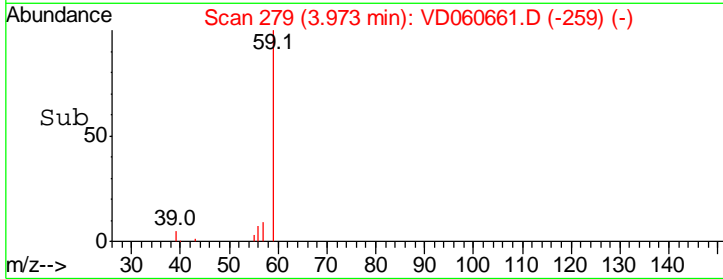
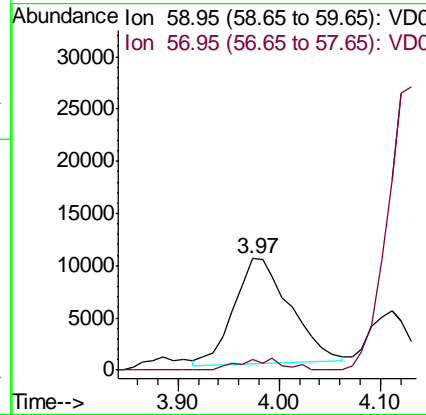
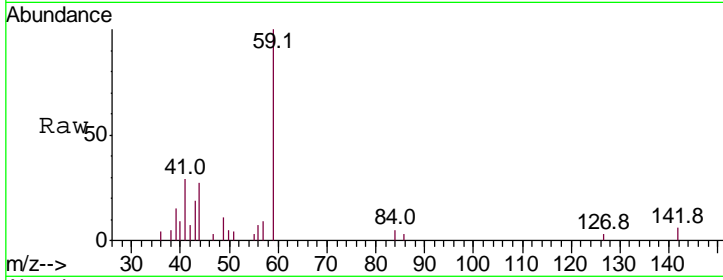




#11
 Tert butyl alcohol
 Concen: 91.924 ug/l
 RT: 3.97 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

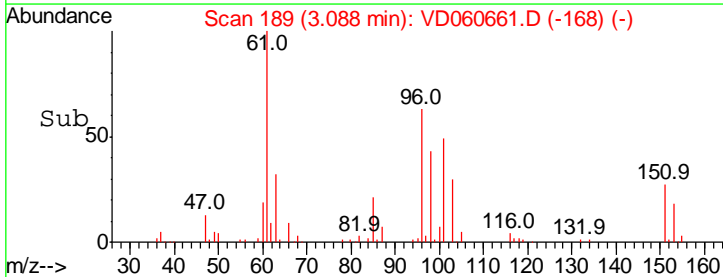
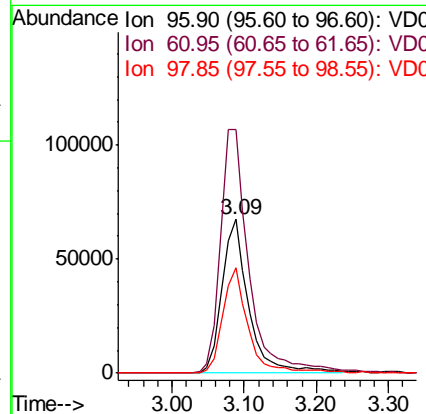
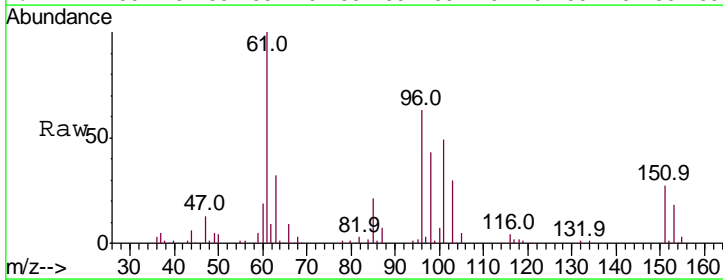
Instrument :
 MSVOA_D
 ClientSampled :

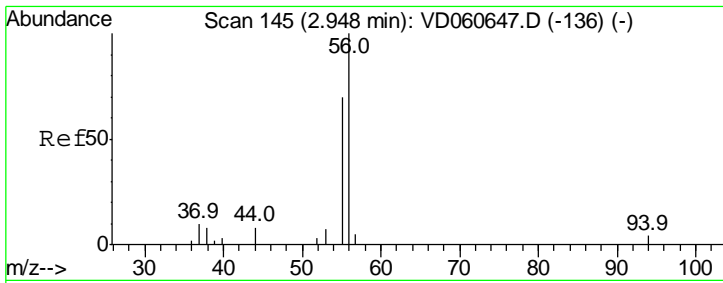
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 59 | 100 | | |
| 57 | 9.4 | 7.8 | 11.6 |



#12
 1,1-Dichloroethene
 Concen: 21.152 ug/l
 RT: 3.09 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 96 | 100 | | |
| 61 | 158.1 | 136.2 | 204.4 |
| 98 | 68.1 | 50.7 | 76.1 |

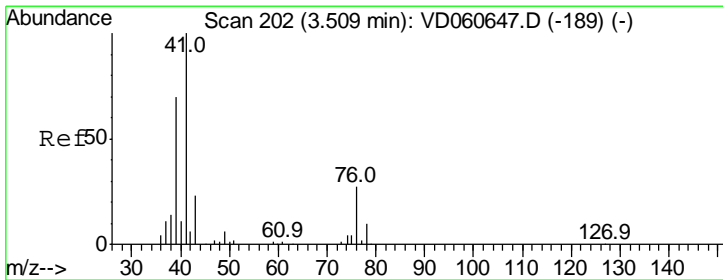
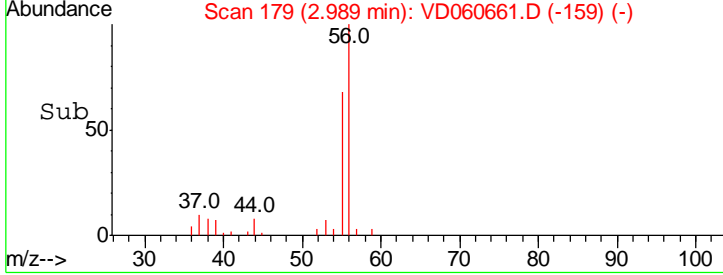
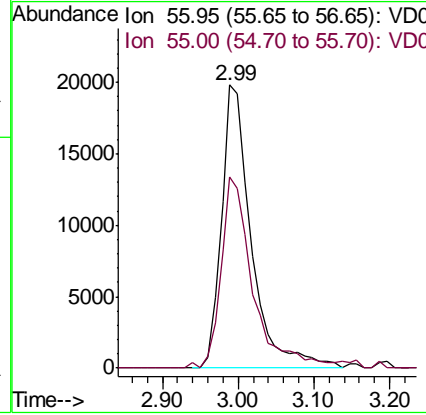
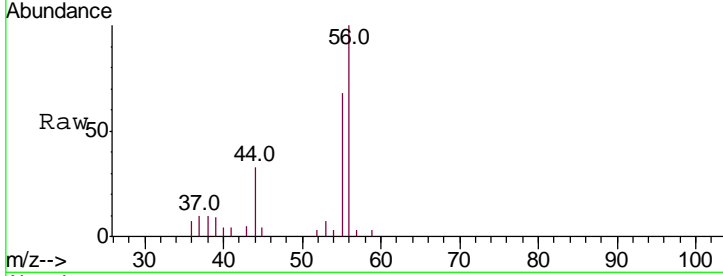




#13
 Acrolein
 Concen: 126.078 ug/l
 RT: 2.99 min Scan# 179
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

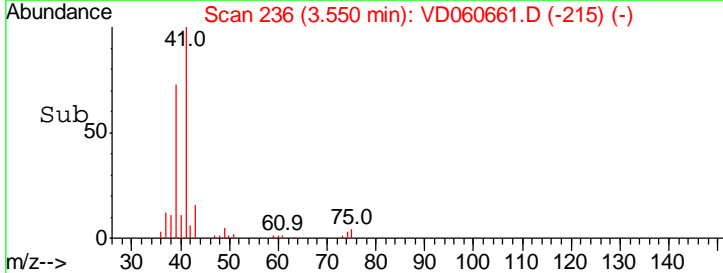
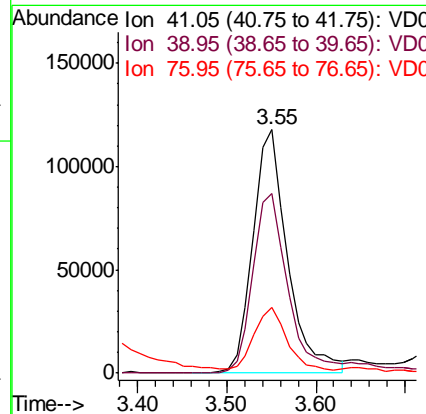
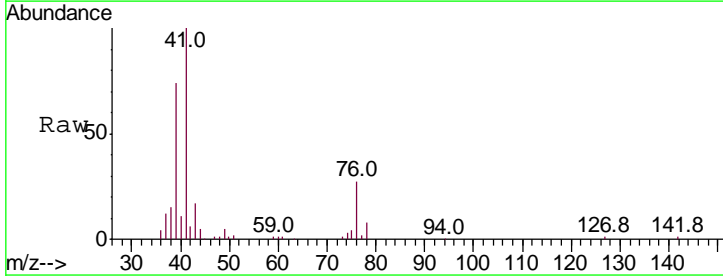
Instrument :
 MSVOA_D
 ClientSampled :

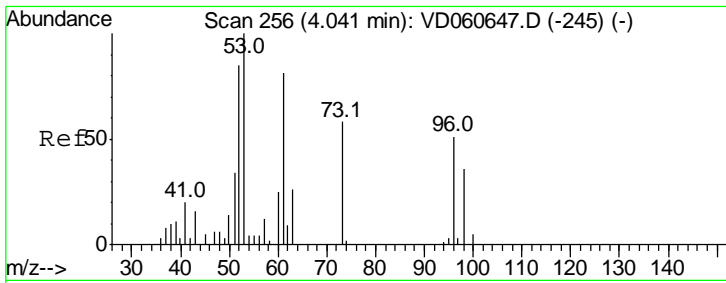
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 56 | 100 | | |
| 55 | 67.5 | 57.7 | 86.5 |



#14
 Allyl chloride
 Concen: 21.337 ug/l
 RT: 3.55 min Scan# 236
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41 | 100 | | |
| 39 | 73.6 | 59.6 | 89.4 |
| 76 | 27.0 | 21.8 | 32.6 |

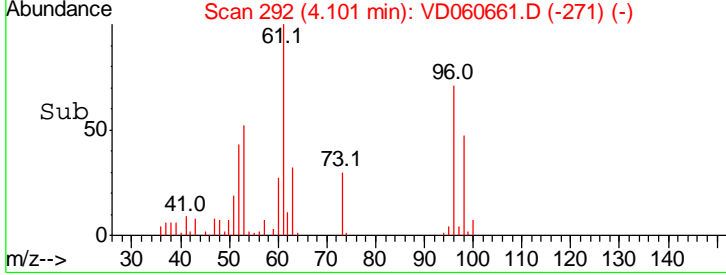
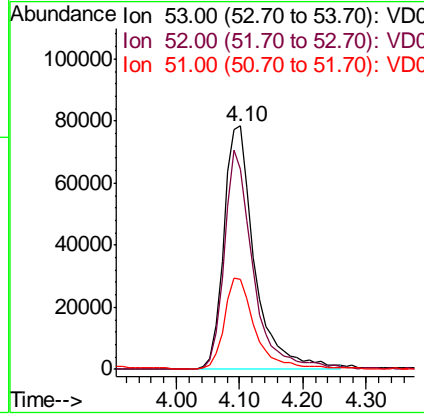
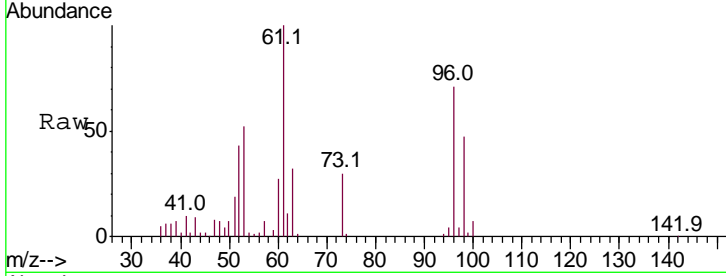




#15
 Acrylonitrile
 Concen: 108.373 ug/l
 RT: 4.10 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

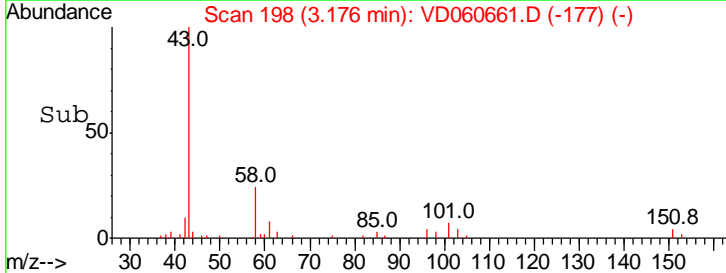
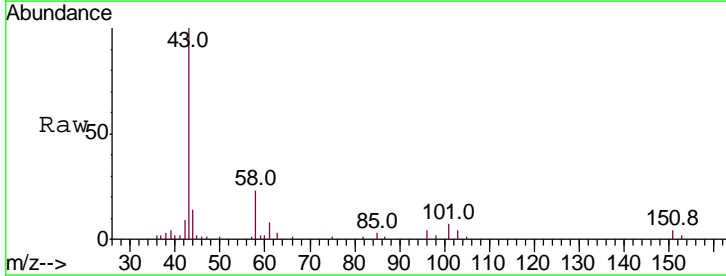
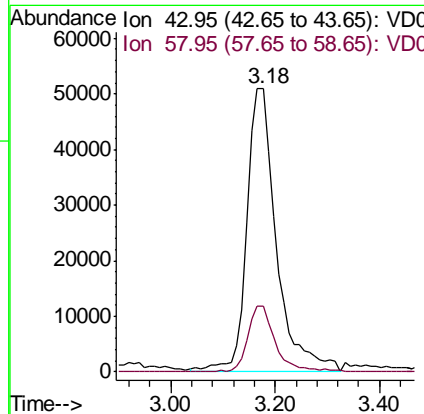
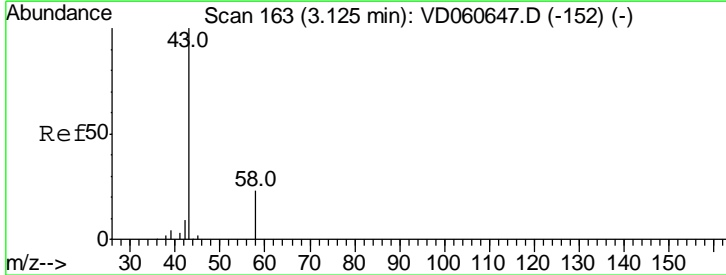
Instrument :
 MSVOA_D
 ClientSampled :

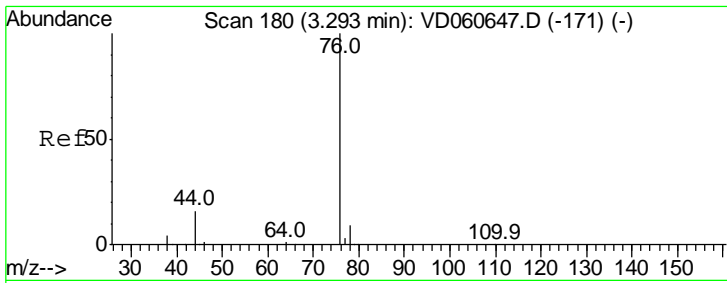
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 53 | 100 | | |
| 52 | 82.0 | 66.7 | 100.1 |
| 51 | 37.1 | 32.7 | 49.1 |



#16
 Acetone
 Concen: 110.433 ug/l
 RT: 3.18 min Scan# 198
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 58 | 23.3 | 18.2 | 27.2 |

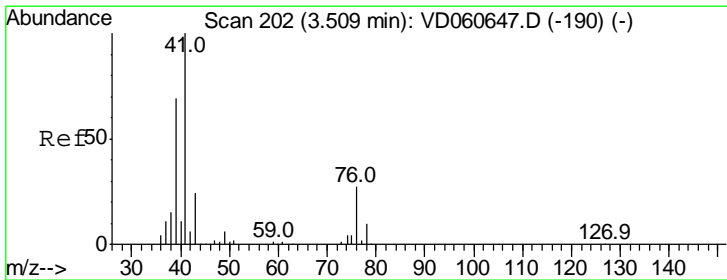
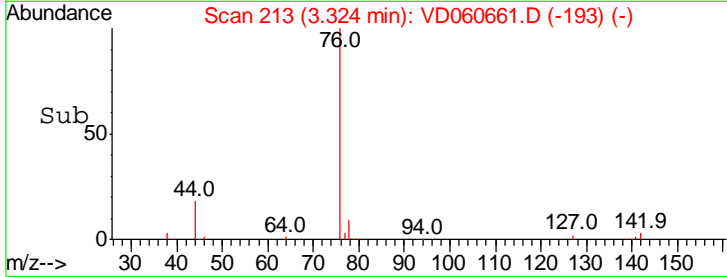
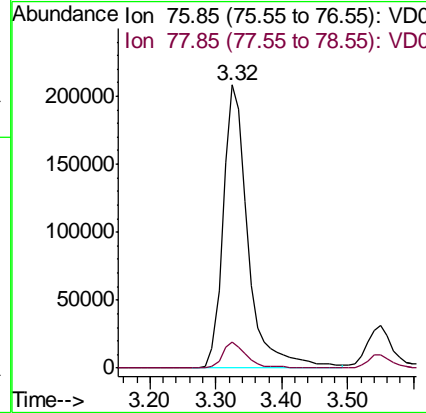
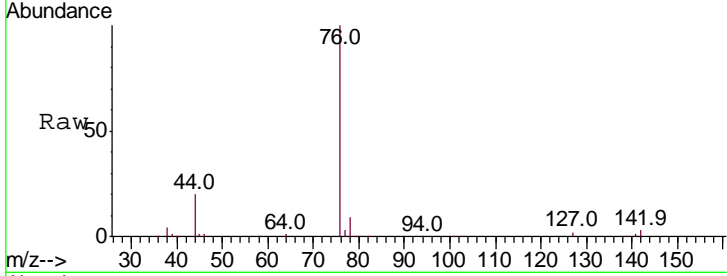




#17
 Carbon Disulfide
 Concen: 21.190 ug/l
 RT: 3.32 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

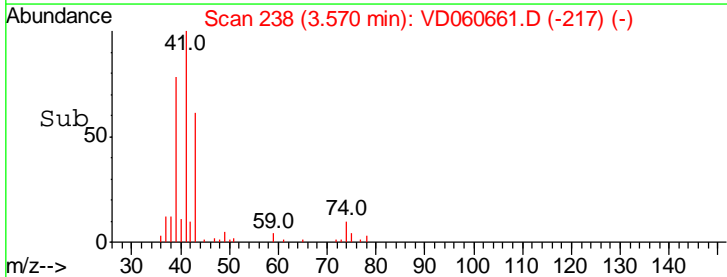
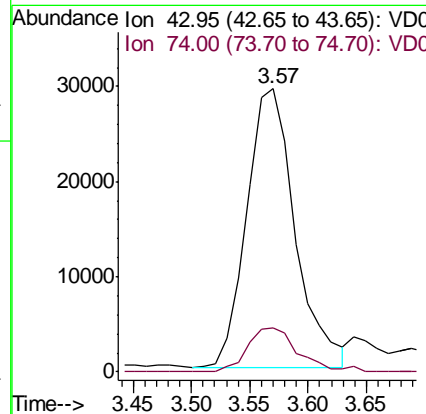
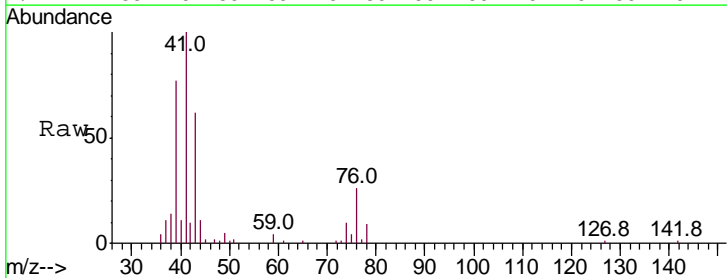
Instrument :
 MSVOA_D
 ClientSampled :

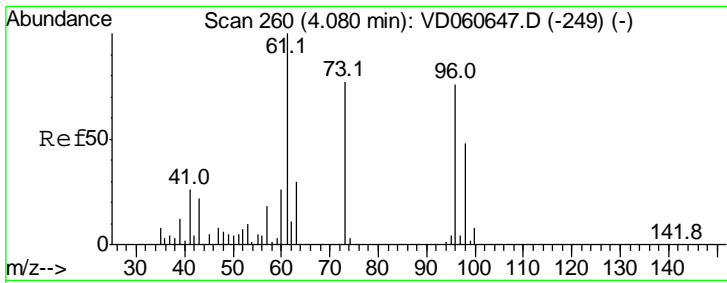
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 76 | 100 | | |
| 78 | 9.2 | 7.4 | 11.0 |



#18
 Methyl Acetate
 Concen: 19.211 ug/l
 RT: 3.57 min Scan# 238
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 74 | 15.4 | 12.4 | 18.6 |

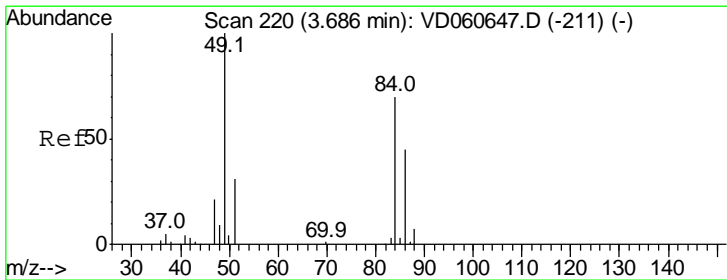
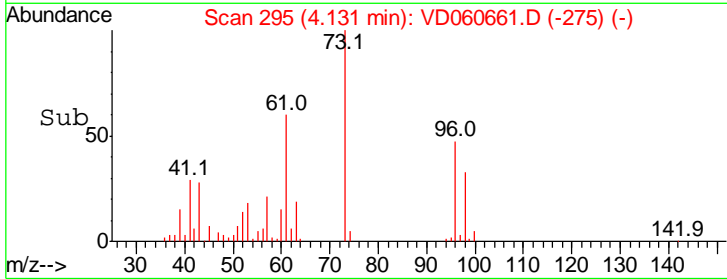
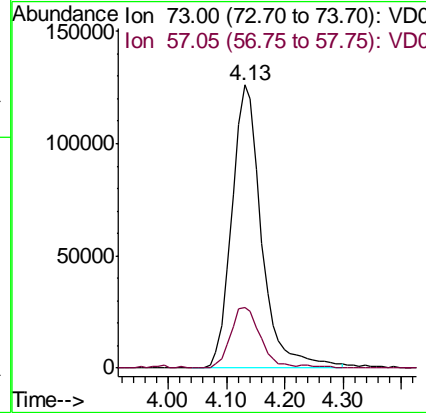
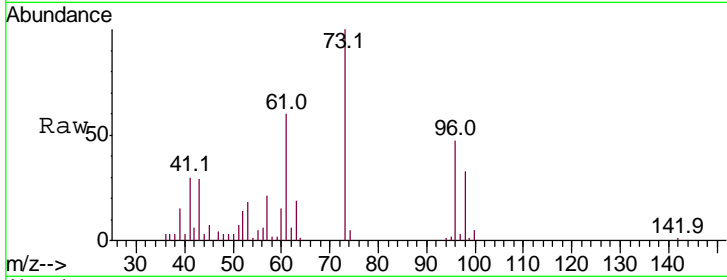




#19
 Methyl tert-butyl Ether
 Concen: 21.806 ug/l
 RT: 4.13 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

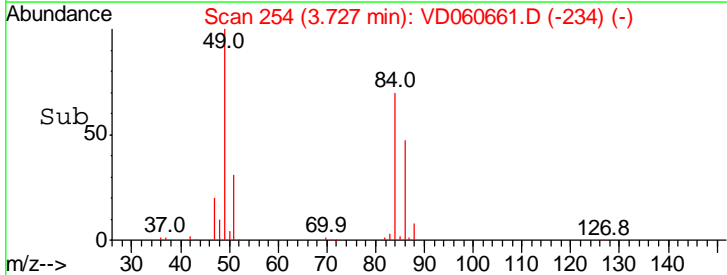
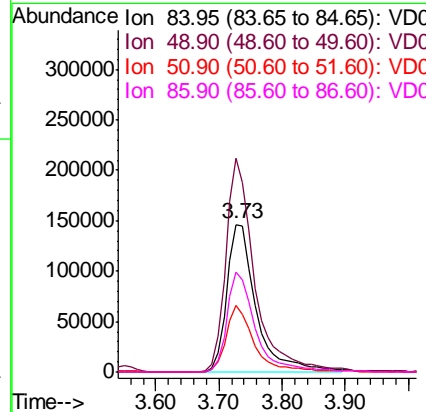
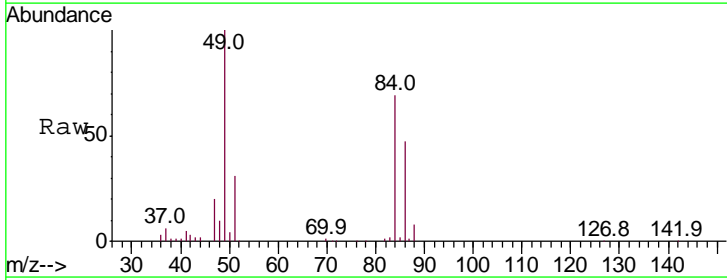
Instrument :
 MSVOA_D
 ClientSampled :

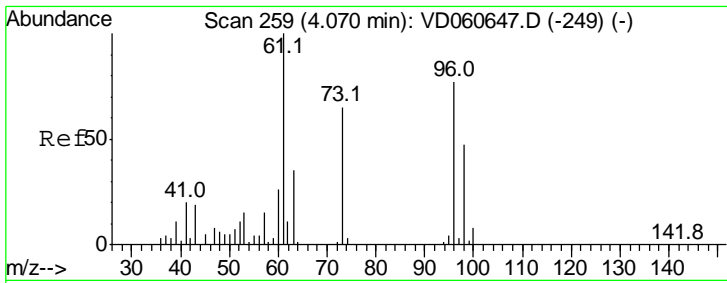
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 73 | 100 | | |
| 57 | 21.5 | 17.6 | 26.4 |



#20
 Methylene Chloride
 Concen: 25.729 ug/l
 RT: 3.73 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 84 | 100 | | |
| 49 | 144.9 | 113.6 | 170.4 |
| 51 | 45.1 | 34.7 | 52.1 |
| 86 | 67.4 | 52.8 | 79.2 |

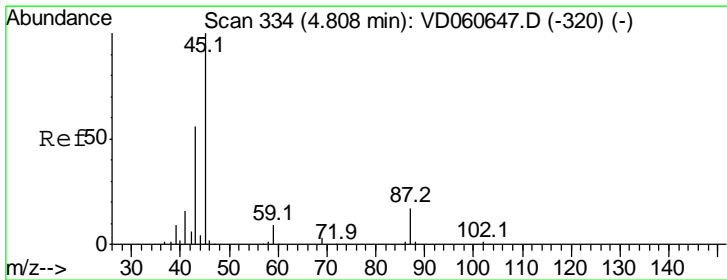
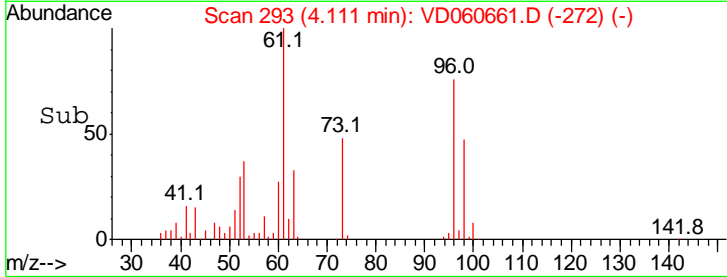
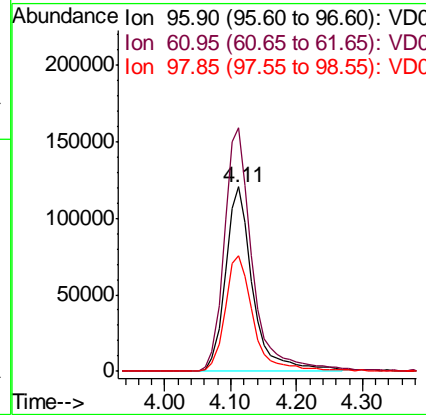
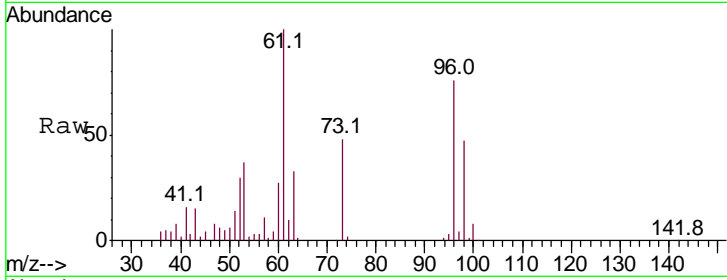




#21
 trans-1,2-Dichloroethene
 Concen: 21.093 ug/l
 RT: 4.11 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

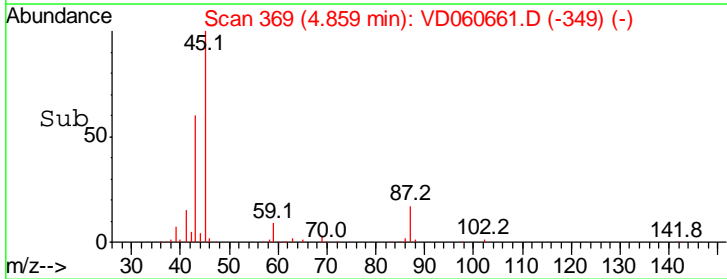
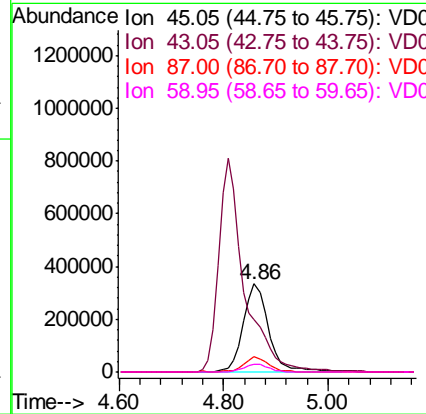
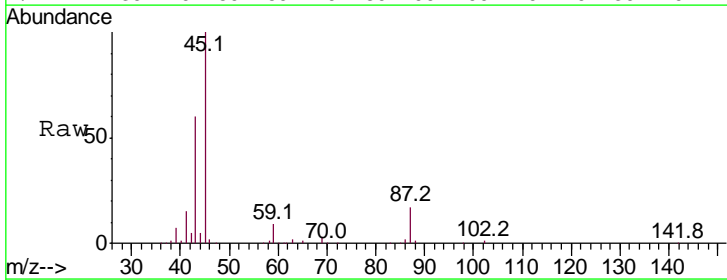
Instrument :
 MSVOA_D
 ClientSampled :

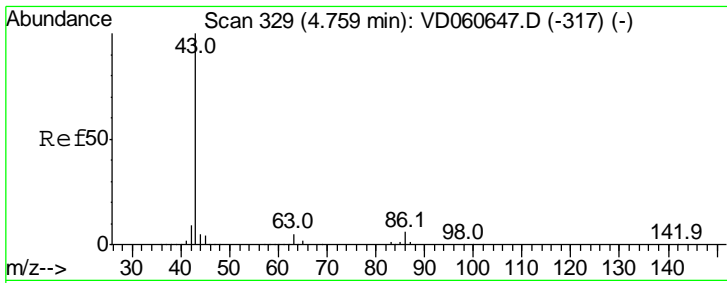
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 96 | 100 | | |
| 61 | 132.2 | 104.2 | 156.2 |
| 98 | 62.8 | 51.2 | 76.8 |



#22
 Diisopropyl ether
 Concen: 21.695 ug/l
 RT: 4.86 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 45 | 100 | | |
| 43 | 59.9 | 46.1 | 69.1 |
| 87 | 16.7 | 13.7 | 20.5 |
| 59 | 8.9 | 7.4 | 11.0 |



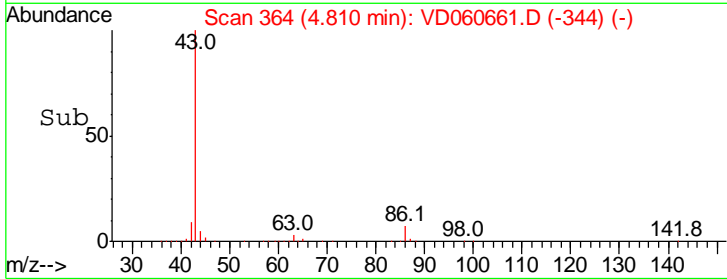
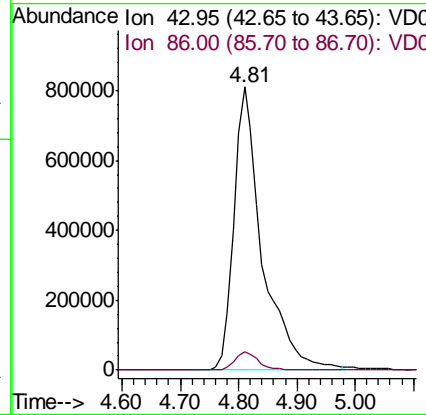
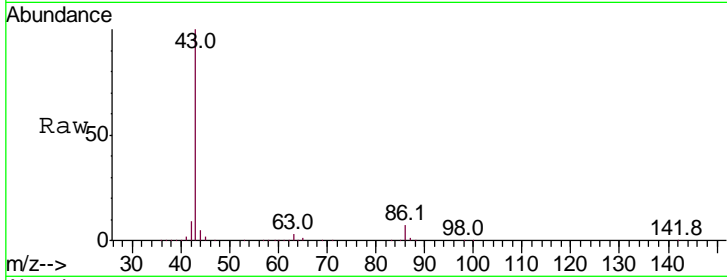


#23
 Vinyl Acetate
 Concen: 111.394 ug/l
 RT: 4.81 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 43 Resp: 2719304

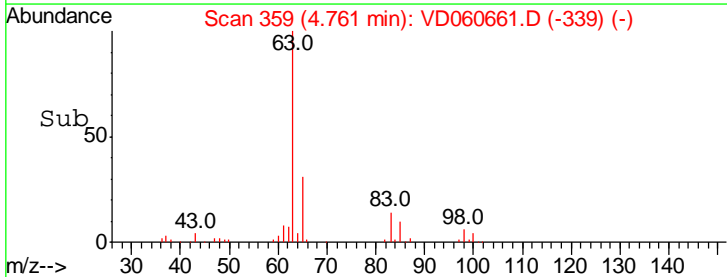
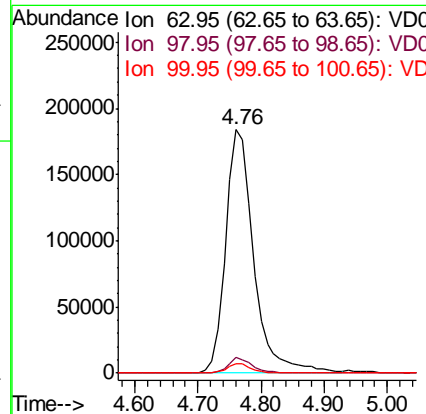
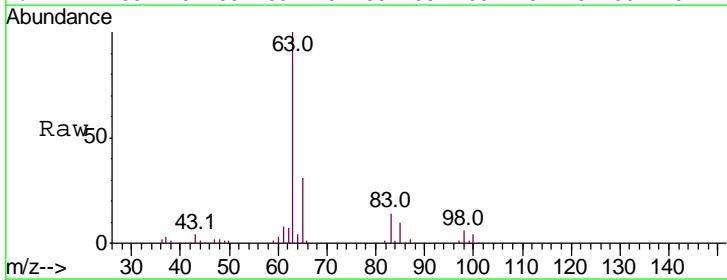
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43 | 100 | | |
| 86 | 6.7 | 5.6 | 8.4 |

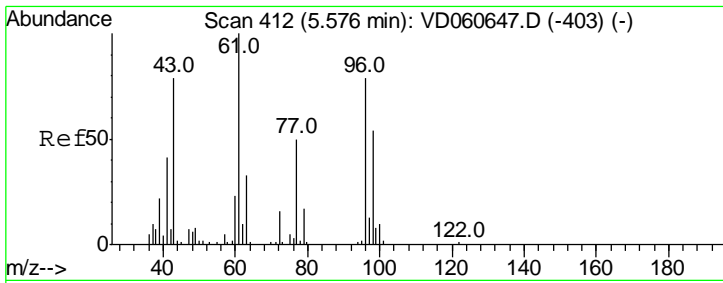


#24
 1,1-Dichloroethane
 Concen: 21.458 ug/l
 RT: 4.76 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 63 Resp: 569505

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63 | 100 | | |
| 98 | 6.2 | 2.9 | 8.7 |
| 100 | 3.7 | 2.0 | 5.8 |

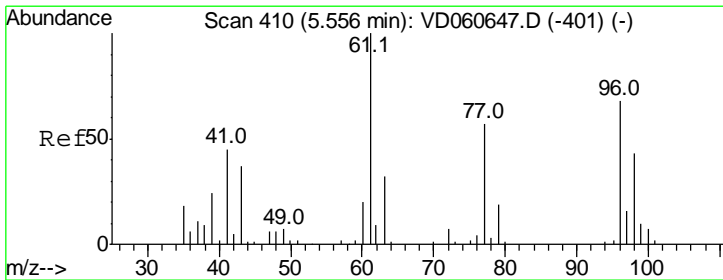
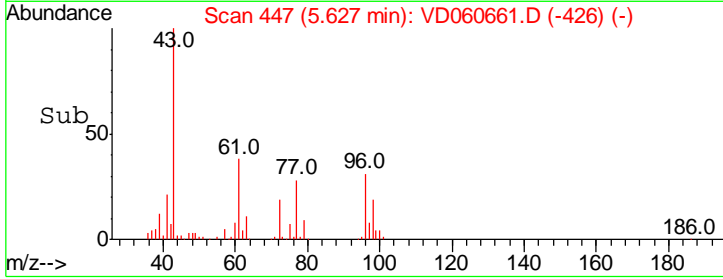
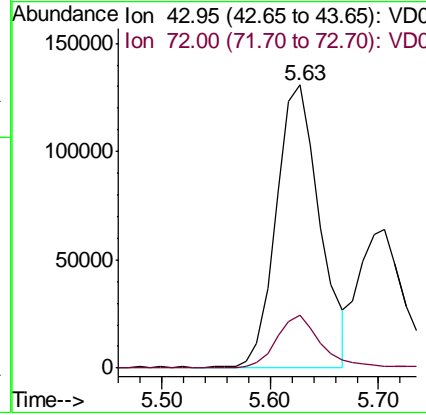
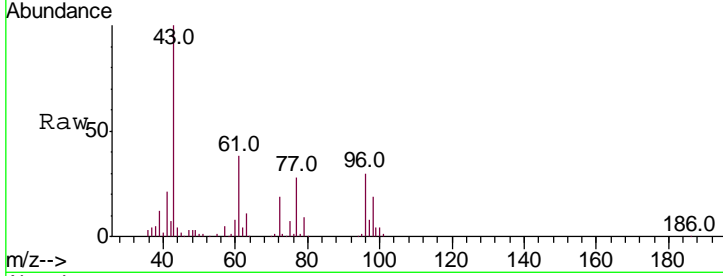




#25
 2-Butanone
 Concen: 108.028 ug/l
 RT: 5.63 min Scan# 447
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

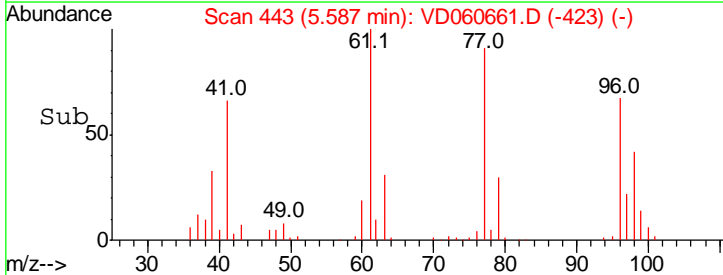
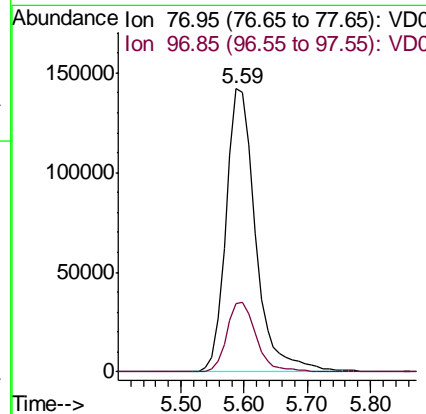
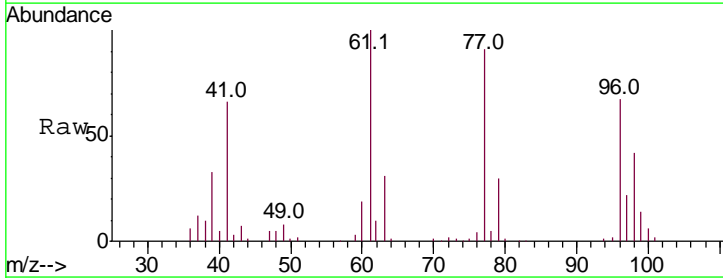
Instrument :
 MSVOA_D
 ClientSampled :

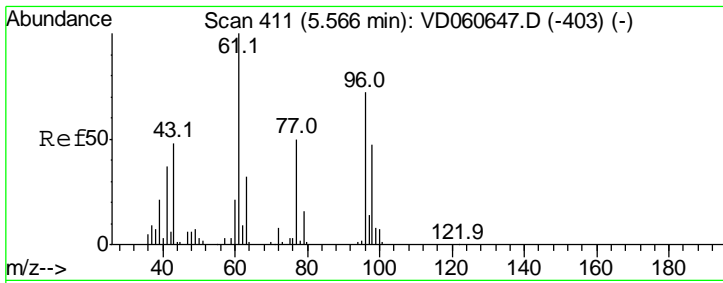
Tgt Ion: 43 Resp: 365066
 Ion Ratio Lower Upper
 43 100
 72 18.5 13.7 20.5



#26
 2,2-Dichloropropane
 Concen: 22.140 ug/l
 RT: 5.59 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 77 Resp: 463828
 Ion Ratio Lower Upper
 77 100
 97 24.1 13.0 39.0

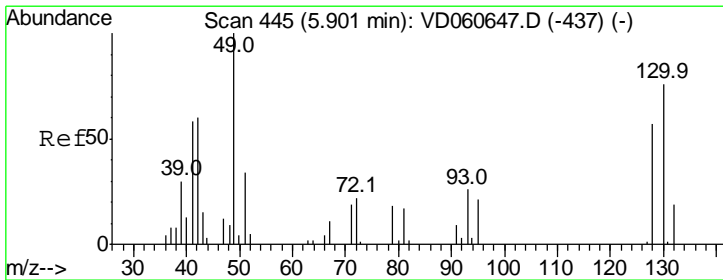
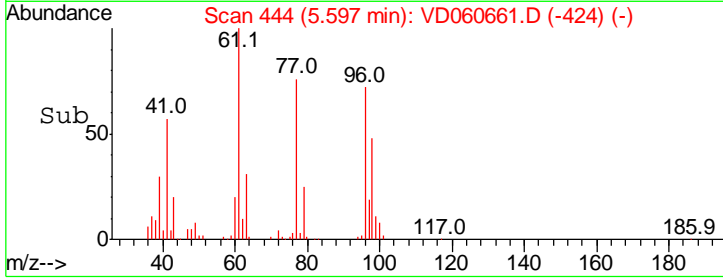
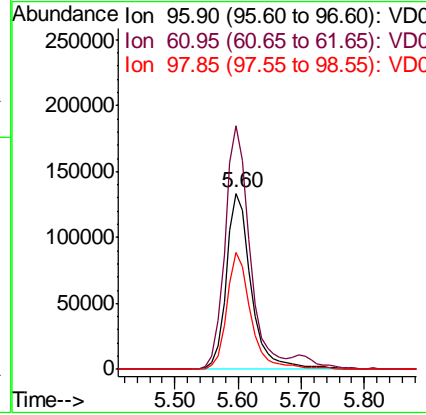
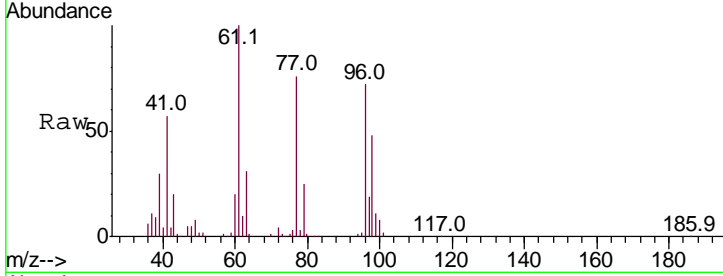




#27
 cis-1,2-Dichloroethene
 Concen: 21.697 ug/l
 RT: 5.60 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

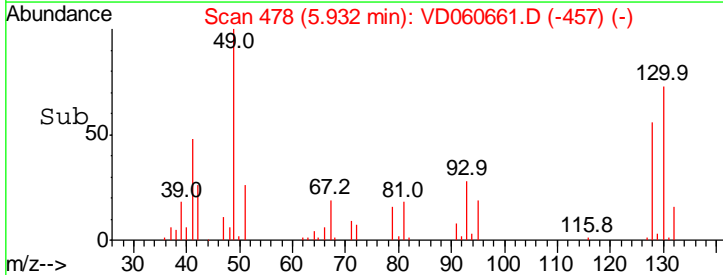
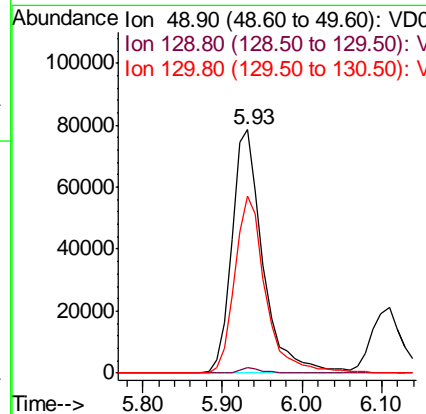
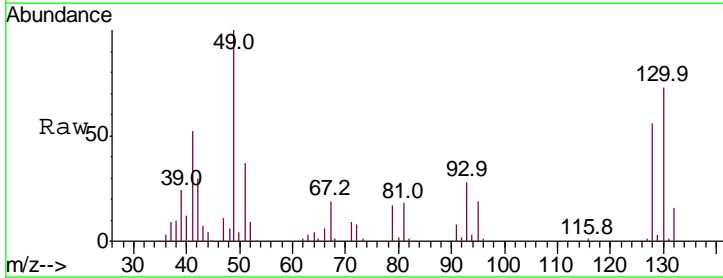
Instrument :
 MSVOA_D
 ClientSampled :

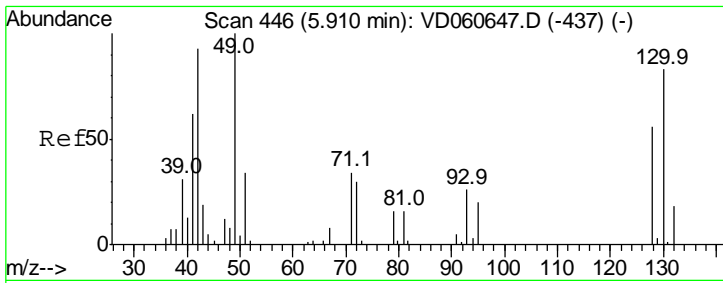
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 96 | 100 | | |
| 61 | 138.1 | 0.0 | 259.4 |
| 98 | 66.2 | 0.0 | 130.0 |



#28
 Bromochloromethane
 Concen: 19.009 ug/l
 RT: 5.93 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 49 | 100 | | |
| 129 | 2.5 | 0.0 | 3.4 |
| 130 | 72.8 | 56.2 | 84.2 |

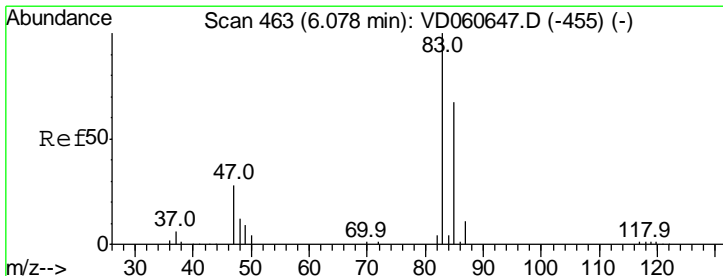
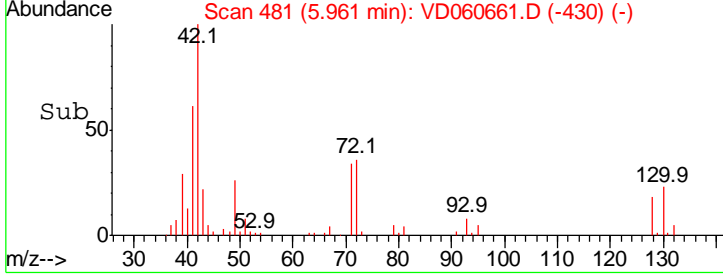
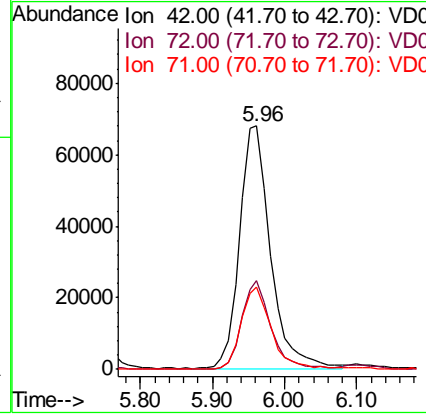
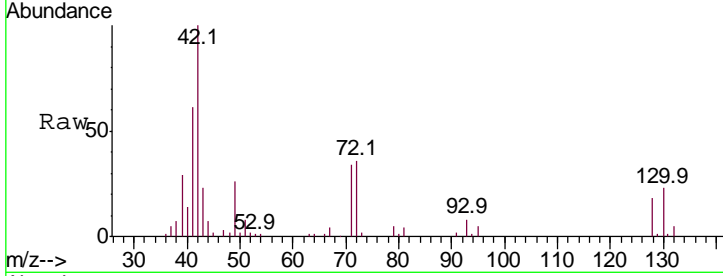




#29
 Tetrahydrofuran
 Concen: 107.871 ug/l
 RT: 5.96 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

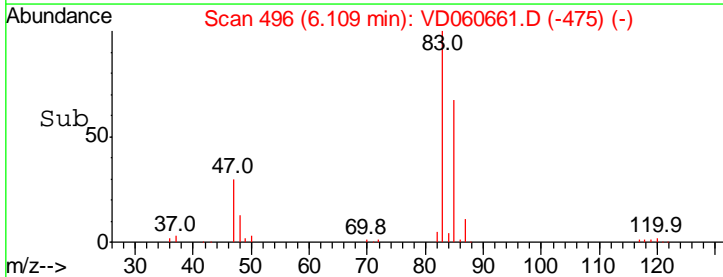
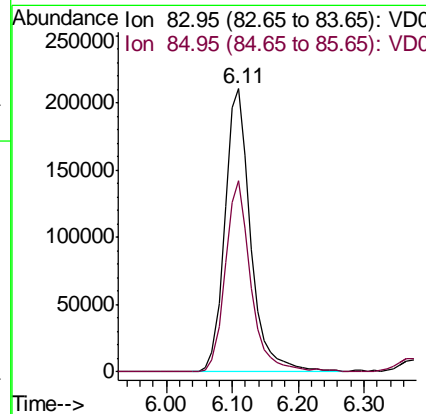
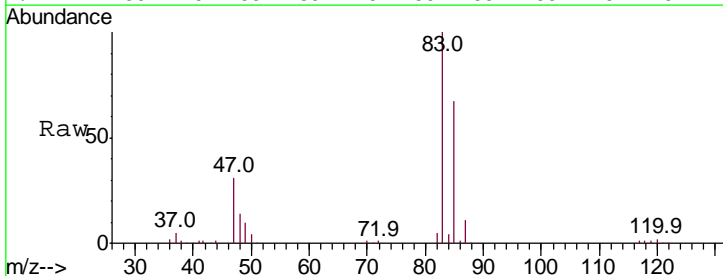
Instrument :
 MSVOA_D
 ClientSampled :

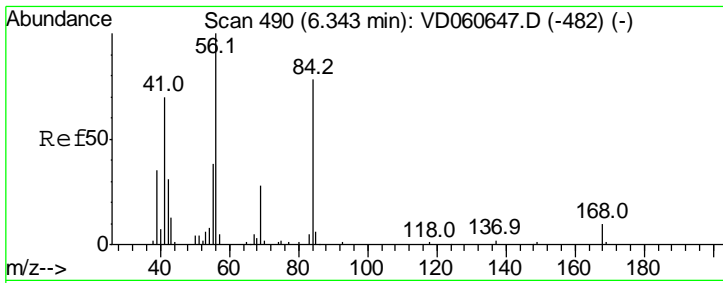
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 42 | 100 | | |
| 72 | 33.8 | 28.0 | 42.0 |
| 71 | 32.6 | 27.0 | 40.6 |



#30
 Chloroform
 Concen: 21.543 ug/l
 RT: 6.11 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 85 | 67.5 | 53.0 | 79.6 |

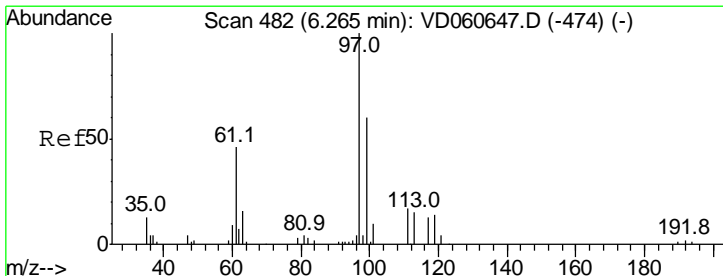
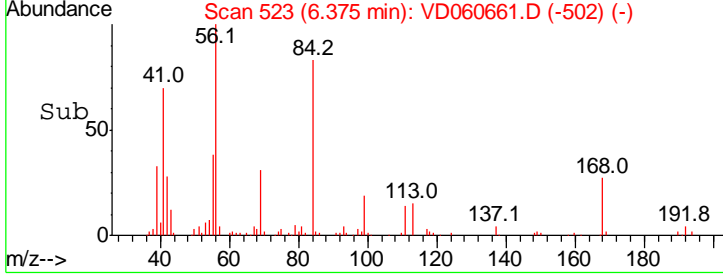
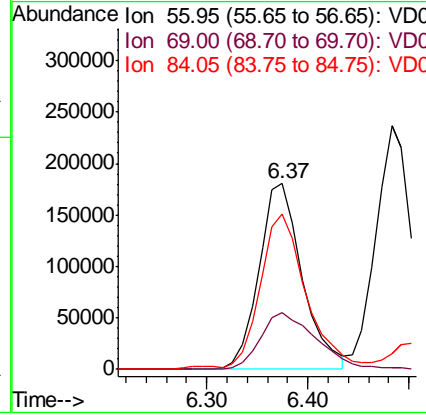
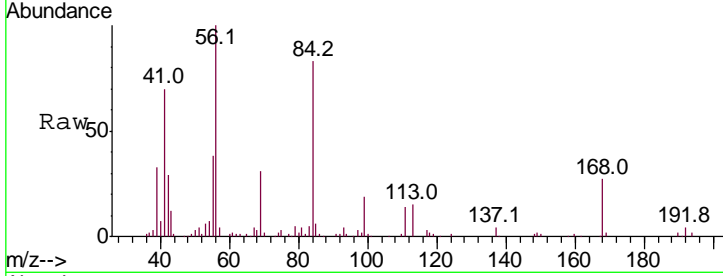




#31
 Cyclohexane
 Concen: 21.066 ug/l
 RT: 6.37 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

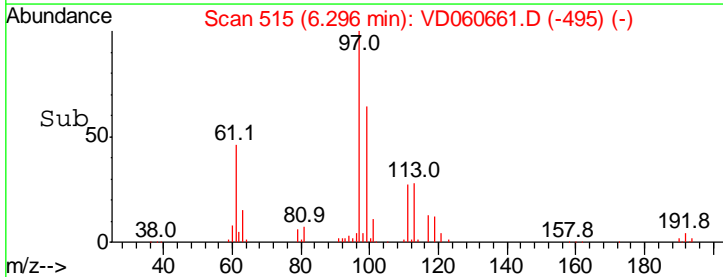
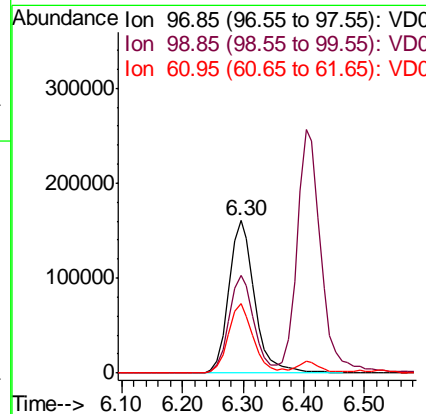
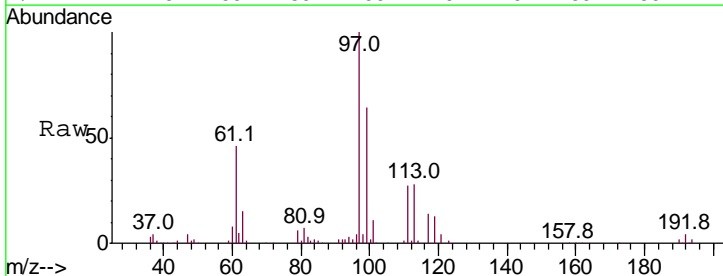
Instrument :
 MSVOA_D
 ClientSampled :

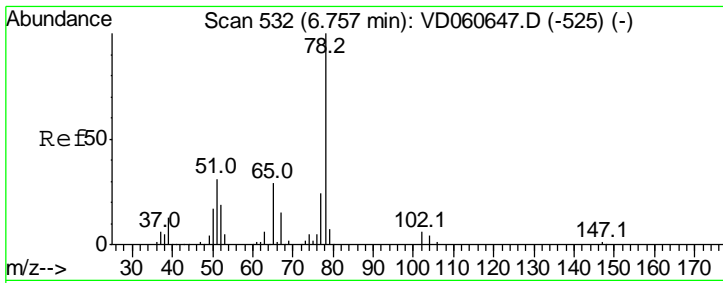
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 56 | 100 | | |
| 69 | 30.5 | 23.6 | 35.4 |
| 84 | 83.5 | 65.8 | 98.6 |



#32
 1,1,1-Trichloroethane
 Concen: 21.432 ug/l
 RT: 6.30 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97 | 100 | | |
| 99 | 63.8 | 50.5 | 75.7 |
| 61 | 45.9 | 34.6 | 51.8 |

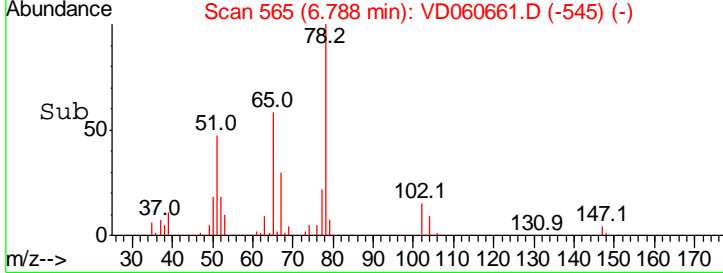
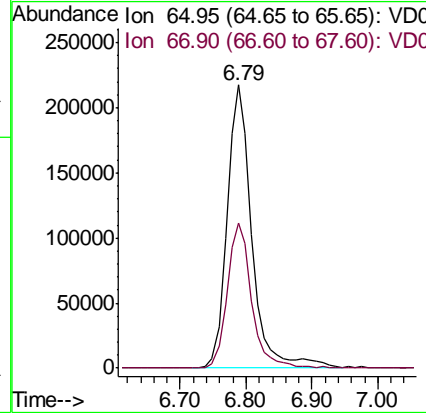
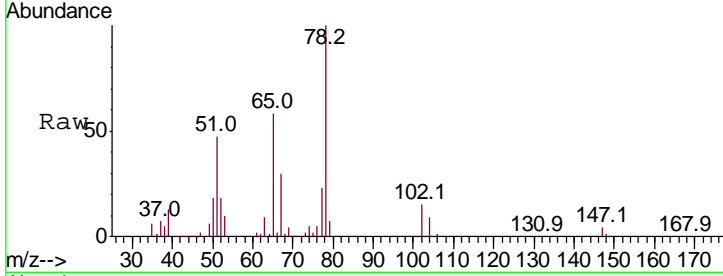




#33
 1,2-Dichloroethane-d4
 Concen: 21.432 ug/l
 RT: 6.79 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

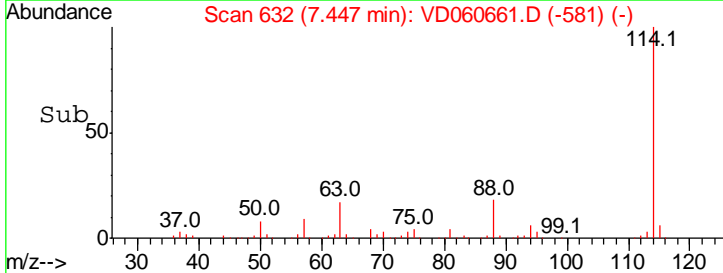
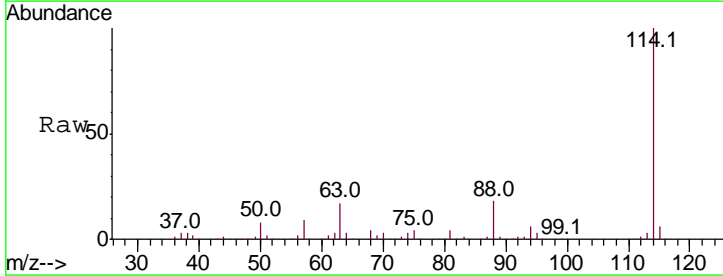
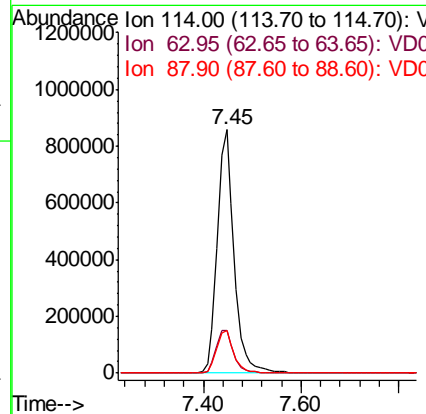
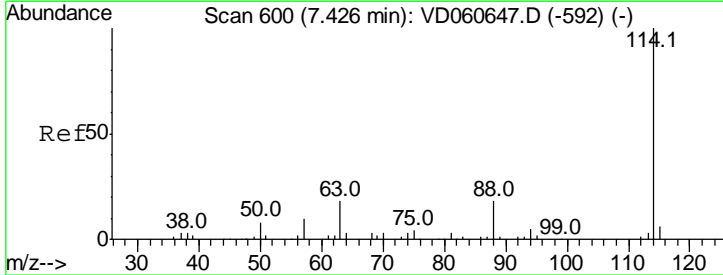
Instrument :
 MSVOA_D
 ClientSampled :

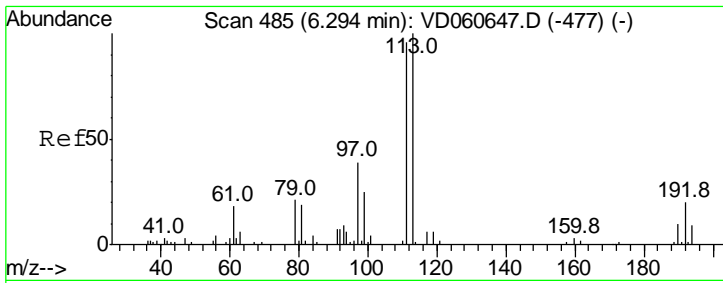
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 65 | 100 | | |
| 67 | 51.3 | 0.0 | 105.4 |



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 114 | 100 | | |
| 63 | 17.4 | 0.0 | 36.2 |
| 88 | 17.7 | 0.0 | 37.0 |

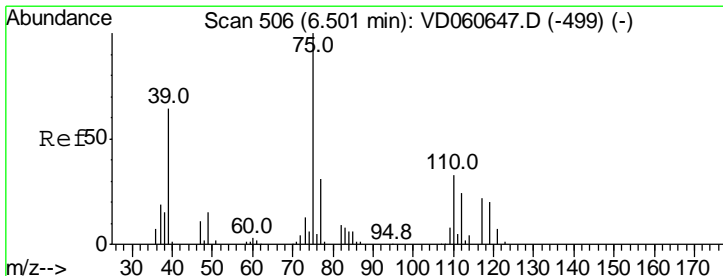
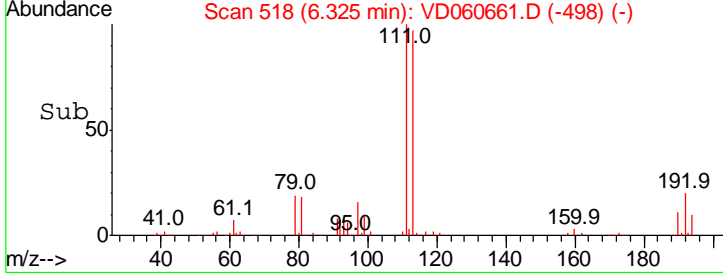
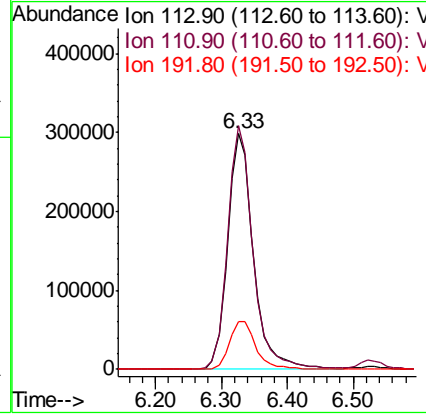
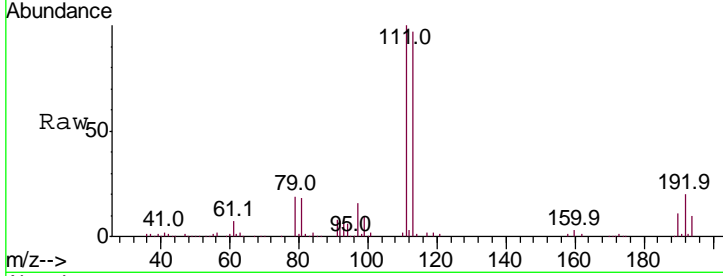




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

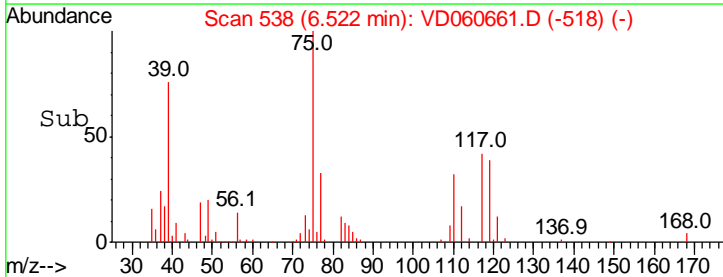
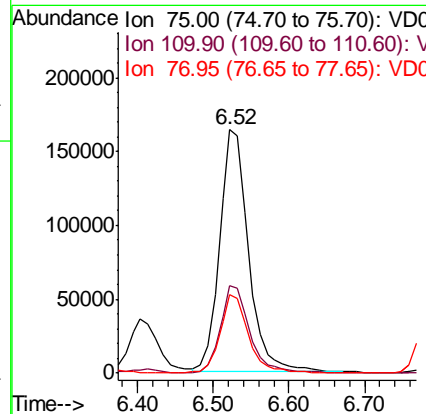
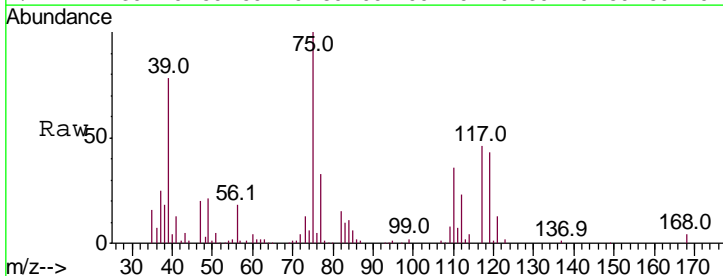
Instrument :
 MSVOA_D
 ClientSampled :

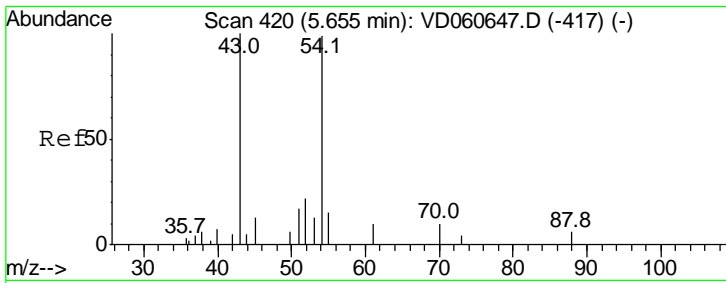
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 113 | 817133 | | |
| 111 | 103.3 | 80.0 | 120.0 |
| 192 | 20.2 | 16.6 | 25.0 |



#36
 1,1-Dichloropropene
 Concen: 20.649 ug/l
 RT: 6.52 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 75 | 438355 | | |
| 110 | 35.9 | 18.9 | 56.7 |
| 77 | 32.5 | 25.4 | 38.0 |

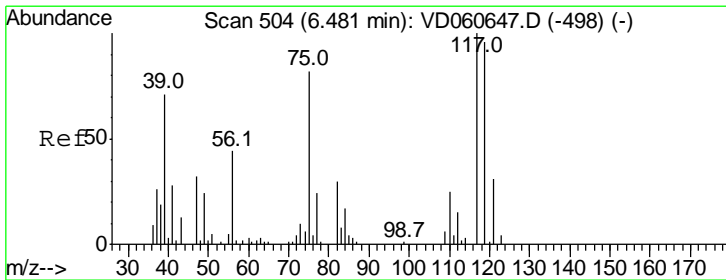
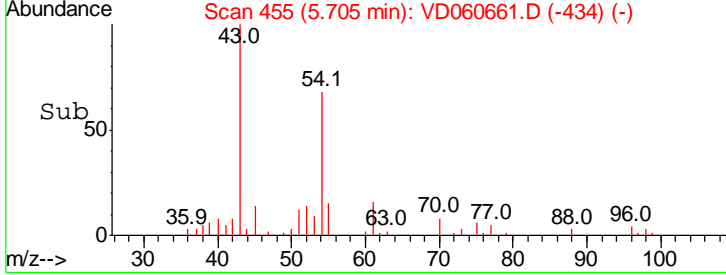
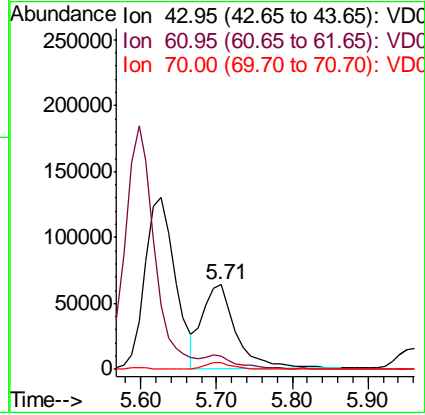
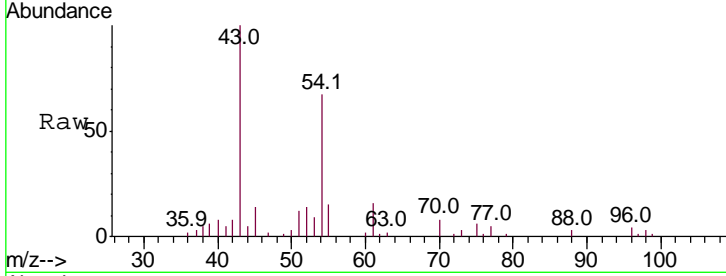




#37
 Ethyl Acetate
 Concen: 22.094 ug/l
 RT: 5.71 min Scan# 455
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

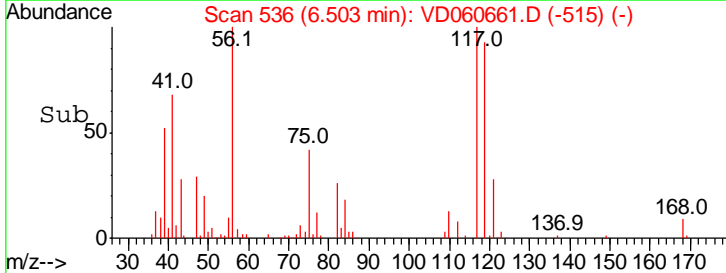
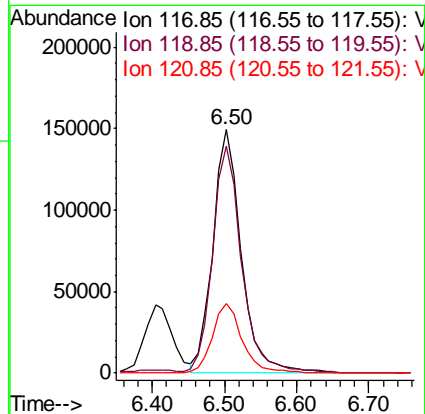
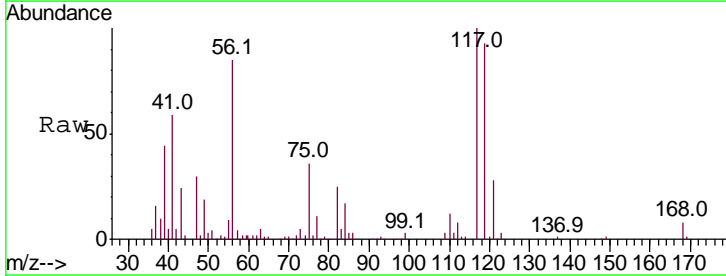
Instrument :
 MSVOA_D
 ClientSampled :

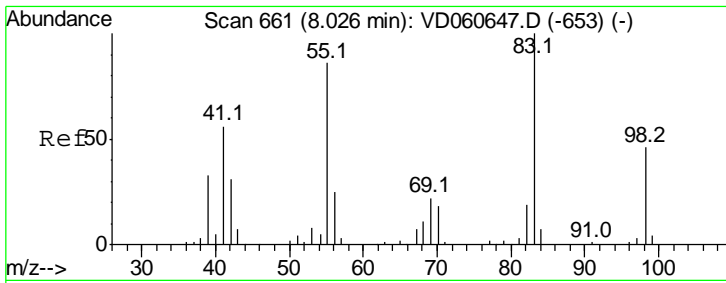
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 43 | 196162 | | |
| 61 | 15.7 | 11.8 | 17.6 |
| 70 | 7.6 | 5.8 | 8.6 |



#38
 Carbon Tetrachloride
 Concen: 21.412 ug/l
 RT: 6.50 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 117 | 401023 | | |
| 119 | 93.1 | 77.0 | 115.4 |
| 121 | 28.5 | 24.7 | 37.1 |

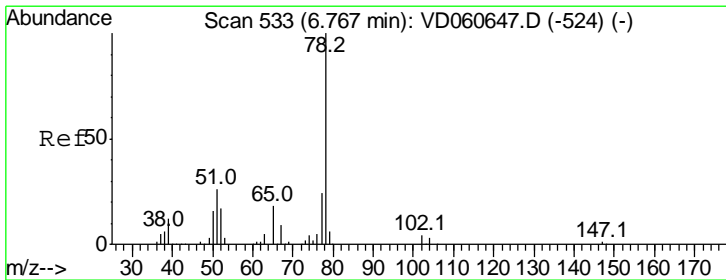
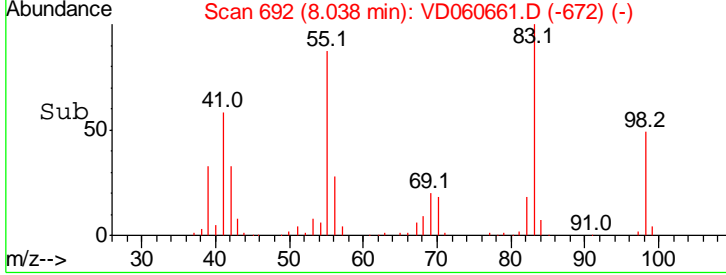
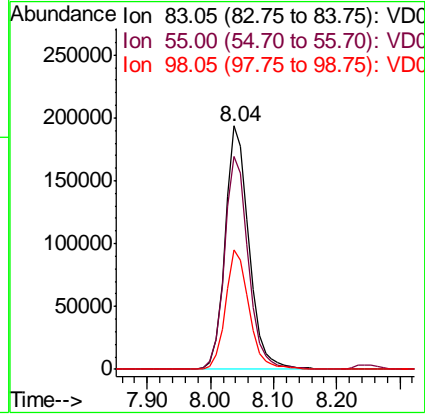
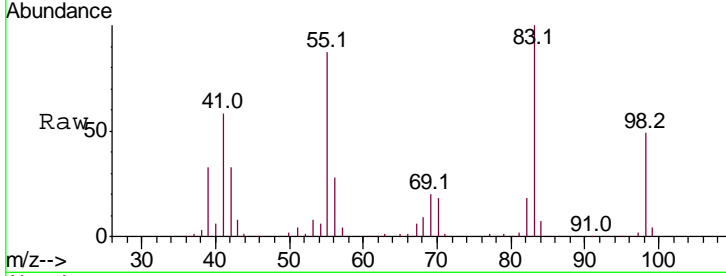




#39
 Methylcyclohexane
 Concen: 20.942 ug/l
 RT: 8.04 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

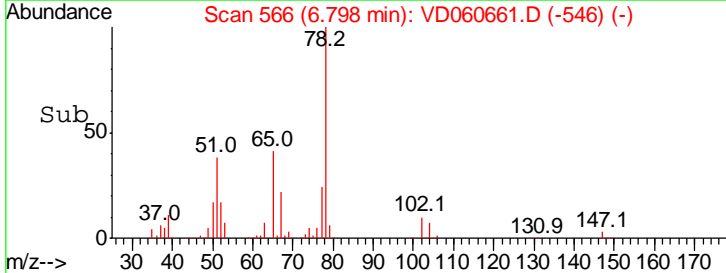
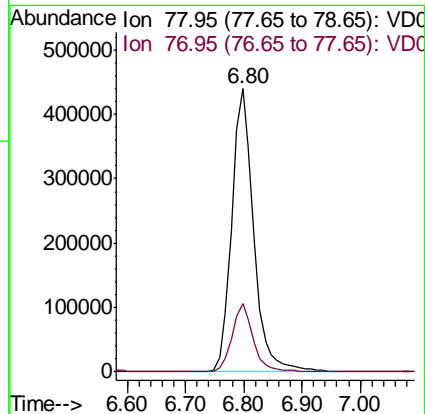
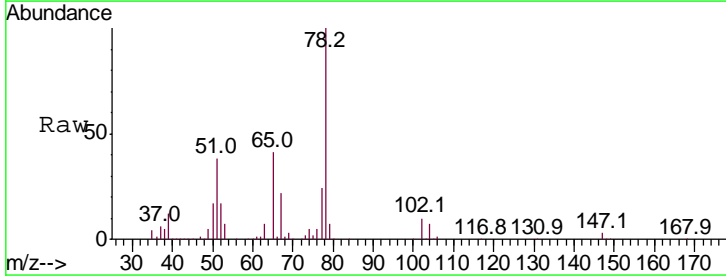
Instrument :
 MSVOA_D
 ClientSampled :

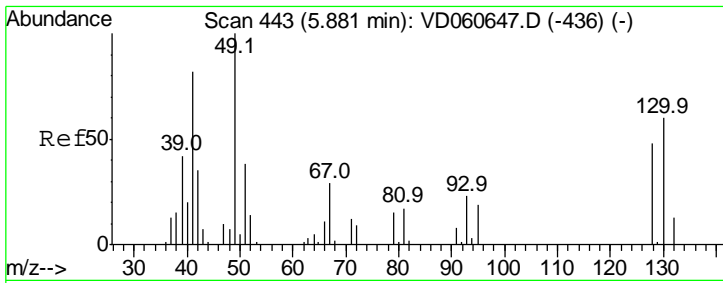
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 55 | 87.3 | 68.6 | 102.8 |
| 98 | 49.2 | 38.1 | 57.1 |



#40
 Benzene
 Concen: 20.995 ug/l
 RT: 6.80 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 78 | 100 | | |
| 77 | 24.0 | 19.2 | 28.8 |

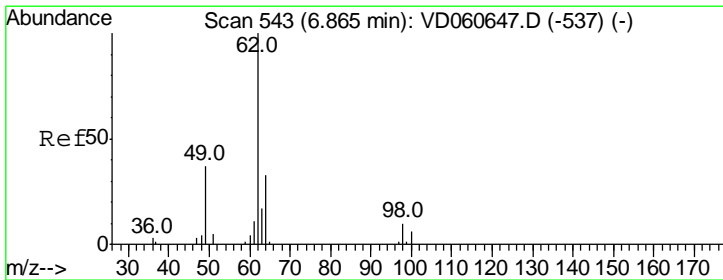
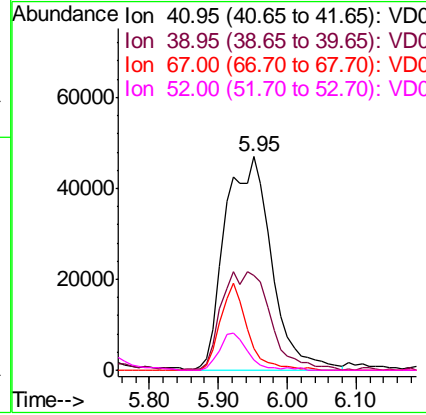
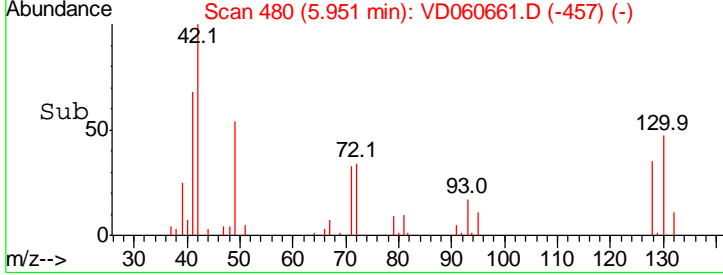
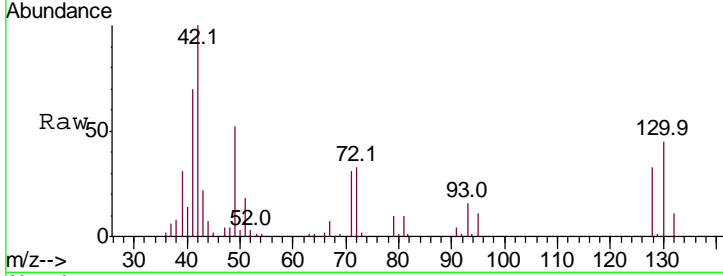




#41
 Methacrylonitrile
 Concen: 44.831 ug/l
 RT: 5.95 min Scan# 480
 Delta R.T. 0.03 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

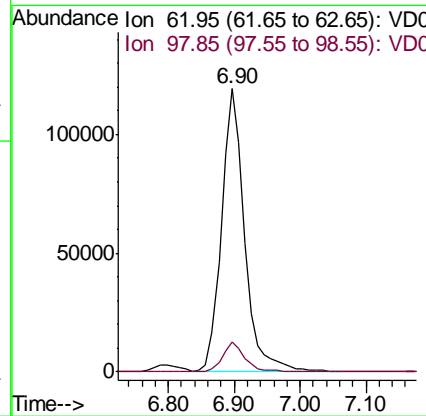
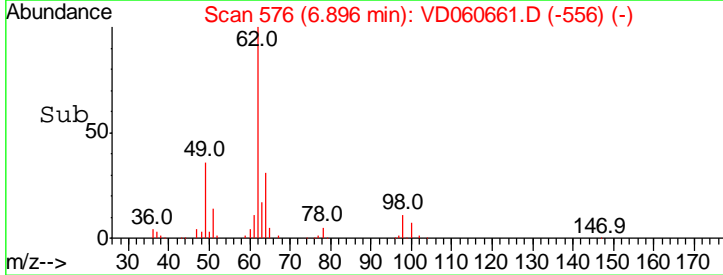
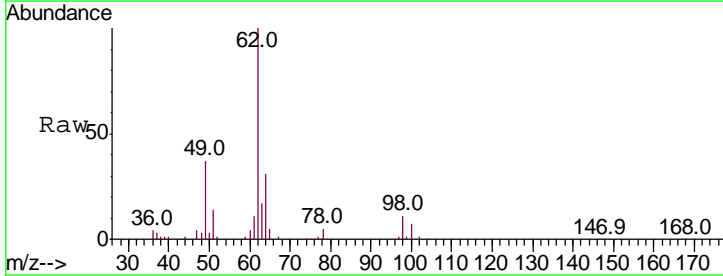
Instrument :
 MSVOA_D
 ClientSampled :

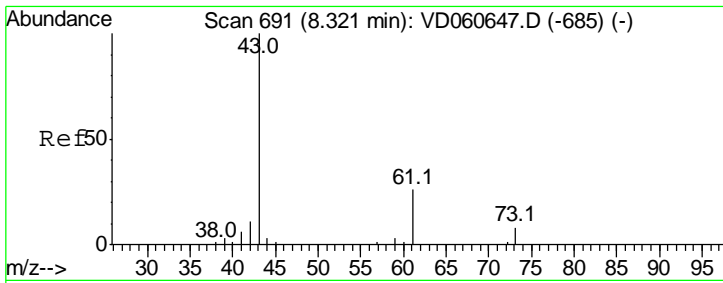
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41 | 100 | | |
| 39 | 44.4 | 37.6 | 56.4 |
| 67 | 10.1 | 33.0 | 49.6# |
| 52 | 4.8 | 15.5 | 23.3# |



#42
 1,2-Dichloroethane
 Concen: 21.355 ug/l
 RT: 6.90 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62 | 100 | | |
| 98 | 10.6 | 0.0 | 20.4 |

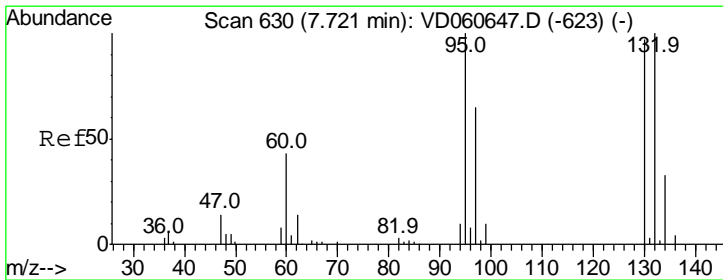
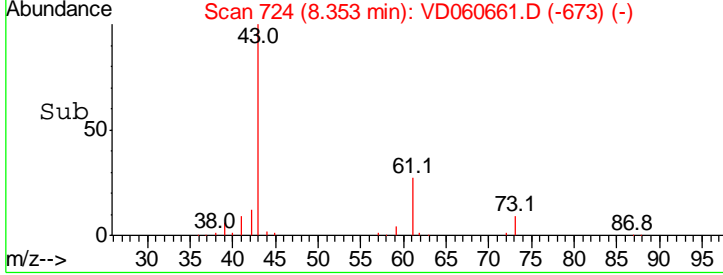
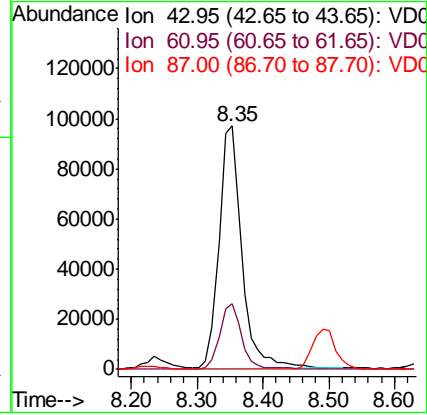
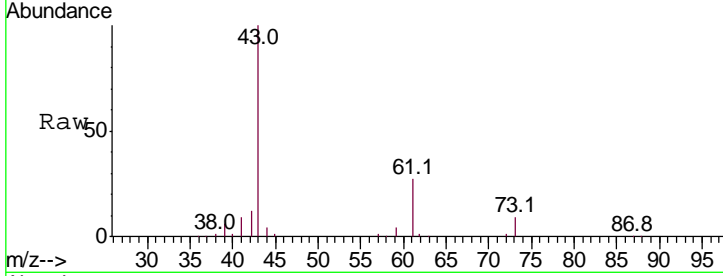




#43
 Isopropyl Acetate
 Concen: 20.298 ug/l
 RT: 8.35 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

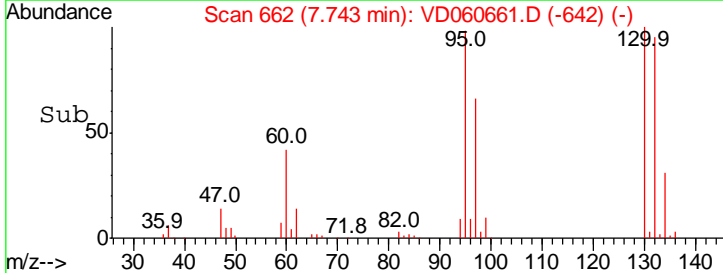
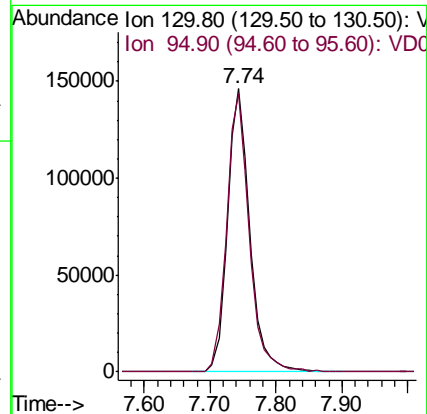
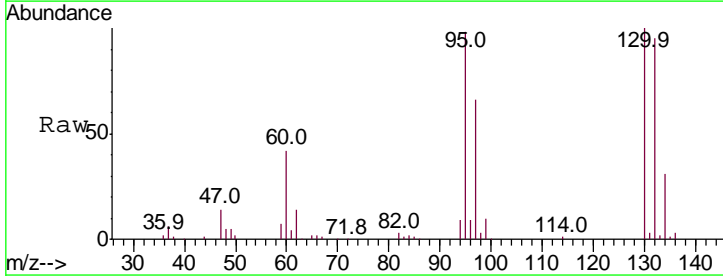
Instrument :
 MSVOA_D
 ClientSampled :

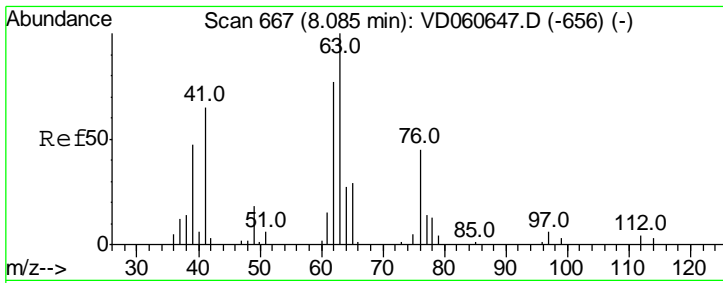
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 61 | 27.1 | 21.8 | 32.8 |
| 87 | 0.3 | 0.2 | 0.4 |



#44
 Trichloroethene
 Concen: 21.287 ug/l
 RT: 7.74 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 130 | 100 | | |
| 95 | 98.4 | 0.0 | 193.6 |



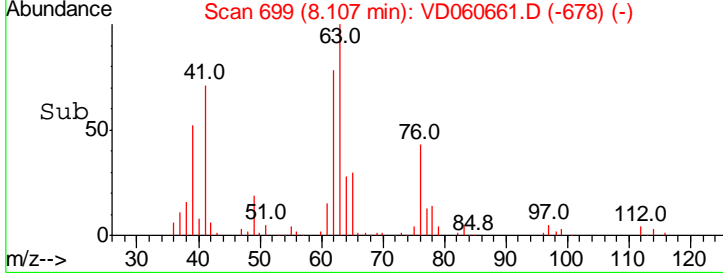
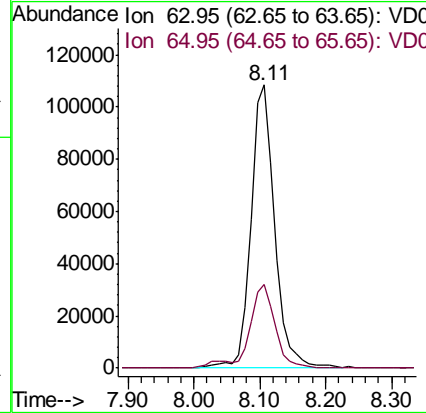
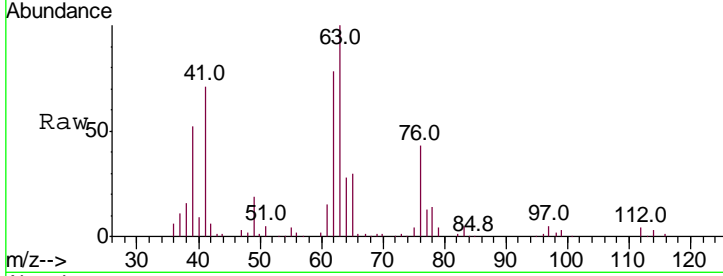


#45
 1,2-Dichloropropane
 Concen: 20.271 ug/l
 RT: 8.11 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 63 Resp: 272603

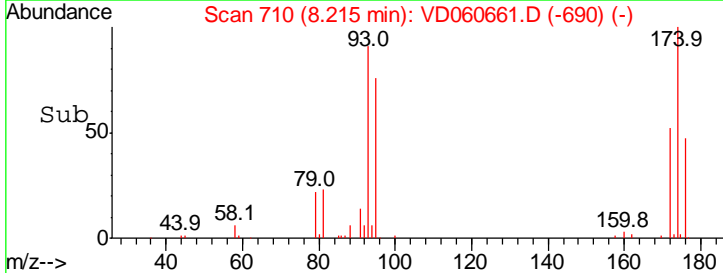
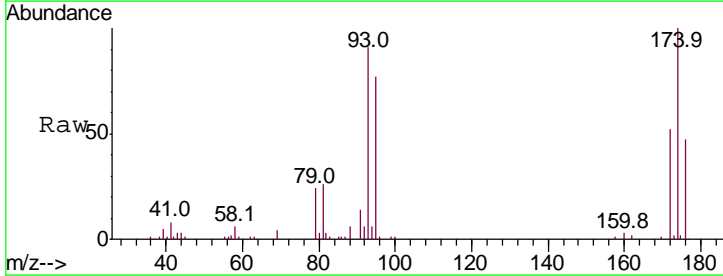
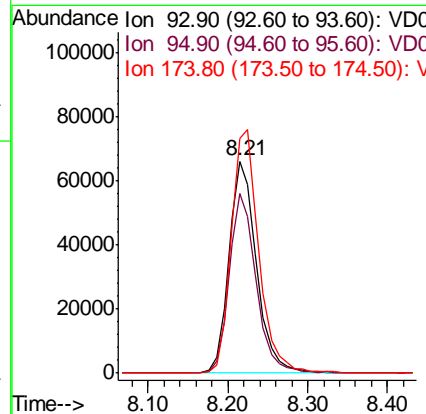
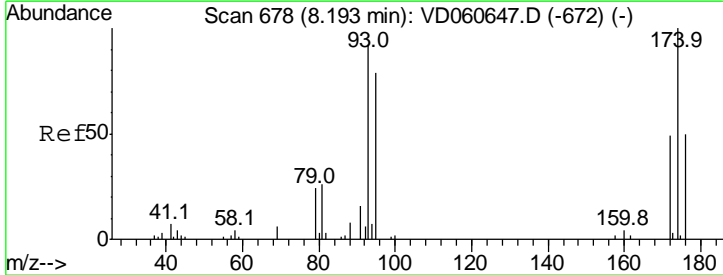
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63 | 100 | | |
| 65 | 29.6 | 25.0 | 37.6 |

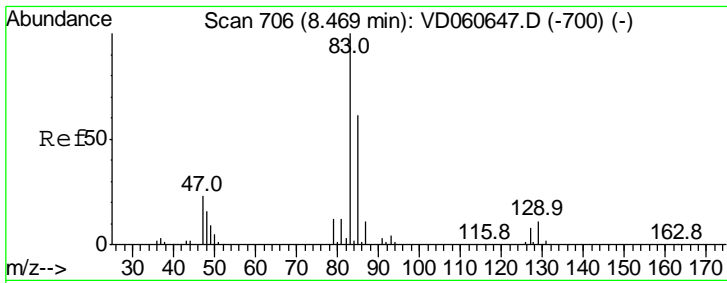


#46
 Dibromomethane
 Concen: 20.859 ug/l
 RT: 8.21 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 93 Resp: 160100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 95 | 84.7 | 68.8 | 103.2 |
| 174 | 110.4 | 93.0 | 139.4 |

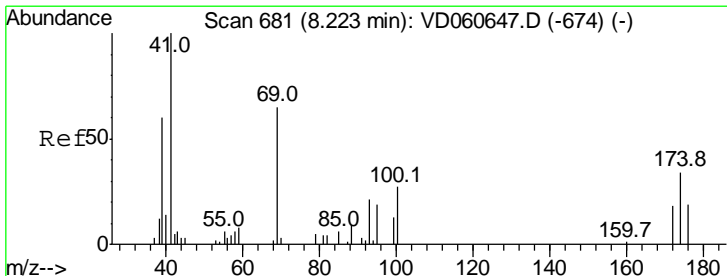
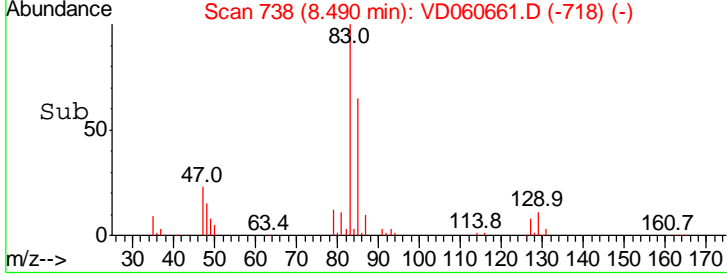
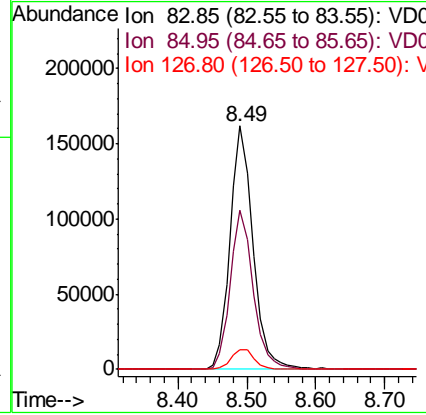
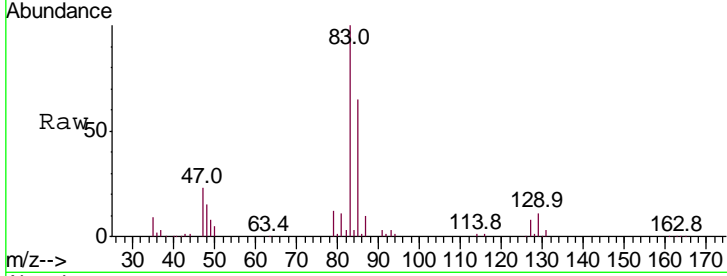




#47
 Bromodichloromethane
 Concen: 20.482 ug/l
 RT: 8.49 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

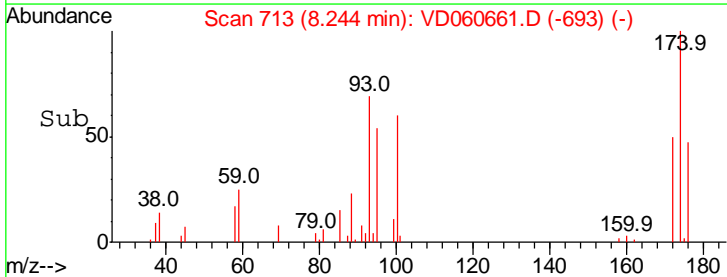
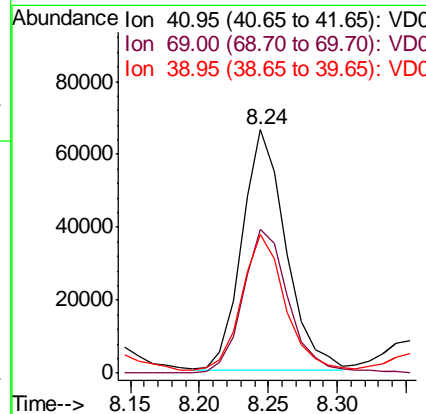
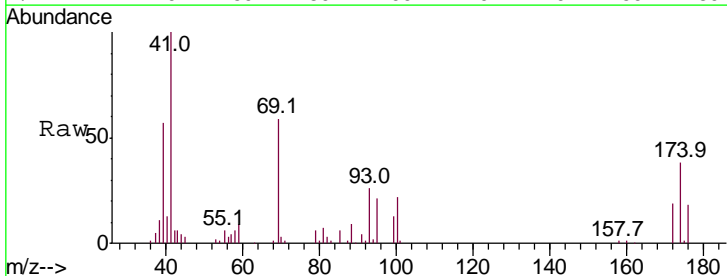
Instrument :
 MSVOA_D
 ClientSampled :

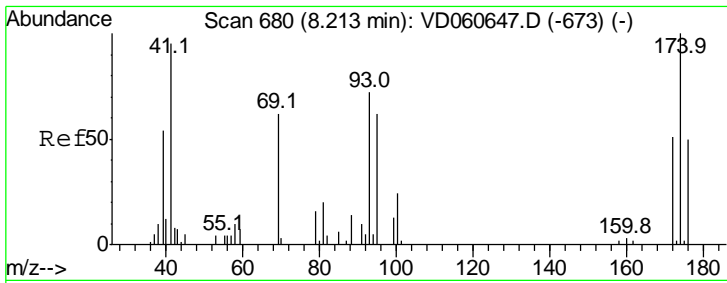
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 85 | 65.3 | 51.1 | 76.7 |
| 127 | 8.3 | 7.0 | 10.6 |



#48
 Methyl methacrylate
 Concen: 21.207 ug/l
 RT: 8.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41 | 100 | | |
| 69 | 58.9 | 51.2 | 76.8 |
| 39 | 56.9 | 44.6 | 67.0 |

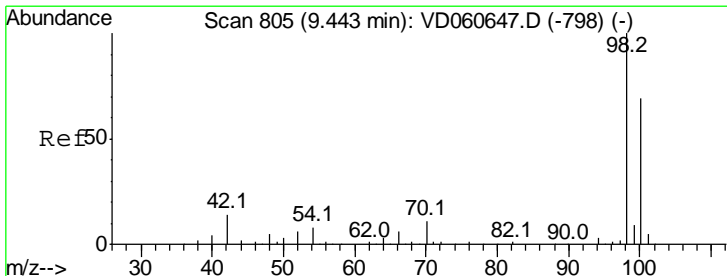
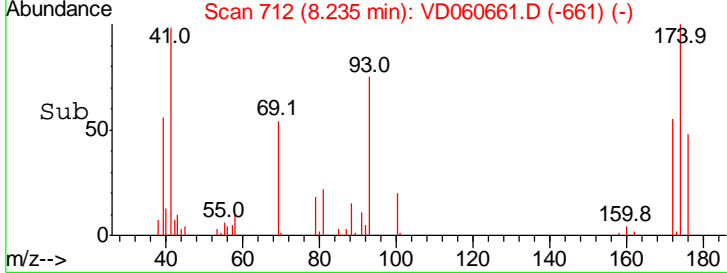
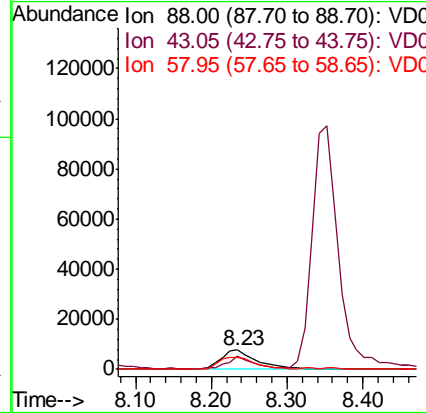
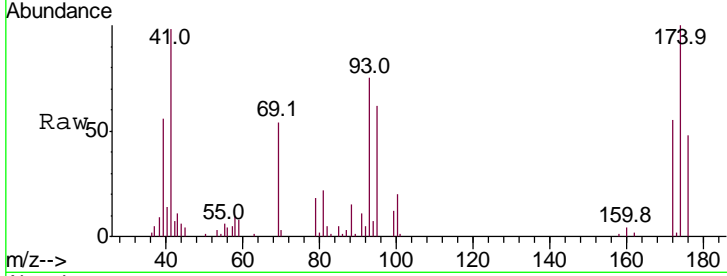




#49
 1,4-Dioxane
 Concen: 395.774 ug/l
 RT: 8.23 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

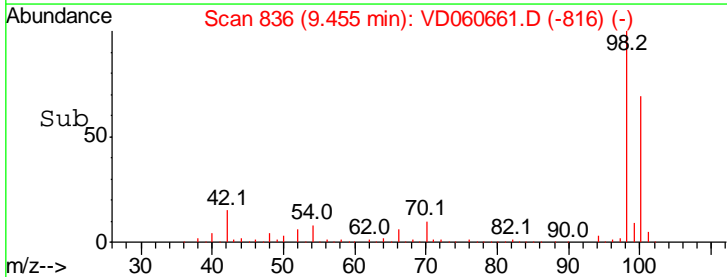
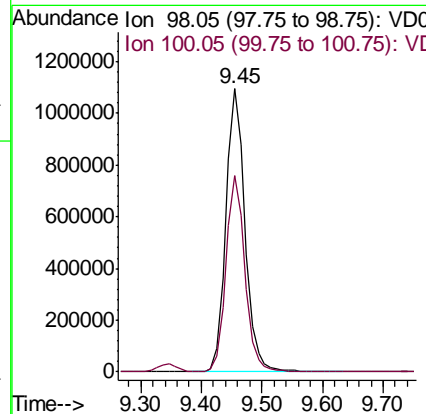
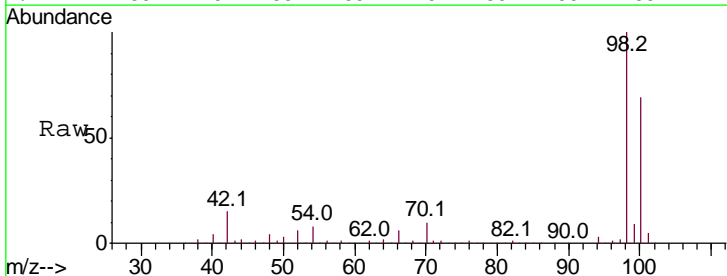
Instrument :
 MSVOA_D
 ClientSampled :

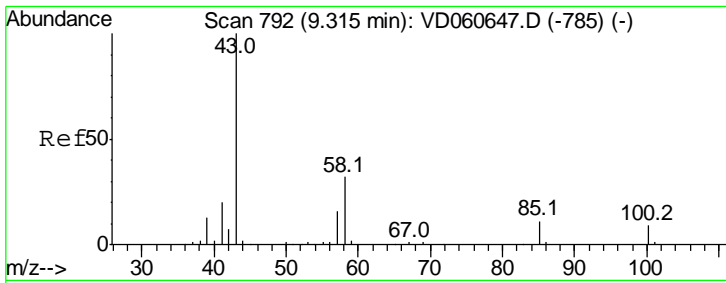
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 88 | 25465 | | |
| 88 | 100 | | |
| 43 | 69.7 | 31.5 | 47.3# |
| 58 | 61.9 | 50.6 | 76.0 |



#50
 Toluene-d8
 Concen: 395.774 ug/l
 RT: 9.45 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|---------|-------|-------|
| 98 | 2393280 | | |
| 98 | 100 | | |
| 100 | 69.4 | 55.8 | 83.8 |

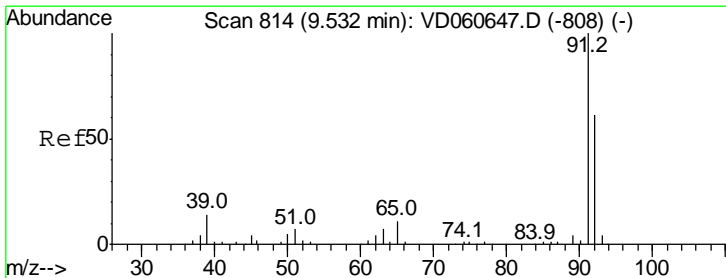
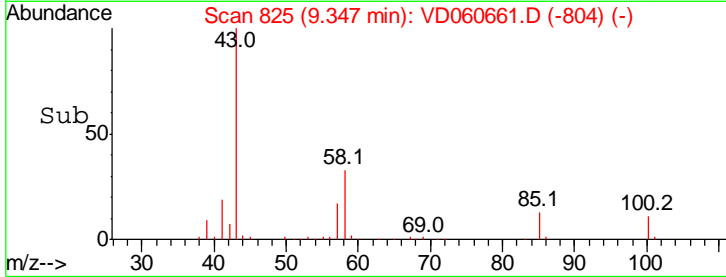
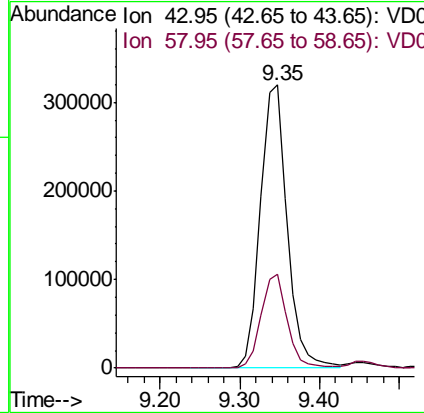
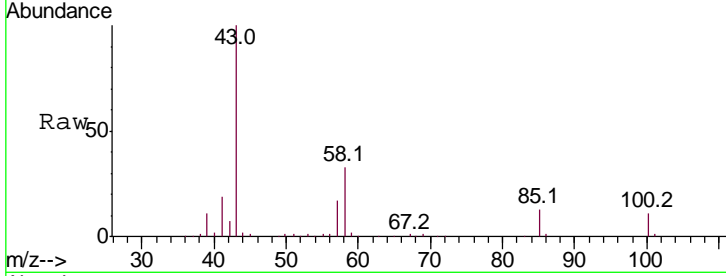




#51
 4-Methyl-2-Pentanone
 Concen: 106.259 ug/l
 RT: 9.35 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

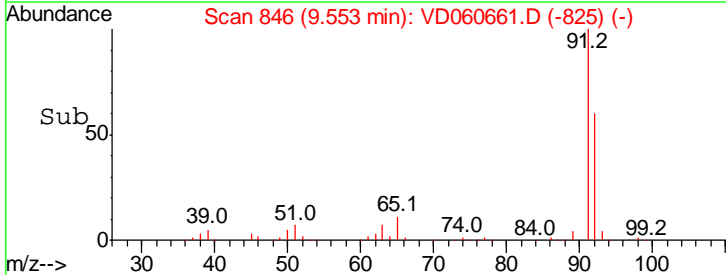
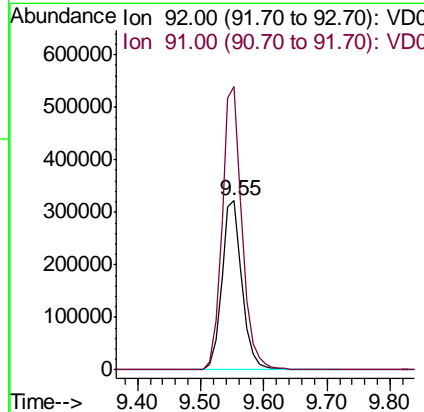
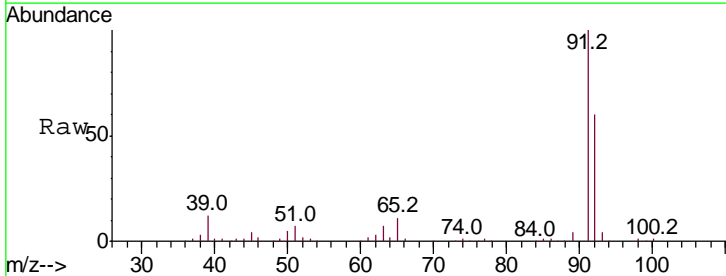
Instrument :
 MSVOA_D
 ClientSampled :

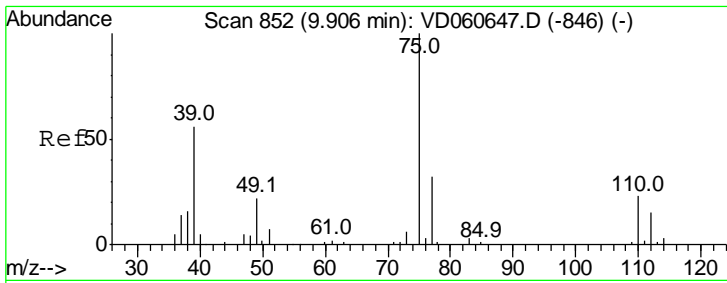
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 58 | 33.3 | 26.3 | 39.5 |



#52
 Toluene
 Concen: 20.906 ug/l
 RT: 9.55 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 92 | 100 | | |
| 91 | 167.1 | 132.6 | 199.0 |

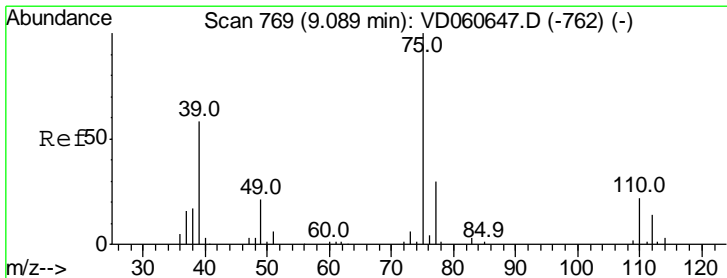
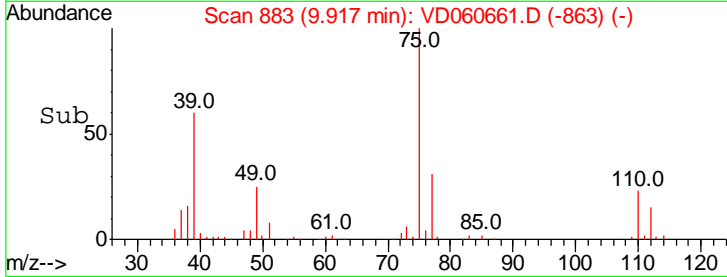
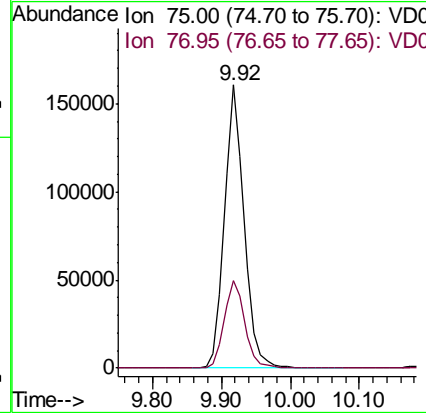
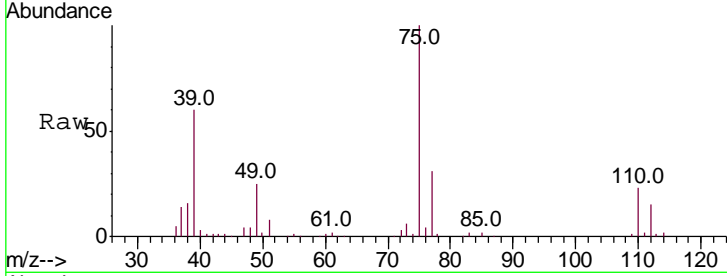




#53
 t-1,3-Dichloropropene
 Concen: 20.842 ug/l
 RT: 9.92 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

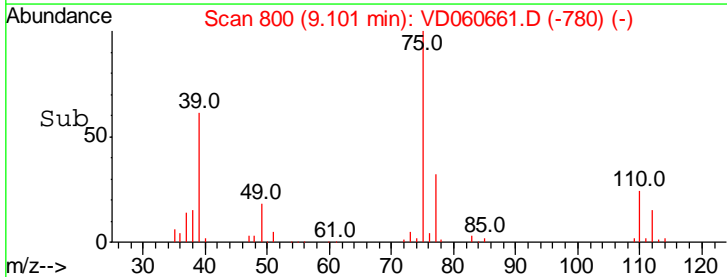
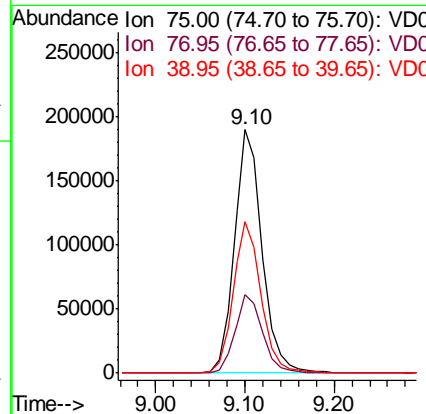
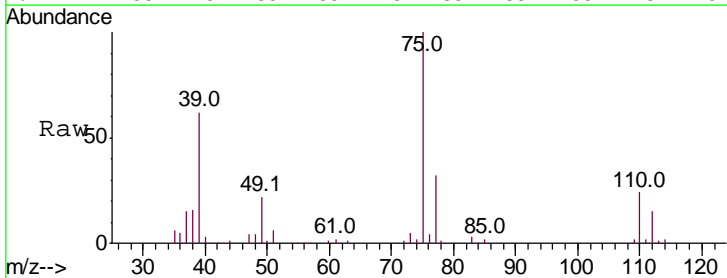
Instrument : MSVOA_D
 ClientSampled :

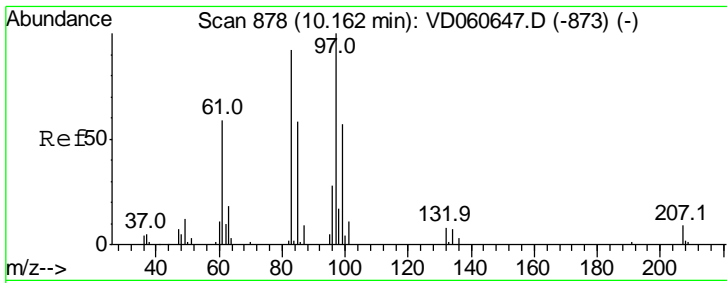
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75 | 100 | | |
| 77 | 30.9 | 26.0 | 39.0 |



#54
 cis-1,3-Dichloropropene
 Concen: 20.742 ug/l
 RT: 9.10 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75 | 100 | | |
| 77 | 32.1 | 25.4 | 38.2 |
| 39 | 62.2 | 47.0 | 70.4 |

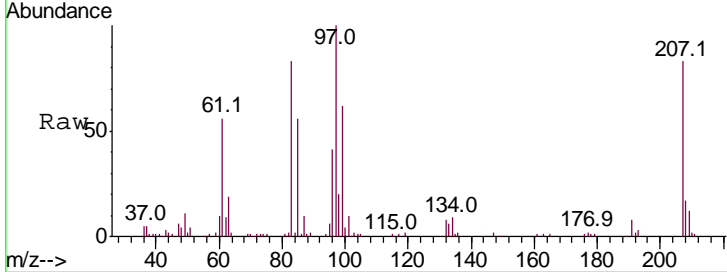




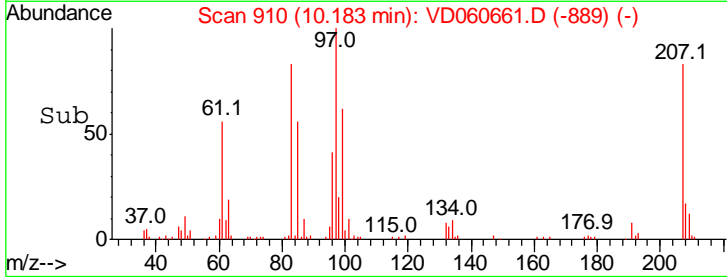
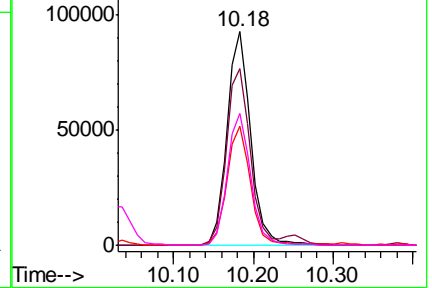
#55
 1,1,2-Trichloroethane
 Concen: 21.012 ug/l
 RT: 10.18 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97 | 100 | | |
| 83 | 82.9 | 70.0 | 105.0 |
| 85 | 55.7 | 46.6 | 70.0 |
| 99 | 61.8 | 49.6 | 74.4 |

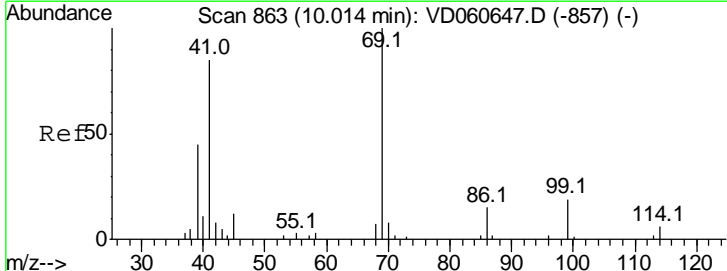


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

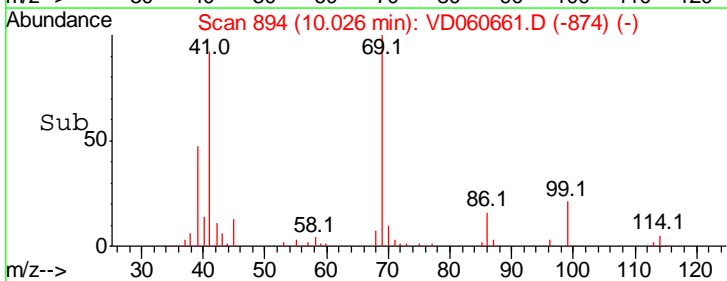
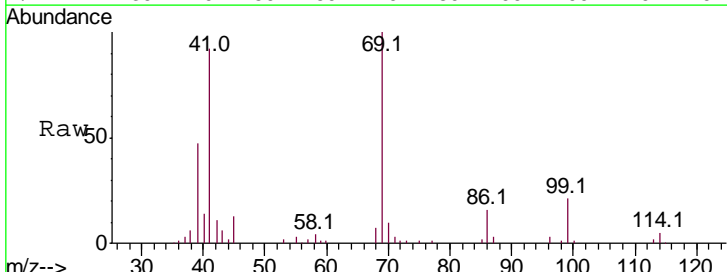
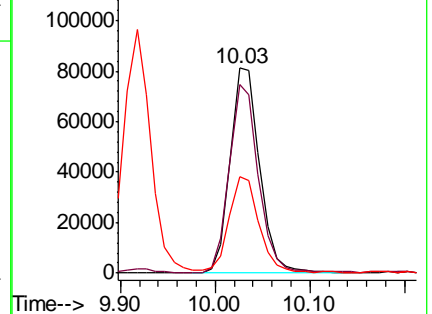


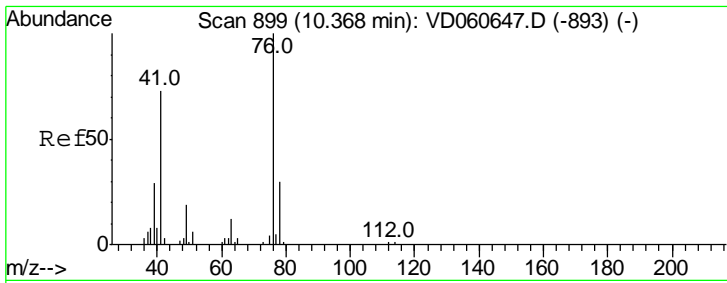
#56
 Ethyl methacrylate
 Concen: 20.452 ug/l
 RT: 10.03 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 69 | 100 | | |
| 41 | 92.3 | 68.3 | 102.5 |
| 39 | 46.8 | 37.2 | 55.8 |



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC

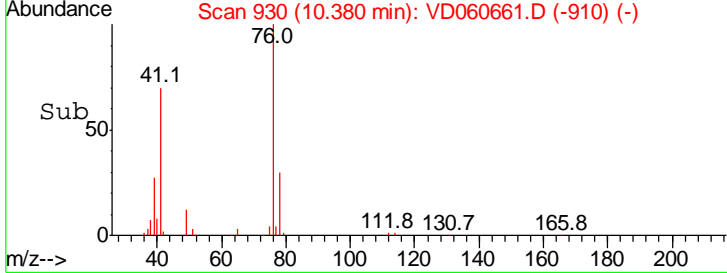
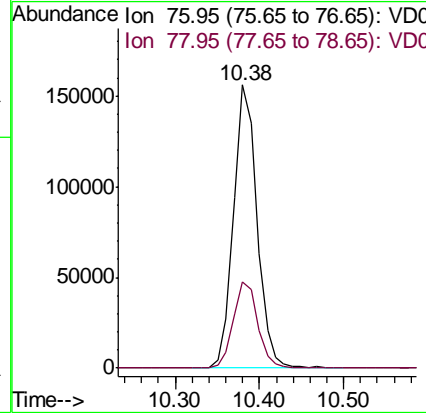
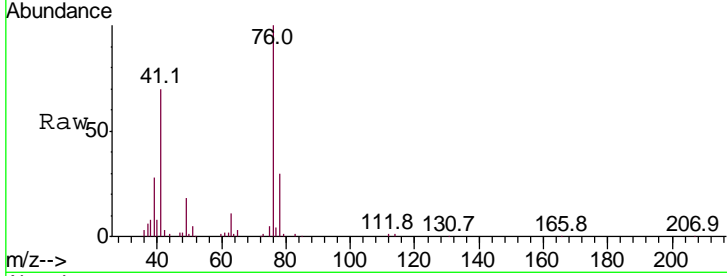




#57
 1,3-Dichloropropane
 Concen: 20.685 ug/l
 RT: 10.38 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

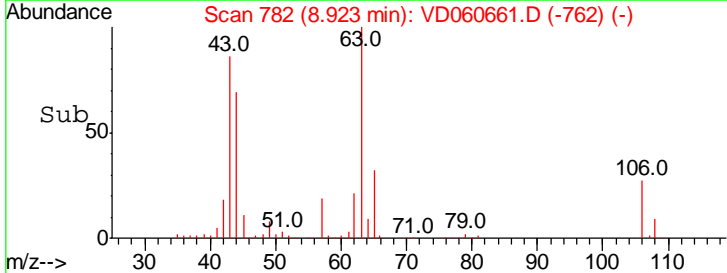
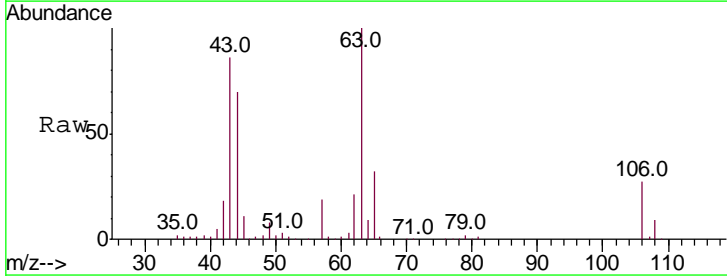
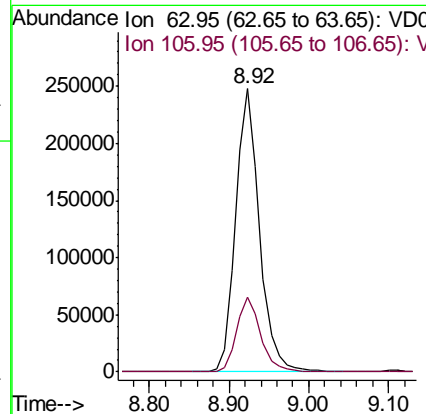
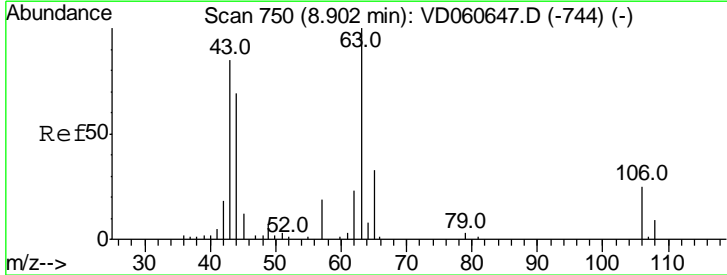
Instrument : MSVOA_D
 ClientSampled :

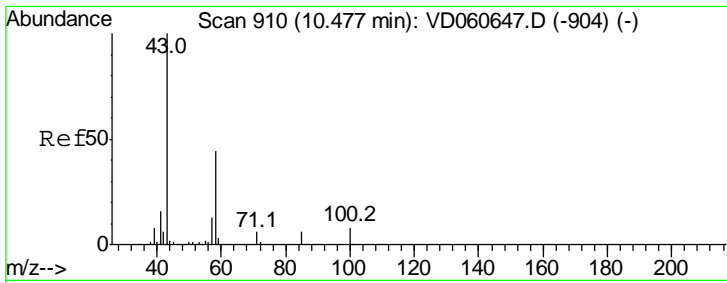
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 76 | 100 | | |
| 78 | 30.5 | 26.1 | 39.1 |



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.267 ug/l
 RT: 8.92 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63 | 100 | | |
| 106 | 26.6 | 22.4 | 33.6 |

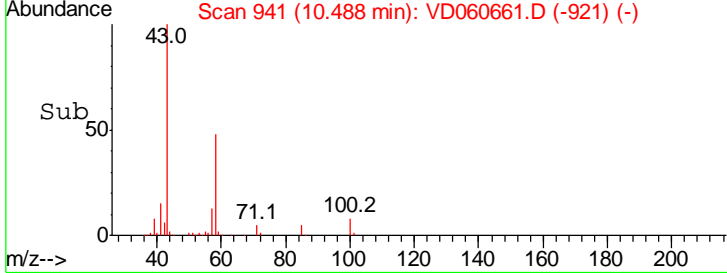
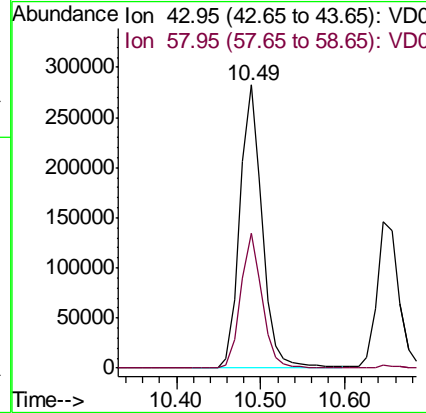
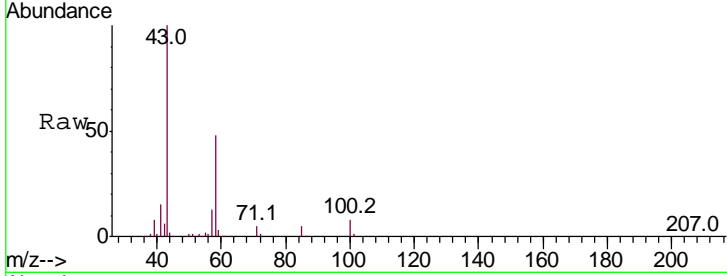




#59
 2-Hexanone
 Concen: 106.083 ug/l
 RT: 10.49 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

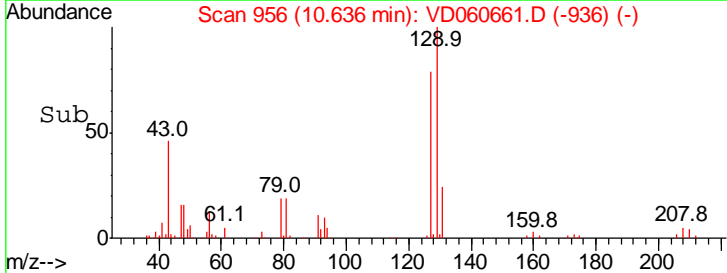
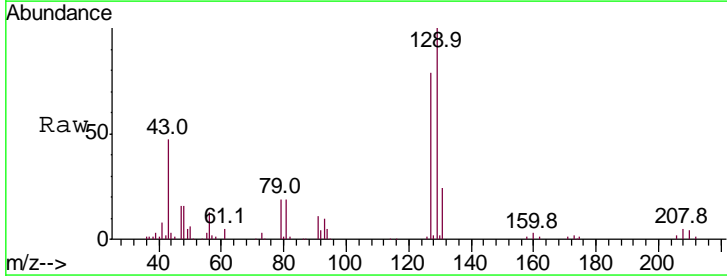
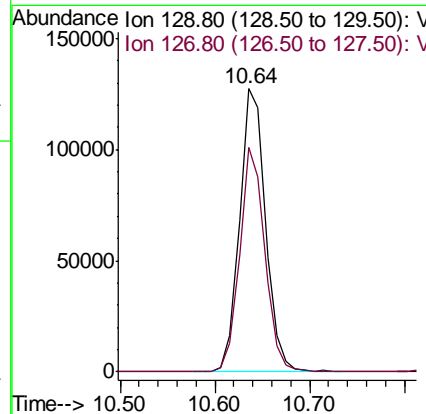
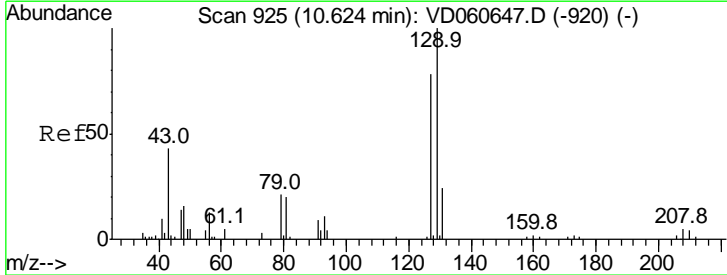
Instrument :
 MSVOA_D
 ClientSampled :

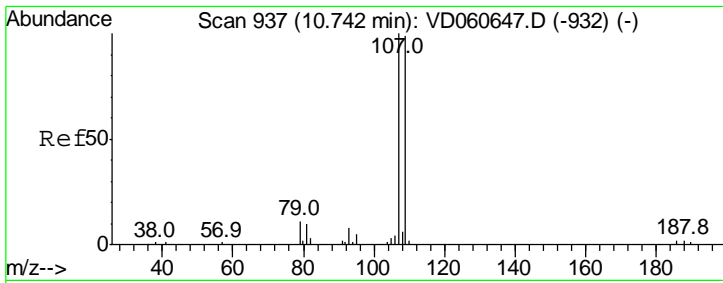
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43 | 100 | | |
| 58 | 47.8 | 23.5 | 70.5 |



#60
 Dibromochloromethane
 Concen: 20.542 ug/l
 RT: 10.64 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 129 | 100 | | |
| 127 | 79.2 | 37.6 | 112.9 |

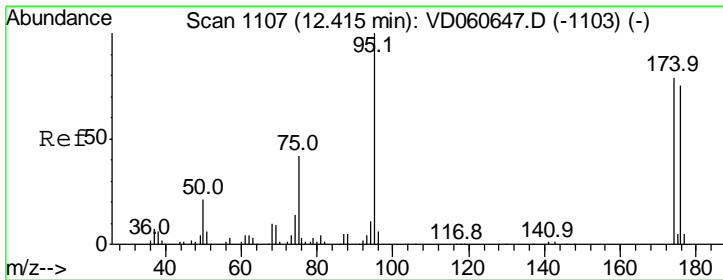
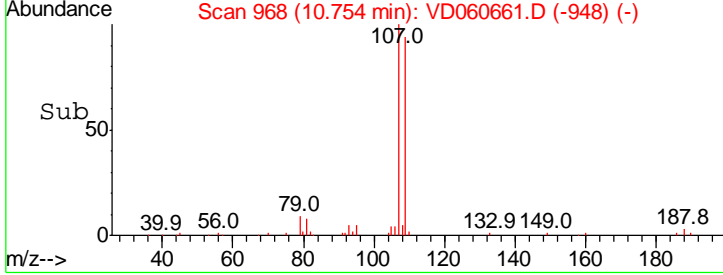
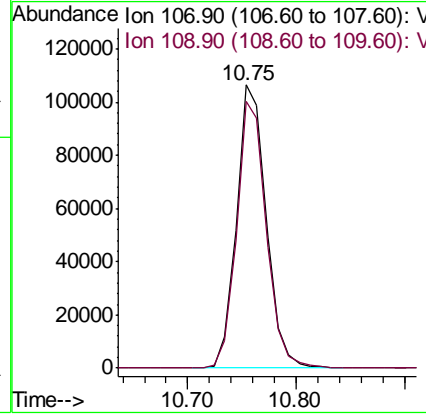
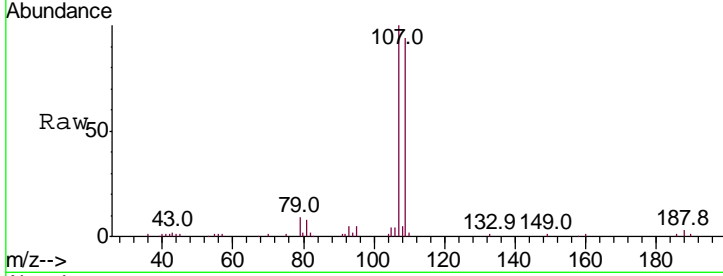




#61
 1,2-Dibromoethane
 Concen: 21.048 ug/l
 RT: 10.75 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

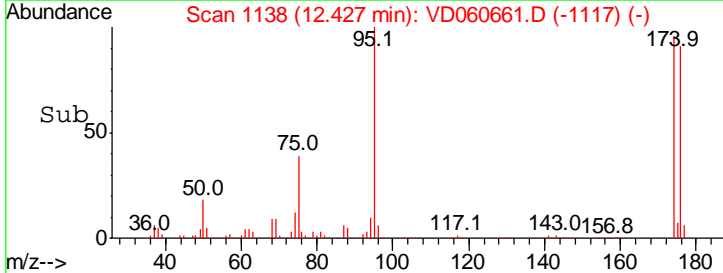
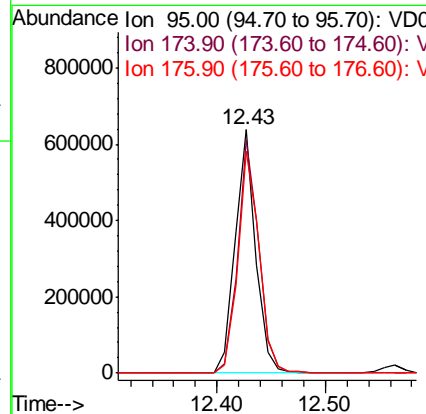
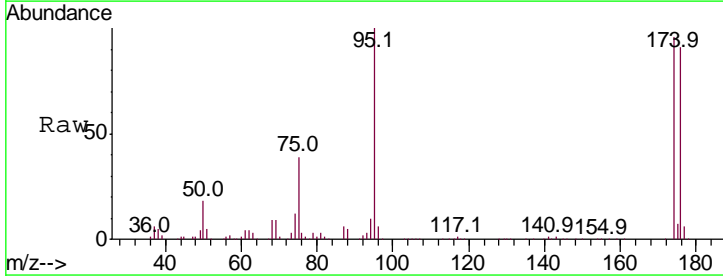
Instrument :
 MSVOA_D
 ClientSampled :

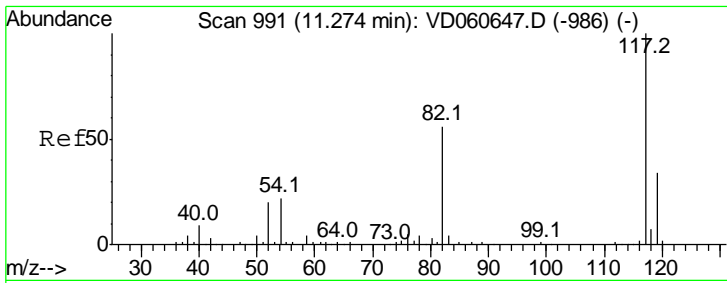
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 107 | 100 | | |
| 109 | 94.1 | 78.0 | 117.0 |



#62
 4-Bromofluorobenzene
 Concen: 21.048 ug/l
 RT: 12.43 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 95 | 100 | | |
| 174 | 96.0 | 0.0 | 158.2 |
| 176 | 91.0 | 0.0 | 152.4 |



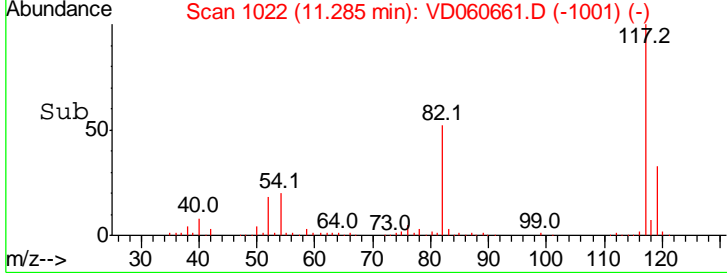
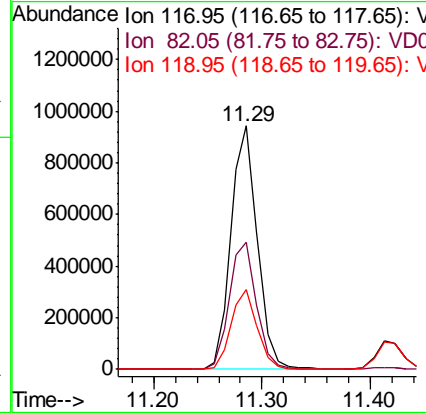
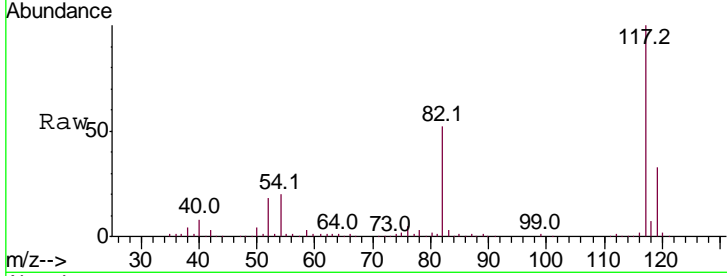


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.29 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion:117 Resp: 1595933

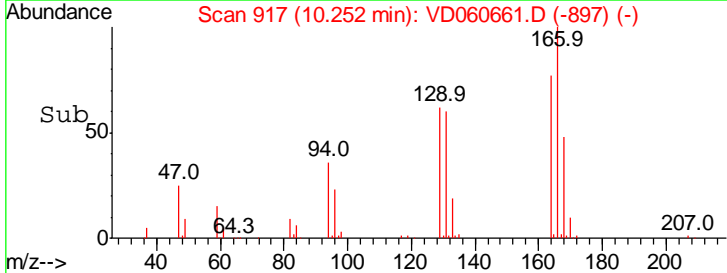
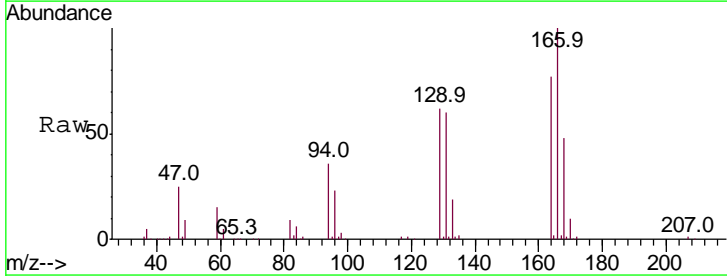
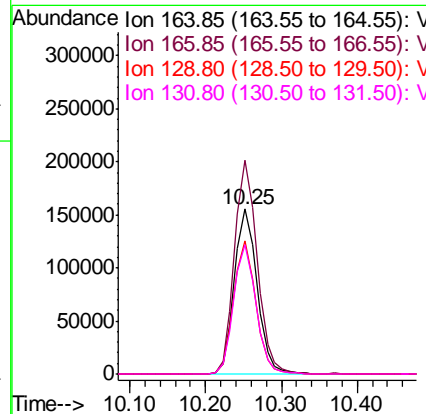
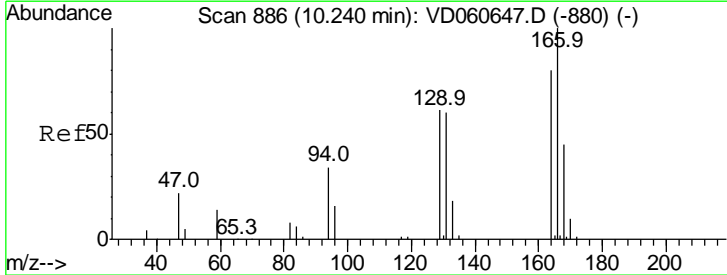
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 82 | 52.1 | 44.5 | 66.7 |
| 119 | 32.9 | 26.3 | 39.5 |

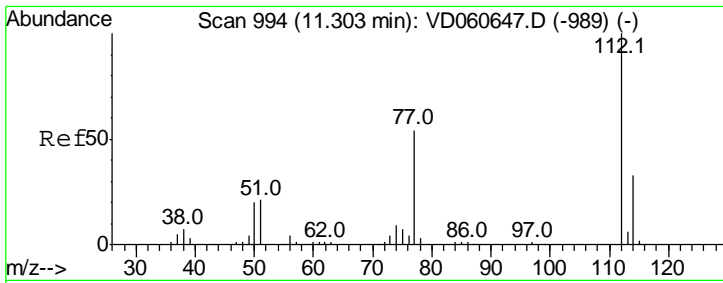


#64
 Tetrachloroethene
 Concen: 22.271 ug/l
 RT: 10.25 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion:164 Resp: 322152

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100 | | |
| 166 | 129.7 | 104.4 | 156.6 |
| 129 | 80.6 | 62.7 | 94.1 |
| 131 | 78.2 | 61.1 | 91.7 |

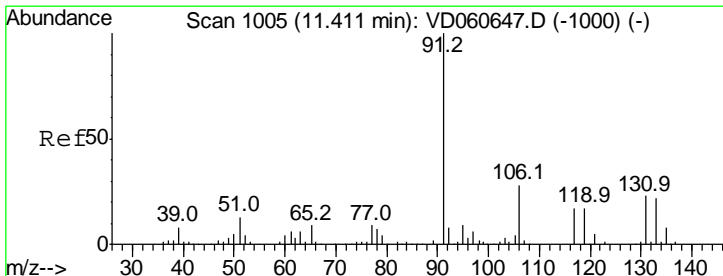
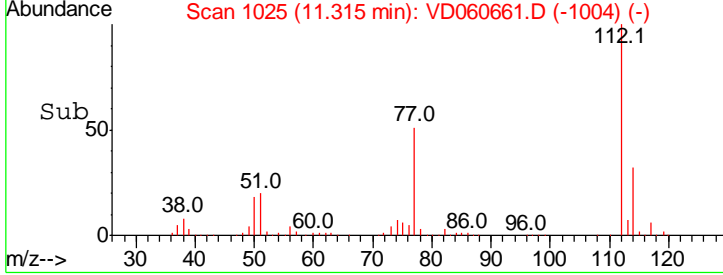
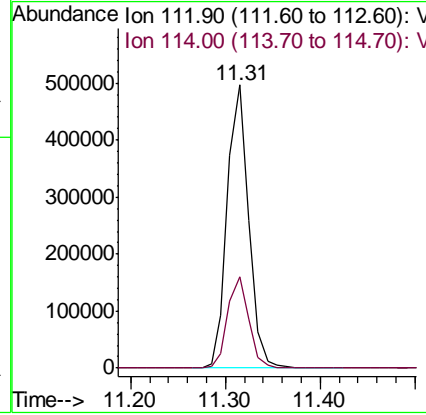
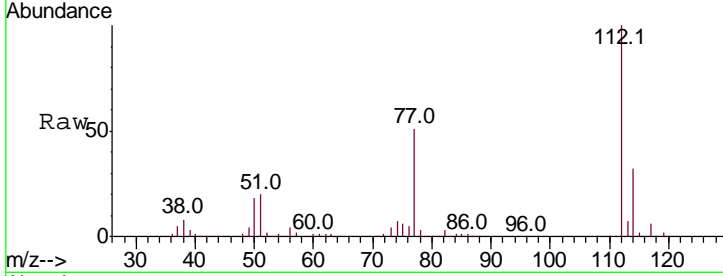




#65
 Chlorobenzene
 Concen: 22.129 ug/l
 RT: 11.31 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

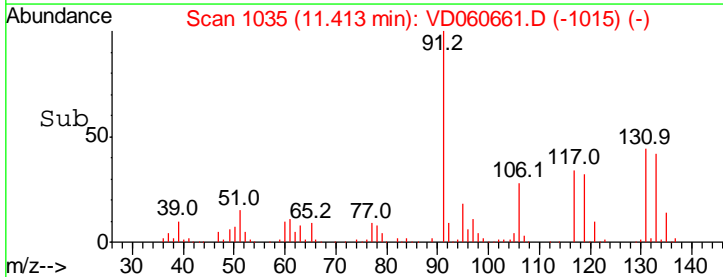
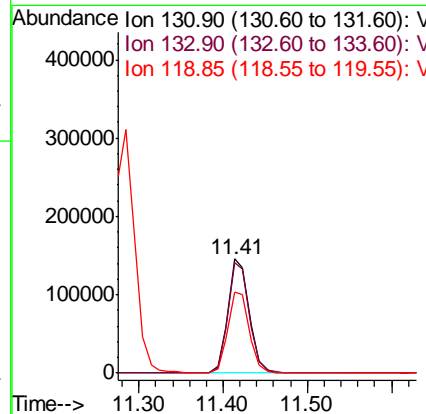
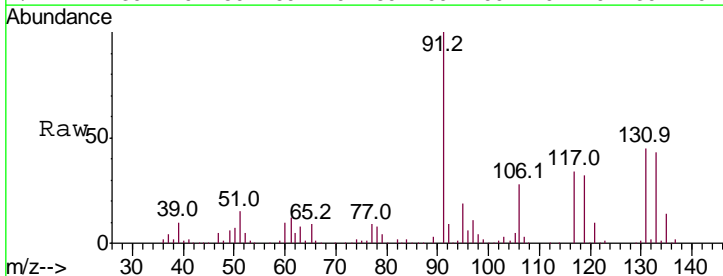
Instrument : MSVOA_D
 ClientSampled :

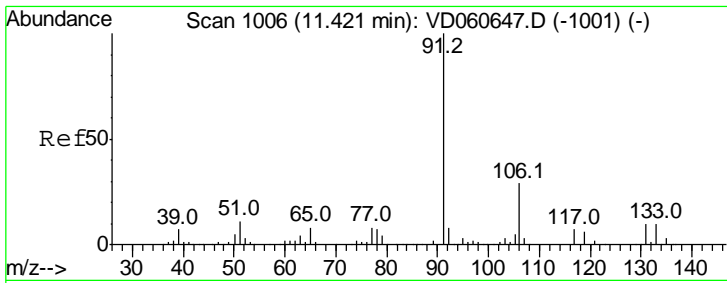
Tgt Ion: 112 Resp: 780277
 Ion Ratio Lower Upper
 112 100
 114 32.2 26.1 39.1



#66
 1,1,1,2-Tetrachloroethane
 Concen: 22.448 ug/l
 RT: 11.41 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 131 Resp: 254496
 Ion Ratio Lower Upper
 131 100
 133 96.8 49.1 147.3
 119 71.5 36.6 109.8

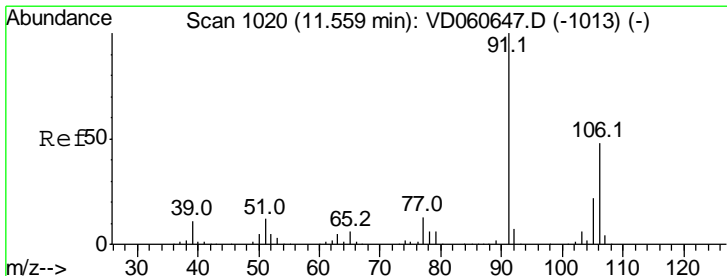
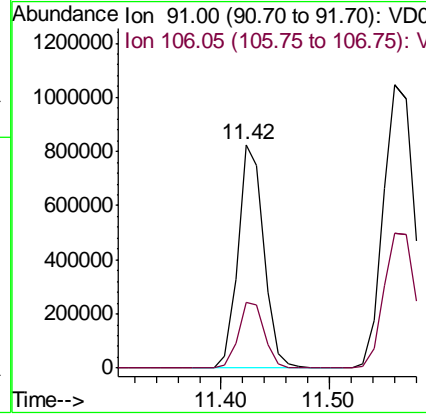
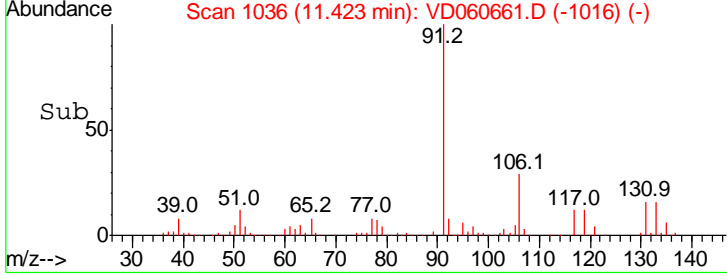
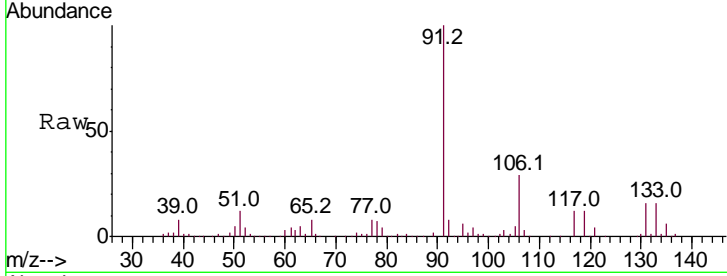




#67
Ethyl Benzene
Concen: 22.559 ug/l
RT: 11.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VD060661.D
Acq: 20 Dec 2018 16:33

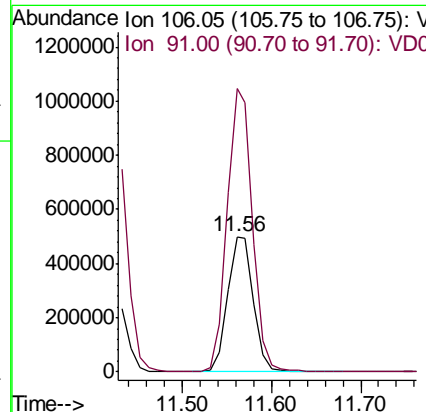
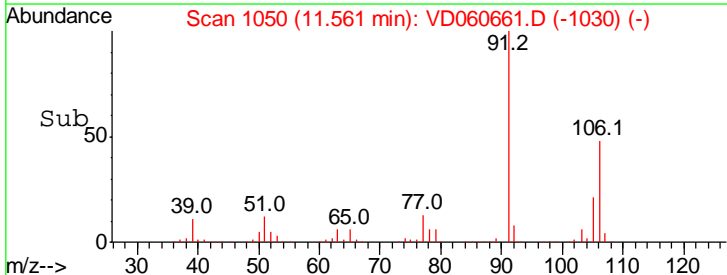
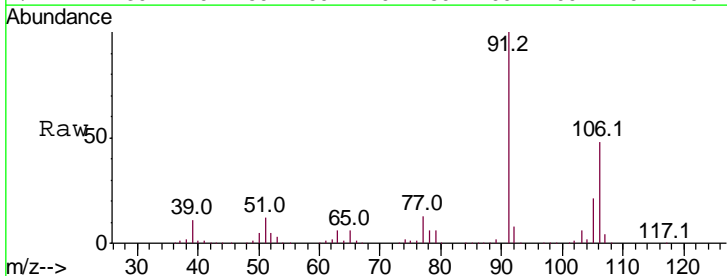
Instrument : MSVOA_D
Client Sampled :

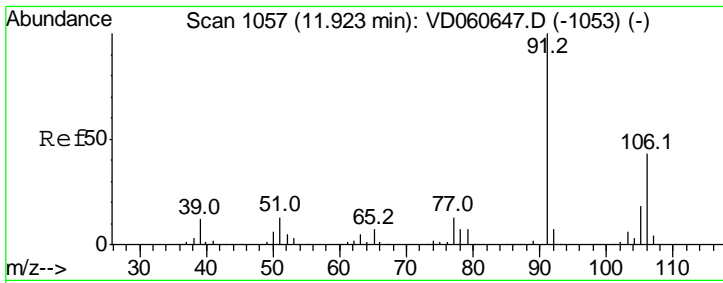
Tgt Ion: 91 Resp: 1362270
Ion Ratio Lower Upper
91 100
106 29.3 24.6 36.8



#68
m/p-Xylenes
Concen: 45.738 ug/l
RT: 11.56 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD060661.D
Acq: 20 Dec 2018 16:33

Tgt Ion: 106 Resp: 1009362
Ion Ratio Lower Upper
106 100
91 209.0 158.9 238.3

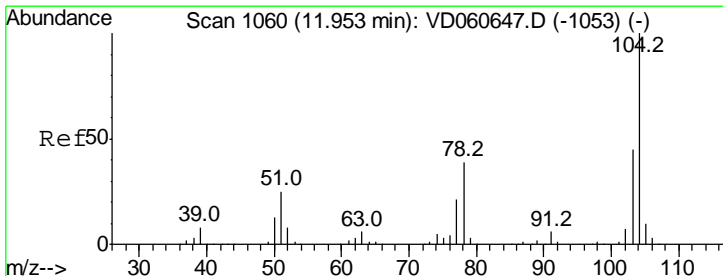
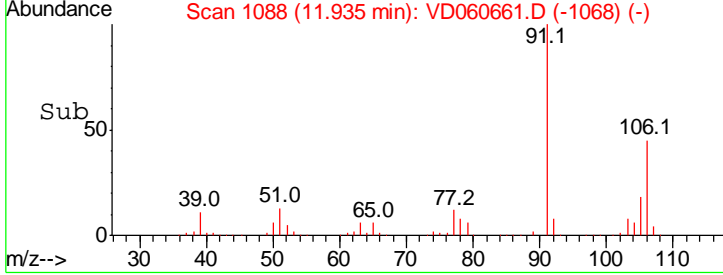
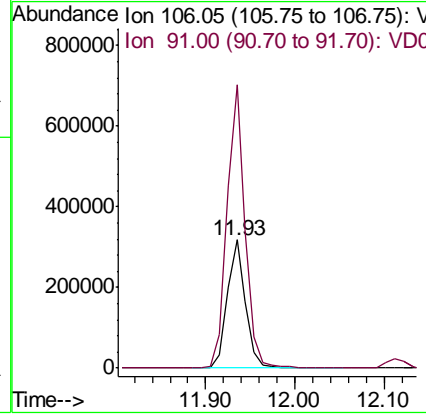
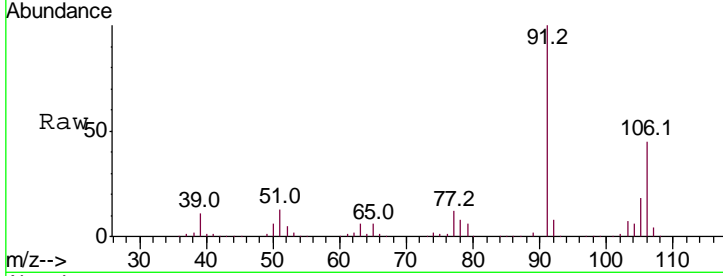




#69
 o-Xylene
 Concen: 21.950 ug/l
 RT: 11.93 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

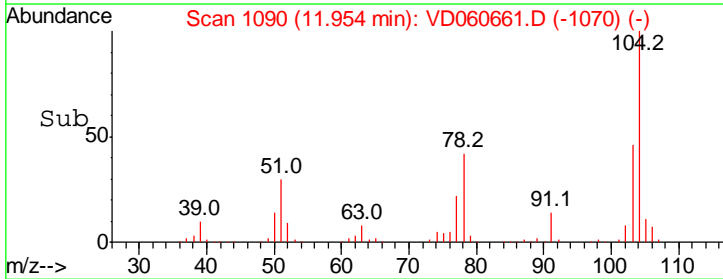
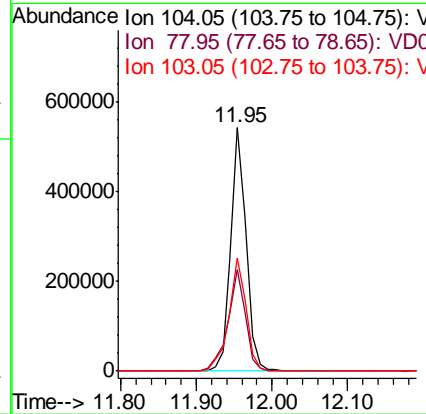
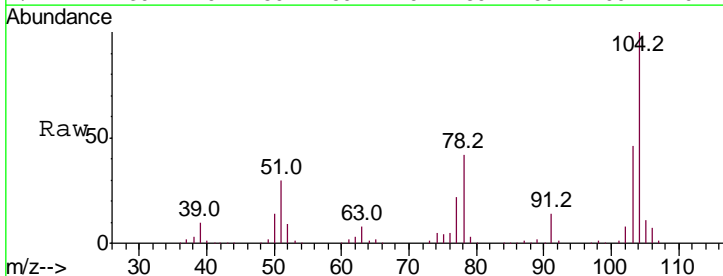
Instrument : MSVOA_D
 Client Sampled :

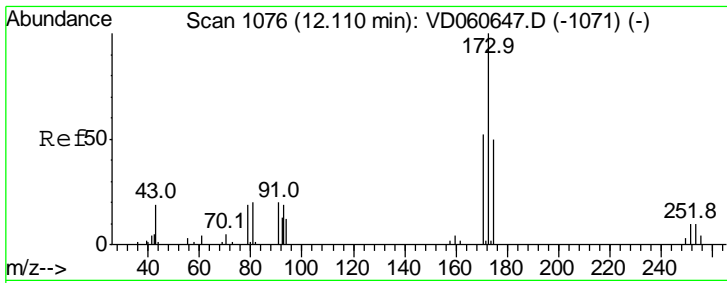
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 106 | 100 | | |
| 91 | 220.4 | 101.5 | 304.5 |



#70
 Styrene
 Concen: 22.631 ug/l
 RT: 11.95 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 104 | 100 | | |
| 78 | 41.8 | 31.4 | 47.2 |
| 103 | 46.4 | 37.5 | 56.3 |

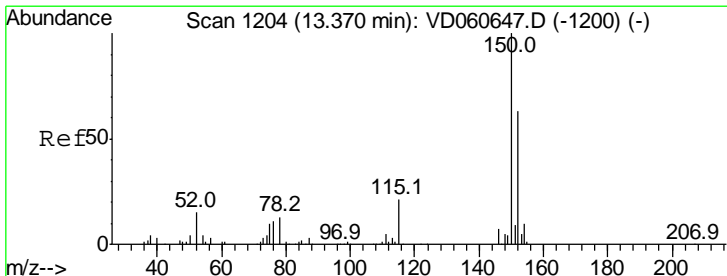
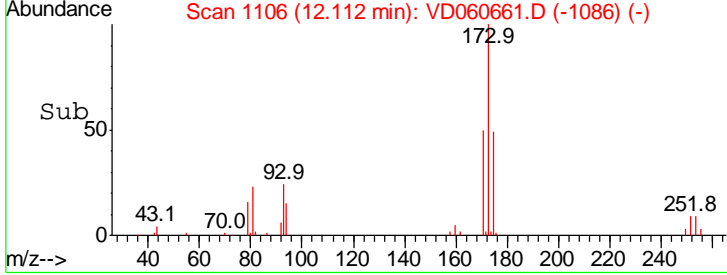
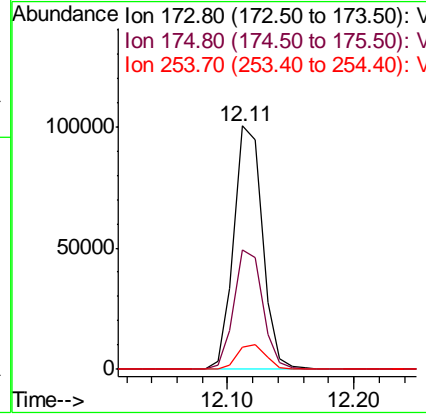
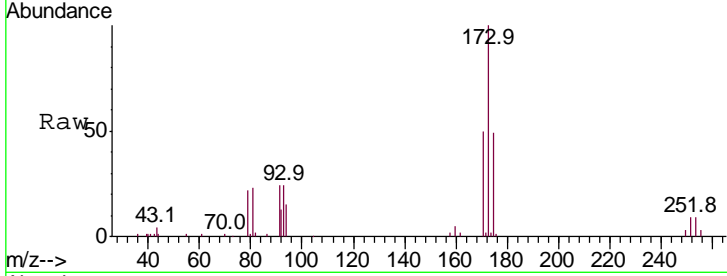




#71
 Bromoform
 Concen: 20.996 ug/l
 RT: 12.11 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

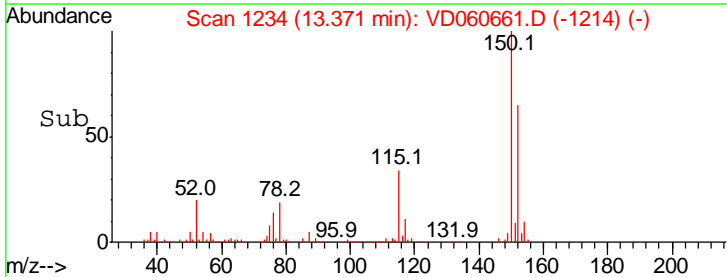
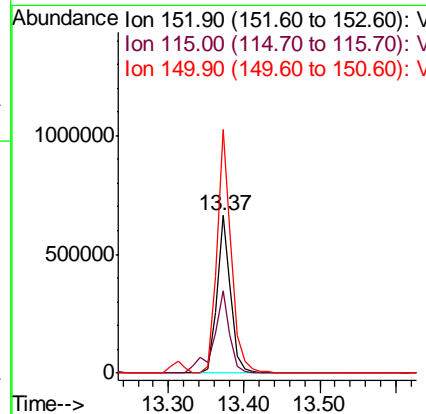
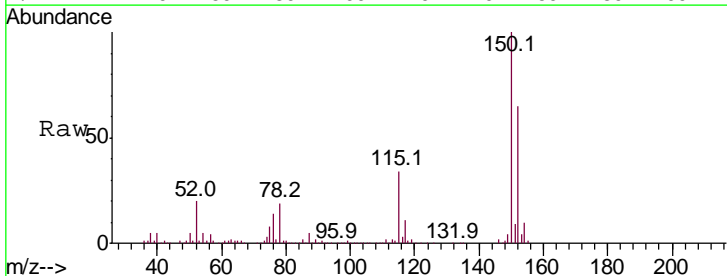
Instrument :
 MSVOA_D
 ClientSampled :

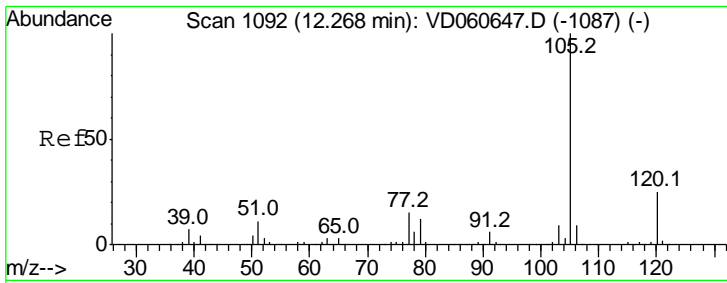
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 173 | 100 | | |
| 175 | 49.3 | 25.5 | 76.5 |
| 254 | 9.2 | 7.9 | 11.9 |



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 152 | 100 | | |
| 115 | 52.0 | 24.1 | 72.3 |
| 150 | 154.3 | 0.0 | 315.0 |



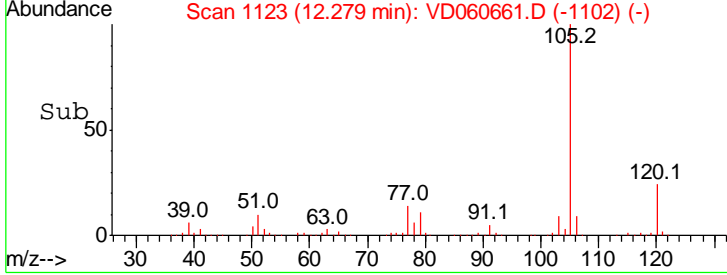
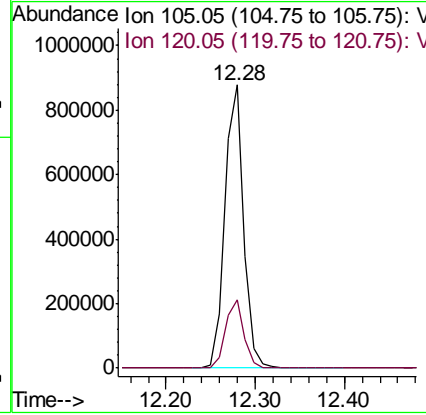
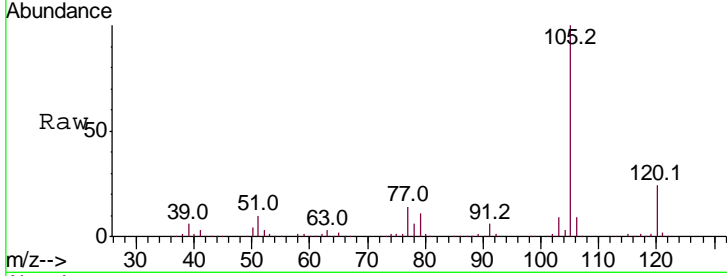


#73
 Isopropylbenzene
 Concen: 21.729 ug/l
 RT: 12.28 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 105 Resp: 1301167

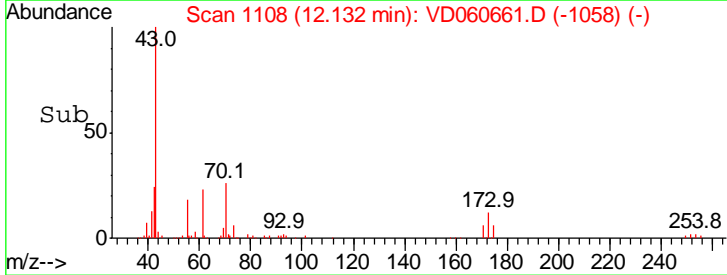
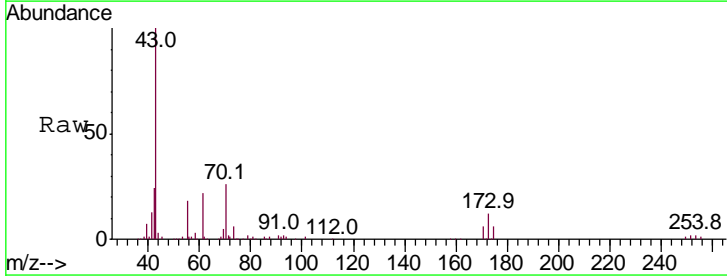
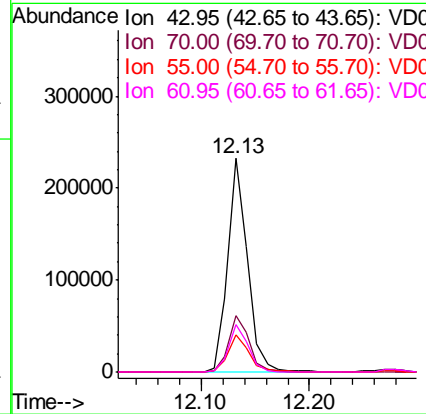
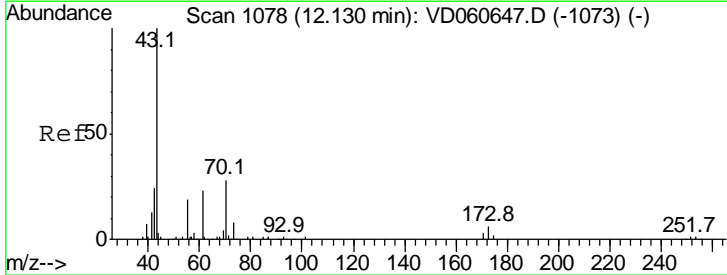
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 120 | 24.2 | 12.2 | 36.4 |

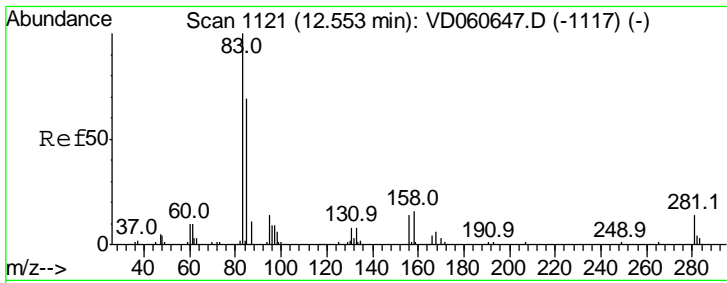


#74
 N-amyl acetate
 Concen: 20.908 ug/l
 RT: 12.13 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 43 Resp: 295486

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43 | 100 | | |
| 70 | 26.1 | 22.2 | 33.2 |
| 55 | 17.5 | 13.8 | 20.8 |
| 61 | 22.5 | 18.2 | 27.2 |

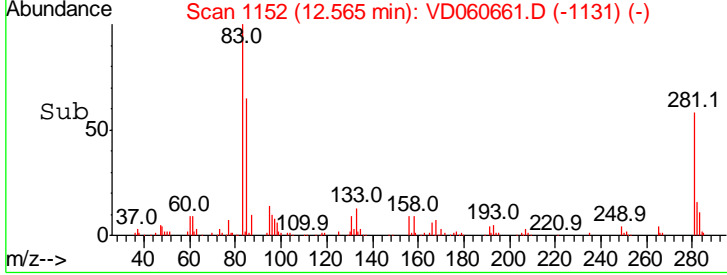
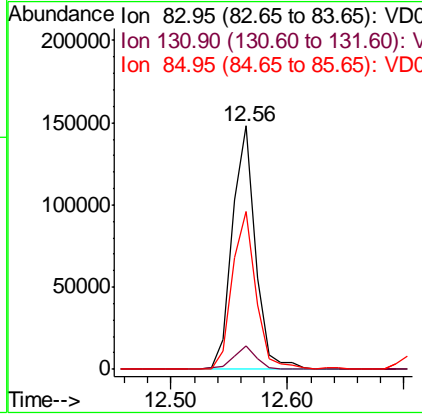
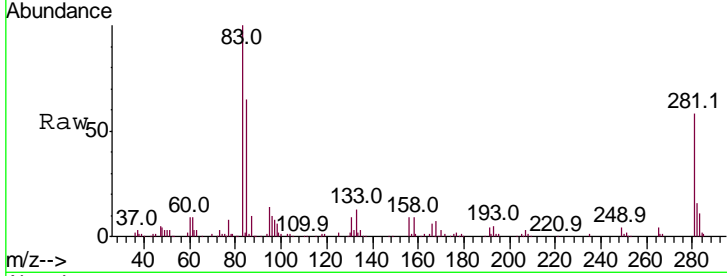




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.027 ug/l
 RT: 12.56 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

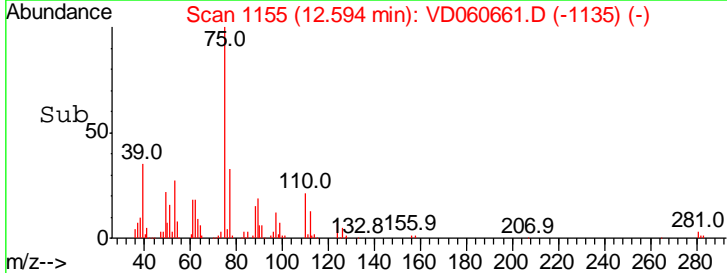
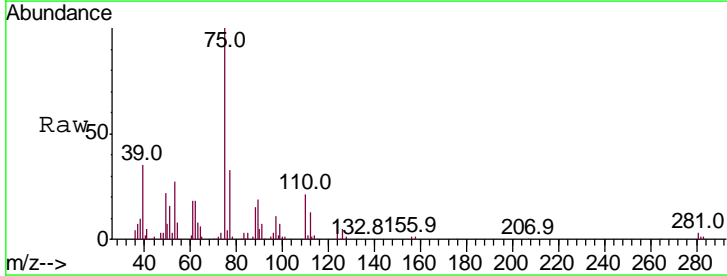
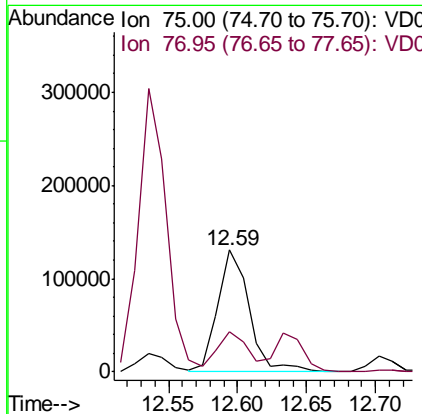
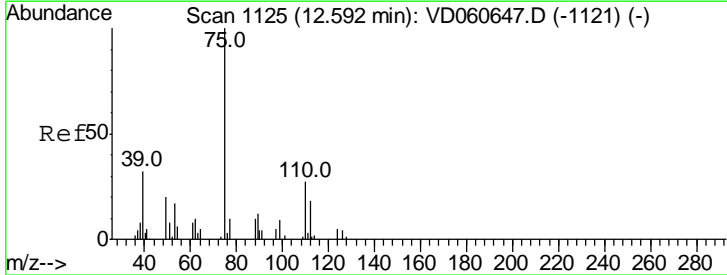
Instrument :
 MSVOA_D
 ClientSampled :

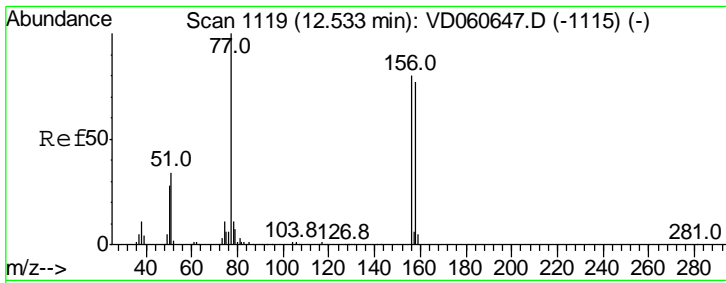
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83 | 100 | | |
| 131 | 9.4 | 4.2 | 12.4 |
| 85 | 65.0 | 32.6 | 97.7 |



#76
 1,2,3-Trichloropropane
 Concen: 21.627 ug/l
 RT: 12.59 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75 | 100 | | |
| 77 | 33.3 | 16.7 | 50.0 |

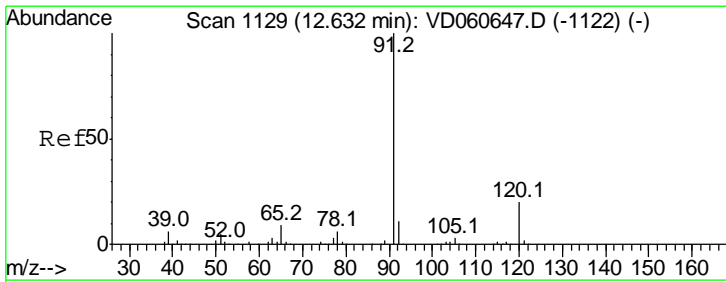
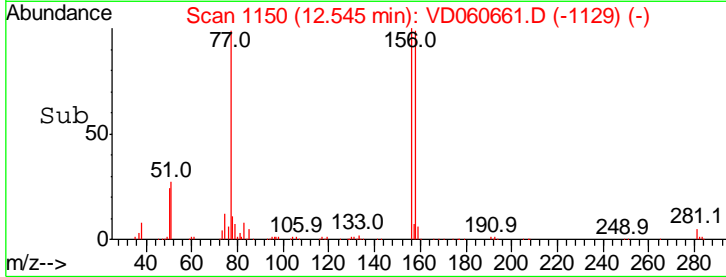
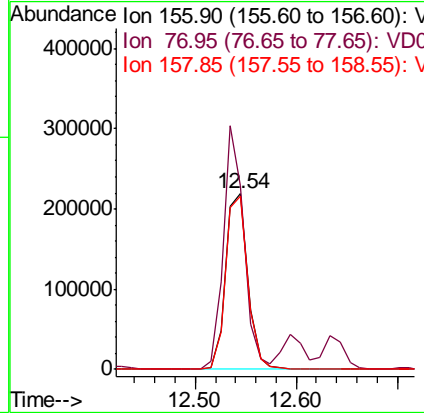
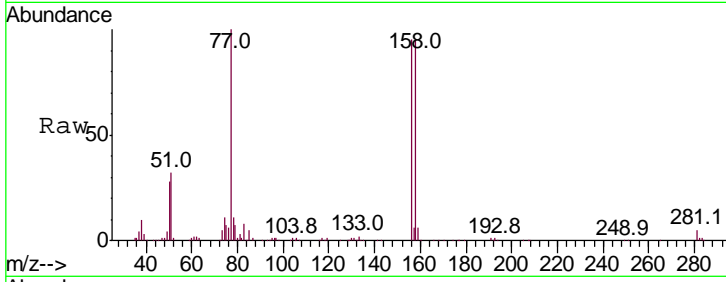




#77
 Bromobenzene
 Concen: 21.258 ug/l
 RT: 12.54 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

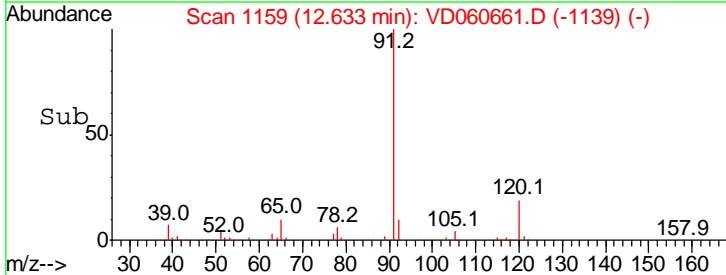
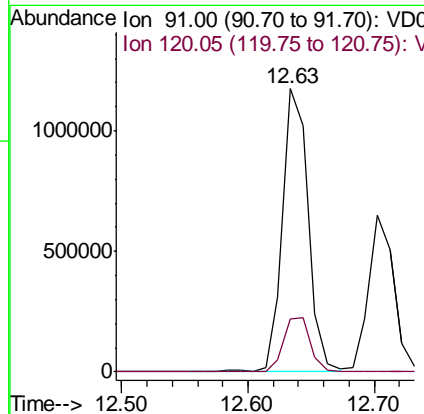
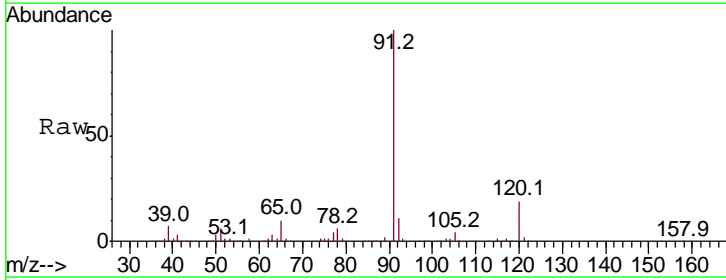
Instrument :
 MSVOA_D
 ClientSampled :

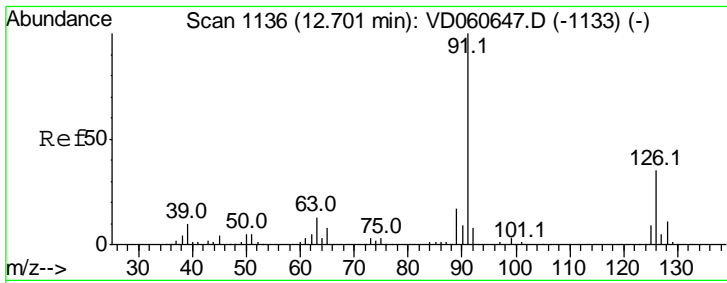
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 156 | 100 | | |
| 77 | 104.8 | 61.3 | 183.9 |
| 158 | 99.2 | 48.9 | 146.6 |



#78
 n-propylbenzene
 Concen: 21.825 ug/l
 RT: 12.63 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 120 | 18.9 | 10.4 | 31.2 |

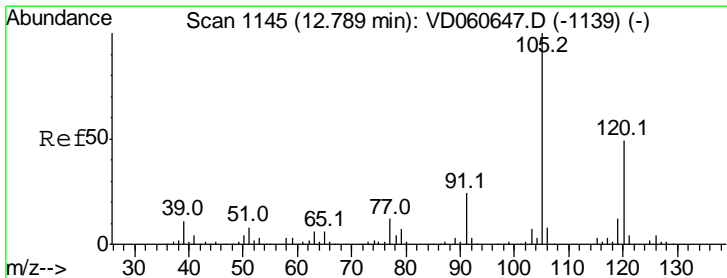
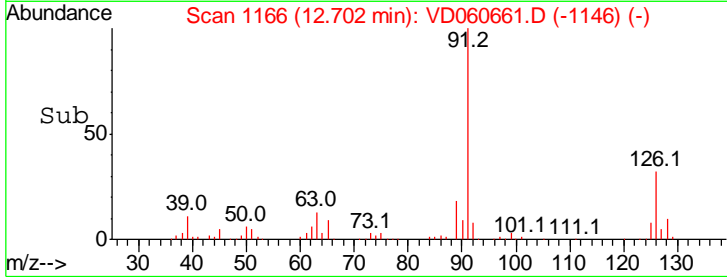
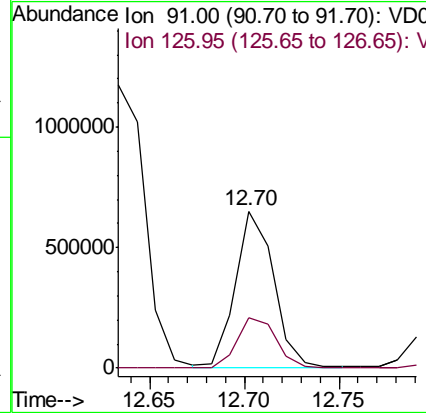
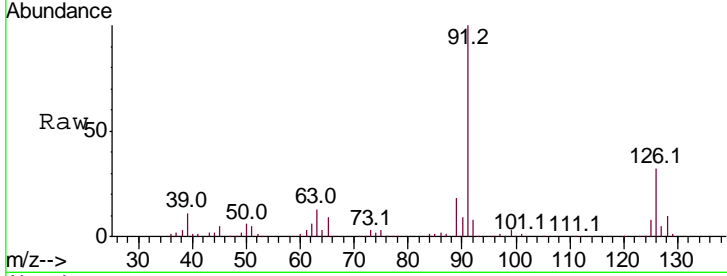




#79
 2-Chlorotoluene
 Concen: 22.140 ug/l
 RT: 12.70 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

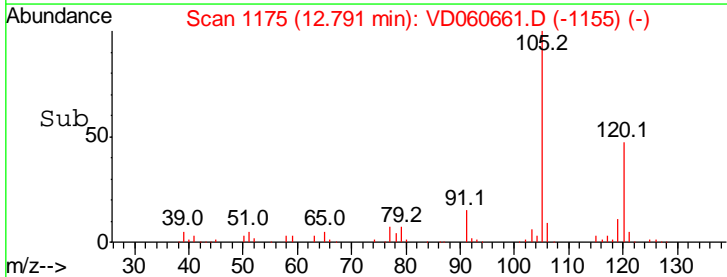
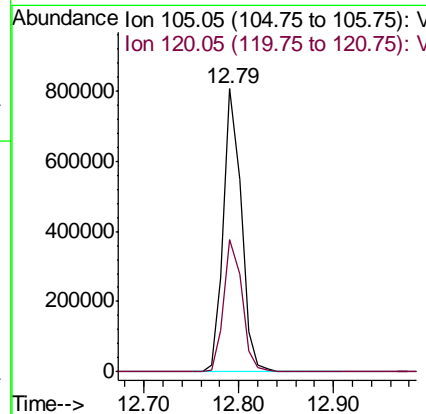
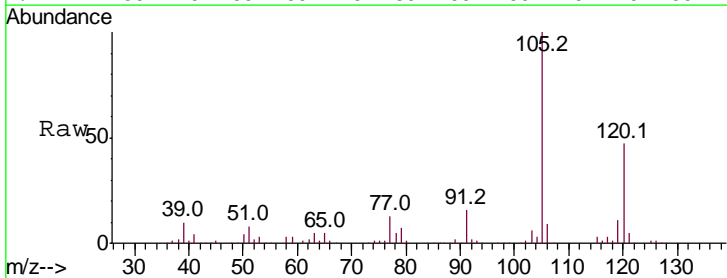
Instrument :
 MSVOA_D
 ClientSampled :

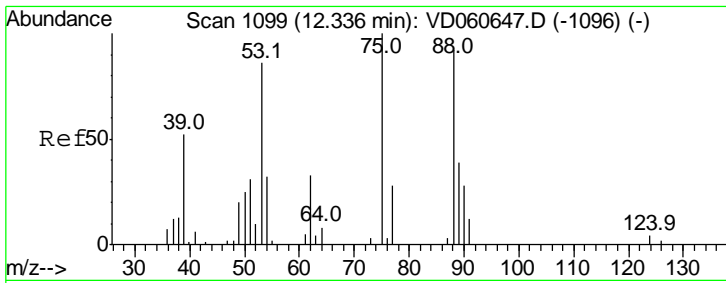
Tgt Ion: 91 Resp: 907813
 Ion Ratio Lower Upper
 91 100
 126 31.9 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 22.770 ug/l
 RT: 12.79 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 105 Resp: 1052883
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.8 74.4

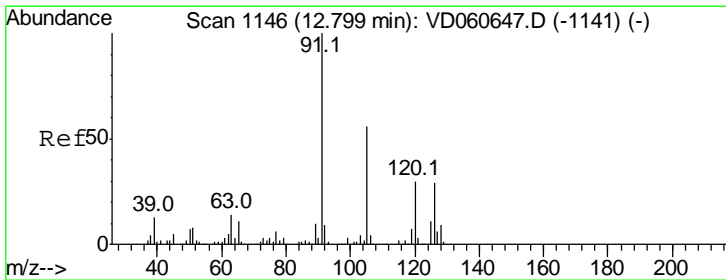
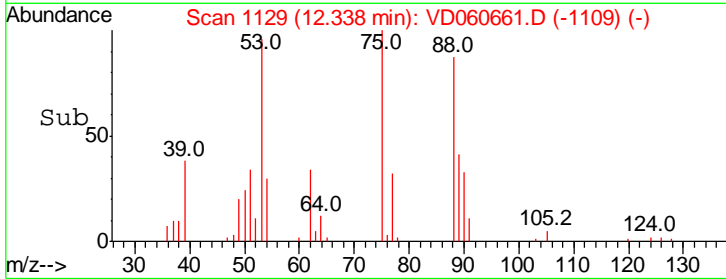
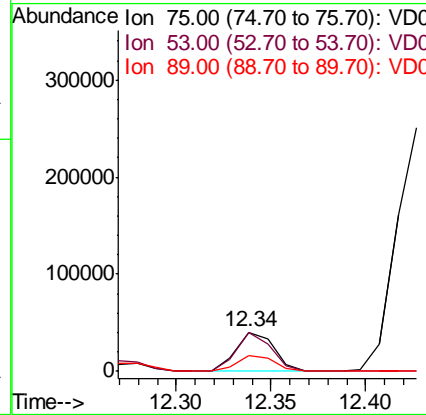
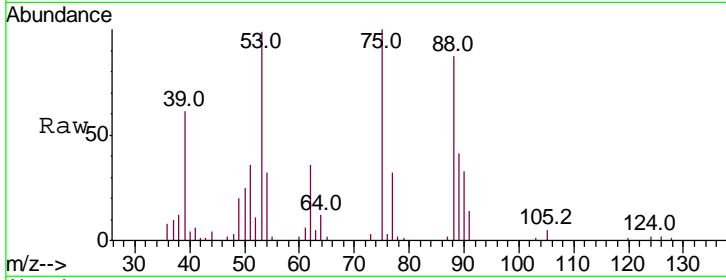




#81
 trans-1,4-Dichloro-2-butene
 Concen: 21.434 ug/l
 RT: 12.34 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

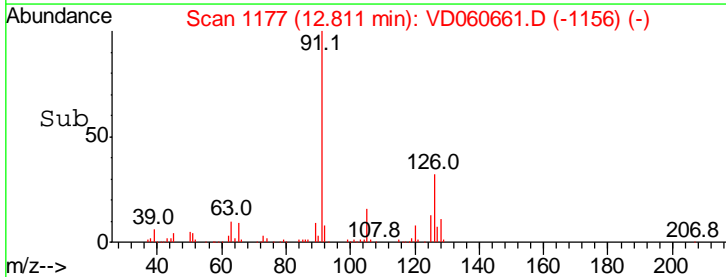
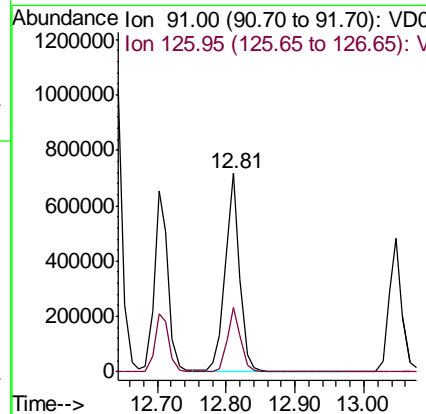
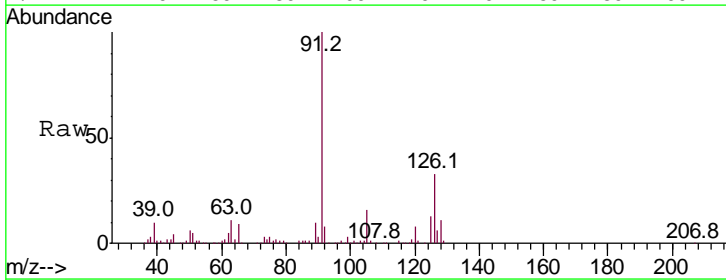
Instrument :
 MSVOA_D
 ClientSampled :

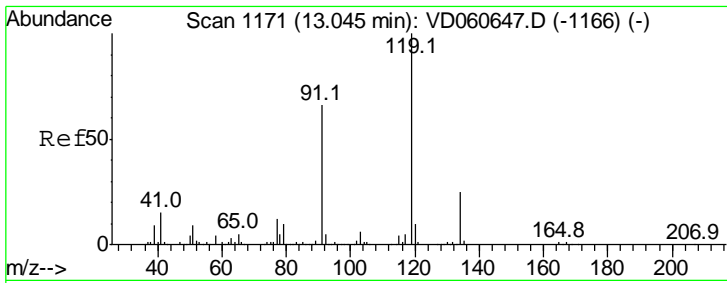
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75 | 100 | | |
| 53 | 99.0 | 72.1 | 108.1 |
| 89 | 40.6 | 35.1 | 52.7 |



#82
 4-Chlorotoluene
 Concen: 22.292 ug/l
 RT: 12.81 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91 | 100 | | |
| 126 | 32.5 | 14.6 | 43.8 |



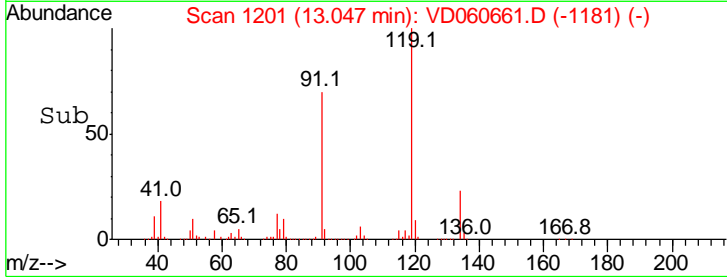
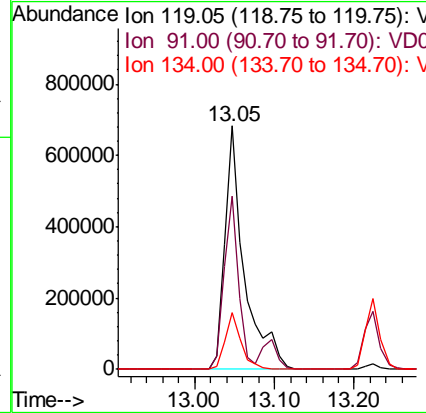
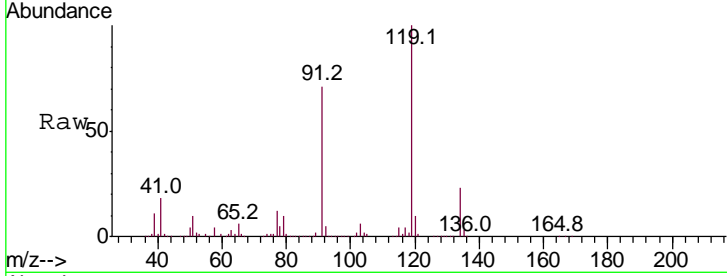


#83
 tert-Butylbenzene
 Concen: 22.322 ug/l
 RT: 13.05 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument : MSVOA_D
 ClientSampled :

Tgt Ion:119 Resp: 1174660

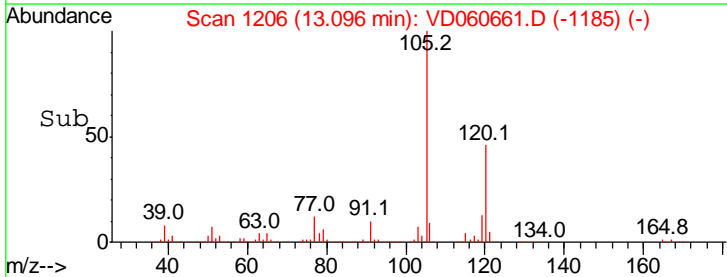
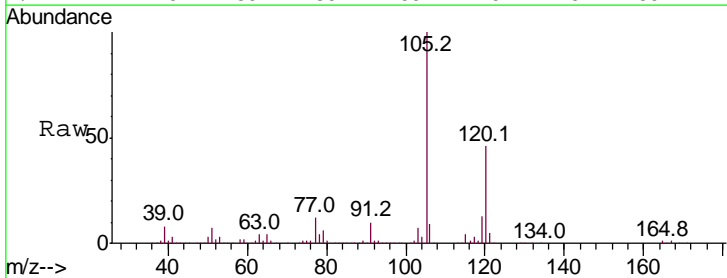
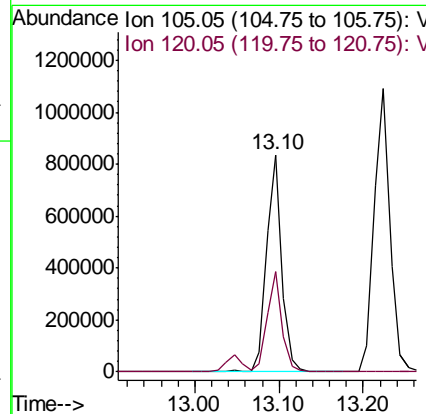
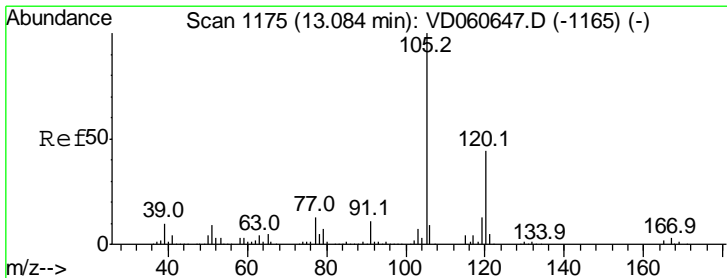
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100 | | |
| 91 | 70.9 | 32.5 | 97.4 |
| 134 | 23.3 | 11.9 | 35.9 |

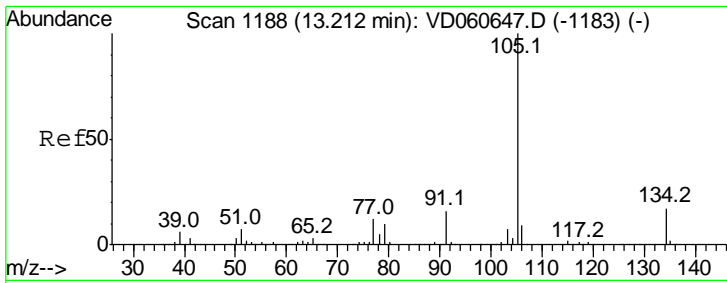


#84
 1,2,4-Trimethylbenzene
 Concen: 22.500 ug/l
 RT: 13.10 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion:105 Resp: 1071532

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 120 | 46.2 | 22.4 | 67.0 |



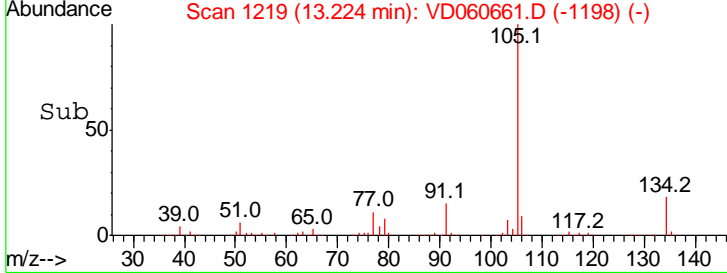
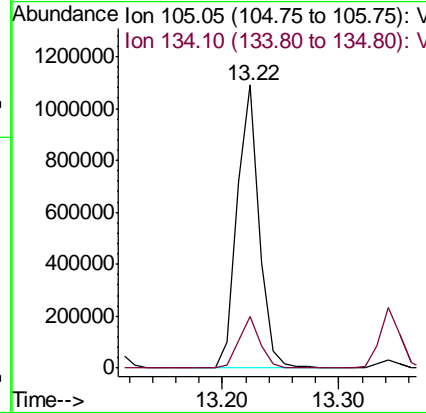
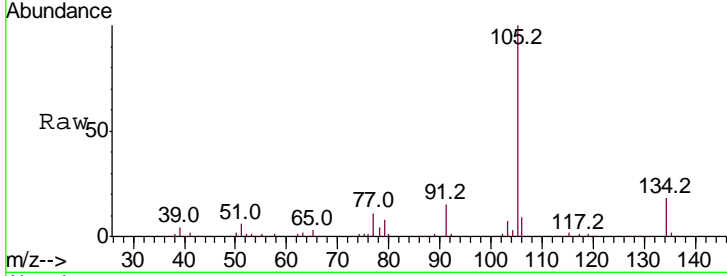


#85
 sec-Butylbenzene
 Concen: 22.143 ug/l
 RT: 13.22 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument : MSVOA_D
 ClientSampled :

Tgt Ion:105 Resp: 1421096

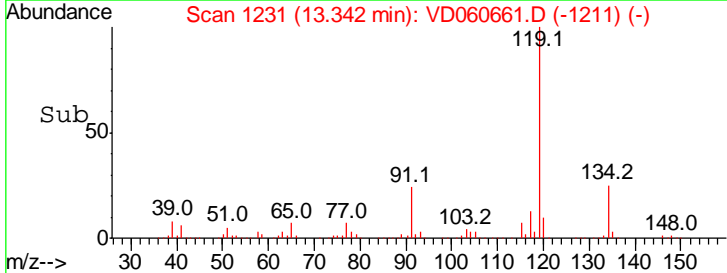
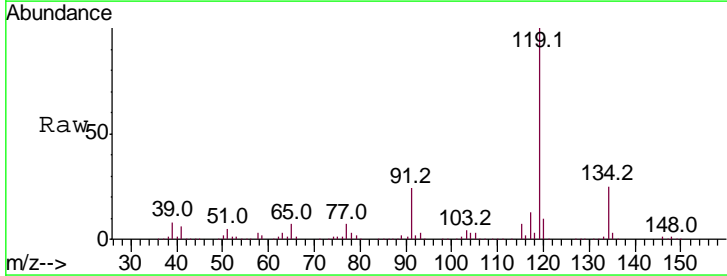
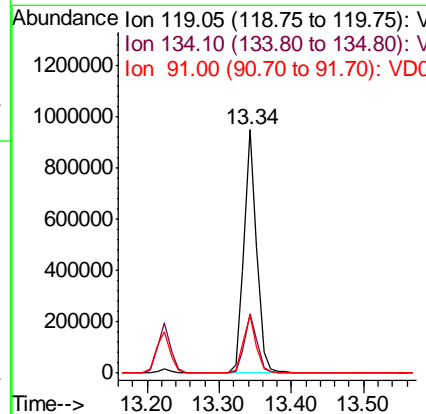
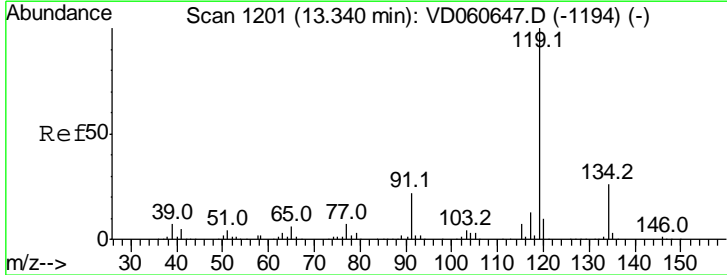
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 134 | 18.1 | 8.2 | 24.4 |

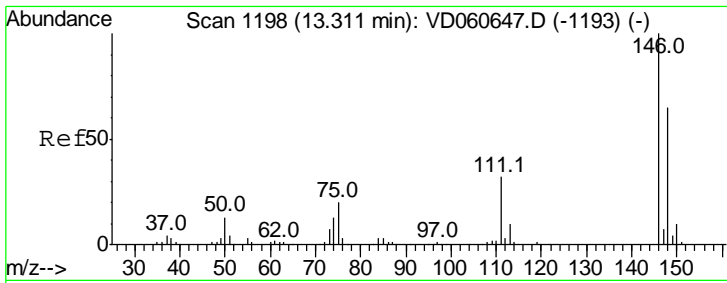


#86
 p-Isopropyltoluene
 Concen: 22.642 ug/l
 RT: 13.34 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion:119 Resp: 1172947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100 | | |
| 134 | 24.5 | 12.5 | 37.5 |
| 91 | 24.1 | 11.4 | 34.2 |

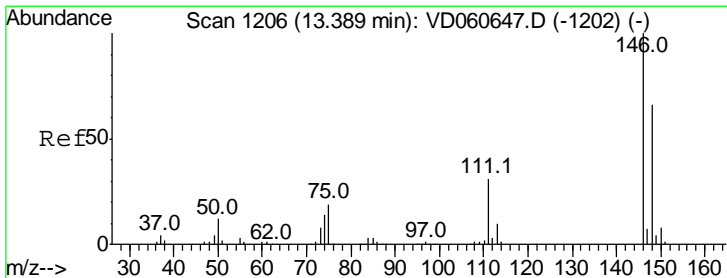
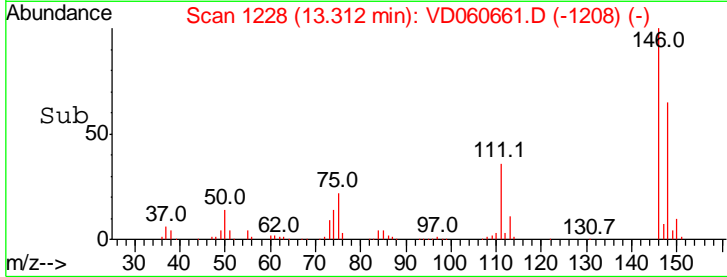
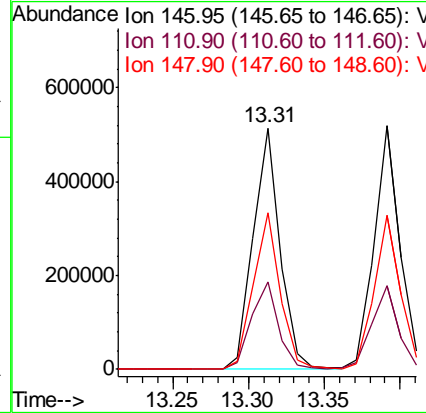
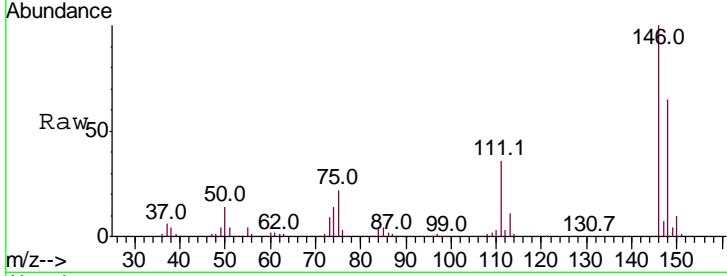




#87
 1,3-Dichlorobenzene
 Concen: 22.027 ug/l
 RT: 13.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

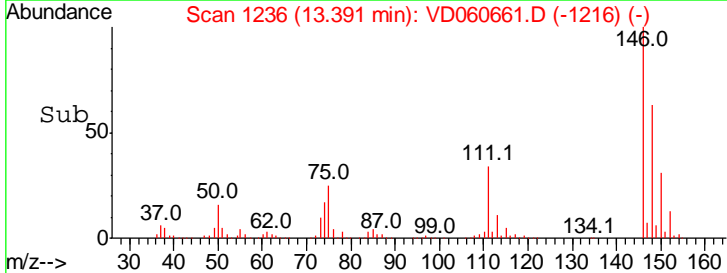
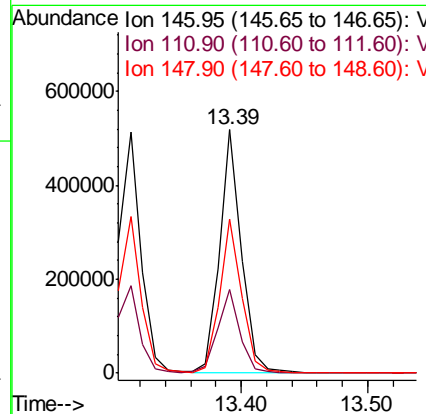
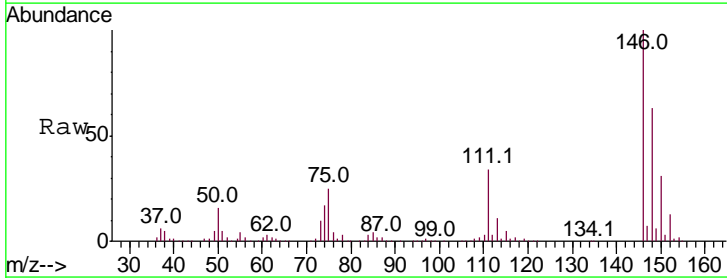
Instrument :
 MSVOA_D
 ClientSampled :

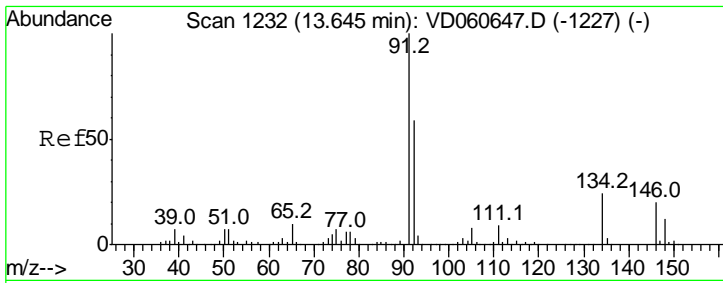
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 36.2 | 16.6 | 49.8 |
| 148 | 64.8 | 32.6 | 97.8 |



#88
 1,4-Dichlorobenzene
 Concen: 21.779 ug/l
 RT: 13.39 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 34.3 | 16.2 | 48.5 |
| 148 | 63.3 | 32.7 | 98.1 |



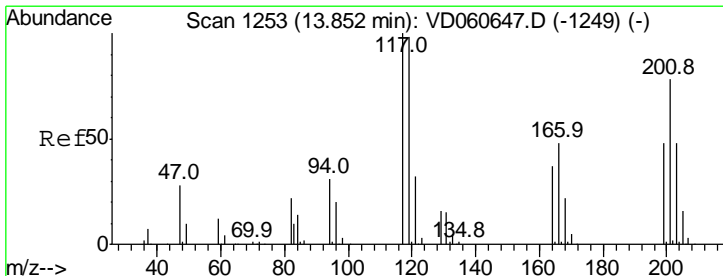
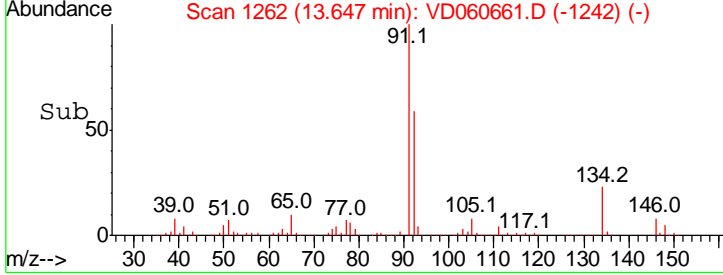
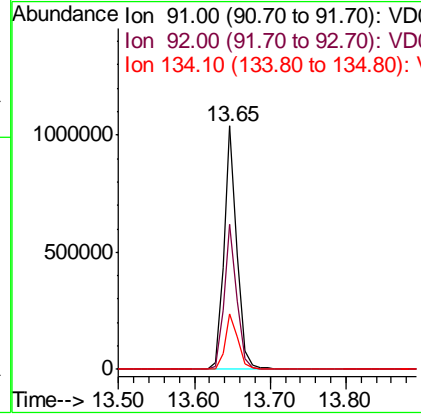
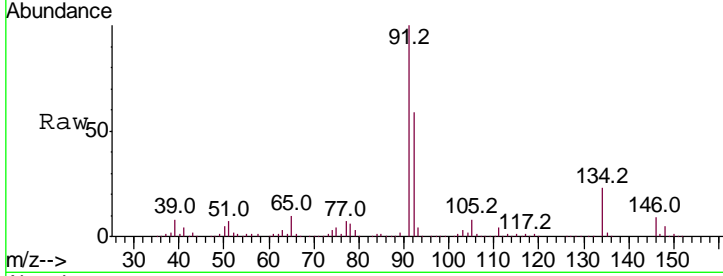


#89
 n-Butylbenzene
 Concen: 23.507 ug/l
 RT: 13.65 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion: 91 Resp: 1244443

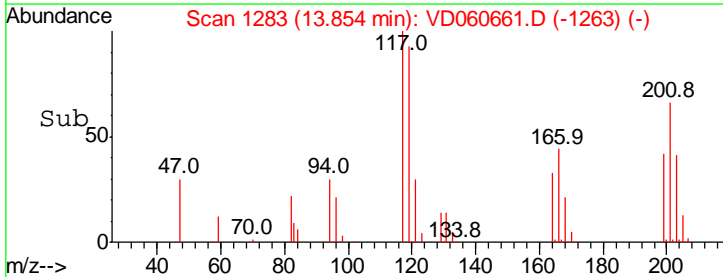
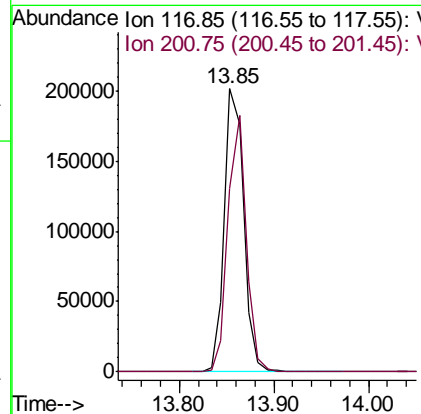
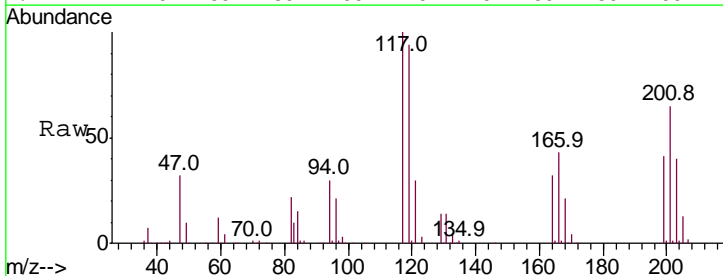
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91 | 100 | | |
| 92 | 59.4 | 29.7 | 89.1 |
| 134 | 23.0 | 12.7 | 38.1 |

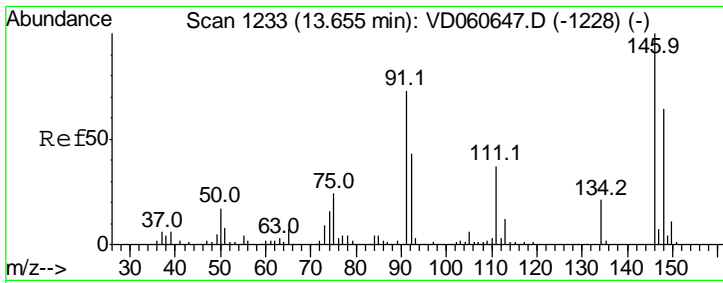


#90
 Hexachloroethane
 Concen: 22.440 ug/l
 RT: 13.85 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Tgt Ion: 117 Resp: 285582

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 201 | 64.8 | 42.6 | 127.8 |

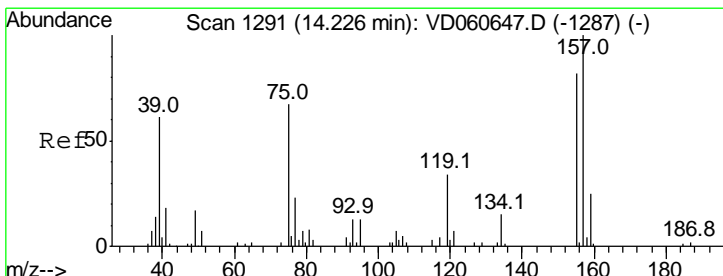
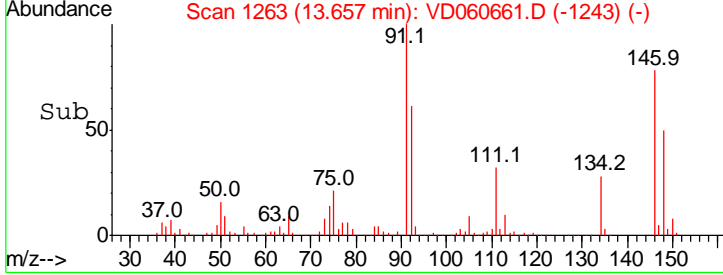
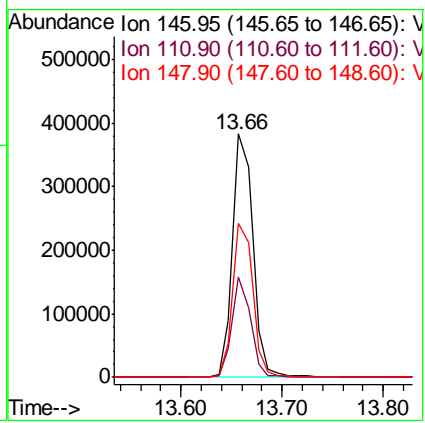
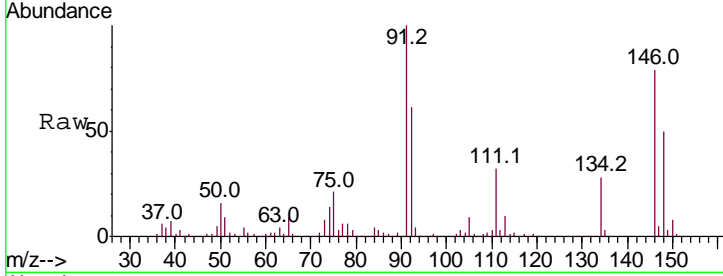




#91
 1,2-Dichlorobenzene
 Concen: 22.942 ug/l
 RT: 13.66 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

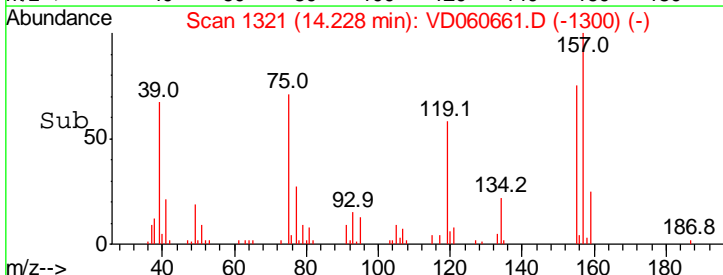
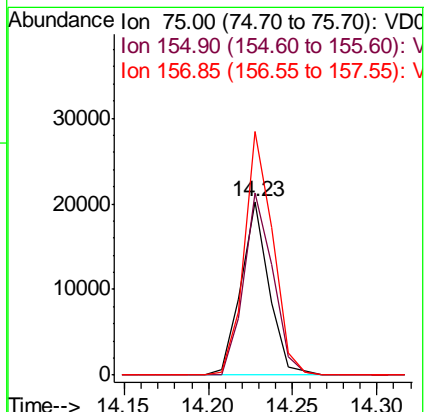
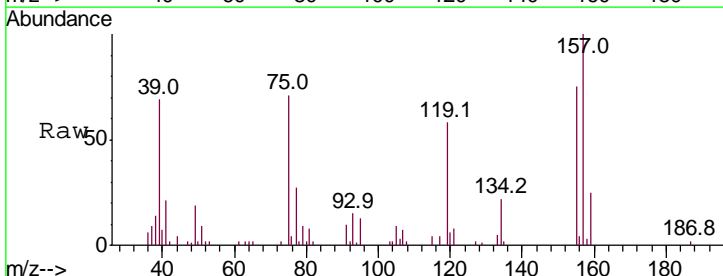
Instrument :
 MSVOA_D
 ClientSampled :

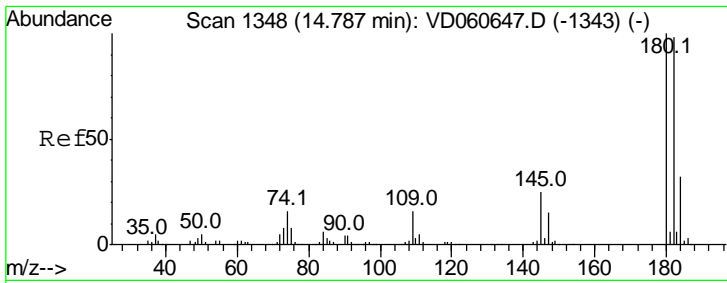
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146 | 100 | | |
| 111 | 41.0 | 19.3 | 57.9 |
| 148 | 63.1 | 31.9 | 95.9 |



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.518 ug/l
 RT: 14.23 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 75 | 100 | | |
| 155 | 105.2 | 41.1 | 123.4 |
| 157 | 140.5 | 52.5 | 157.6 |

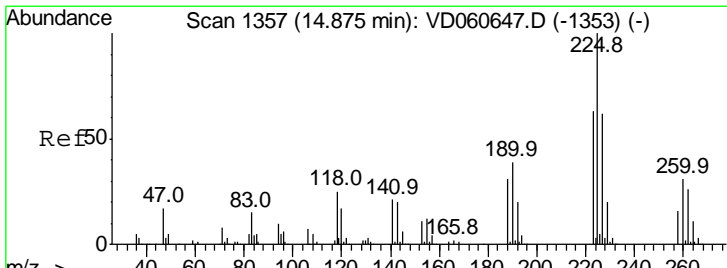
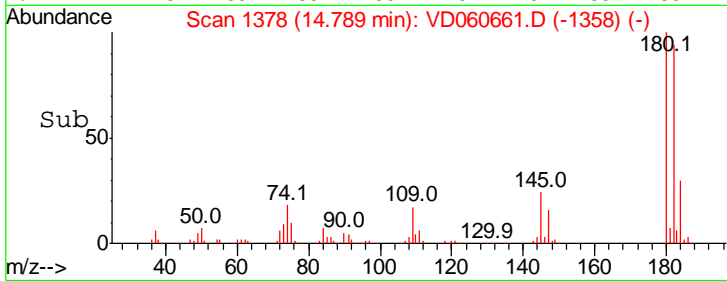
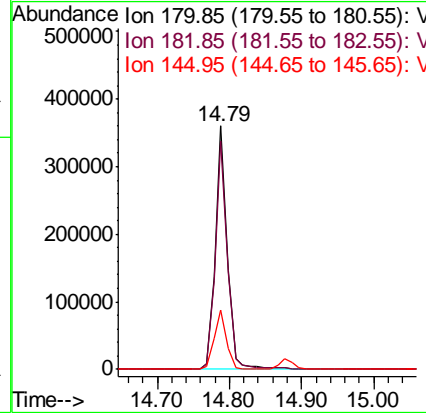
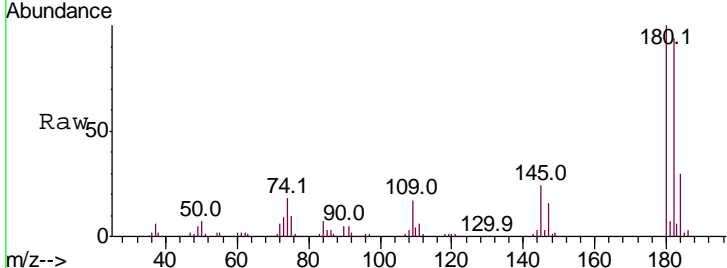




#93
 1,2,4-Trichlorobenzene
 Concen: 22.261 ug/l
 RT: 14.79 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

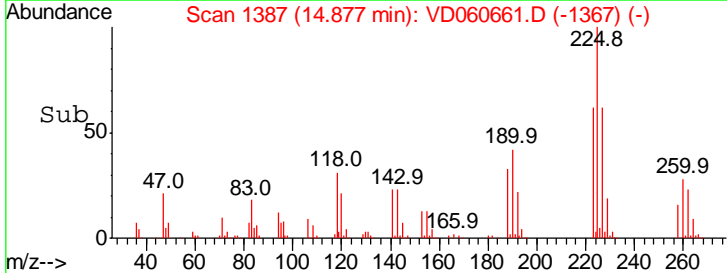
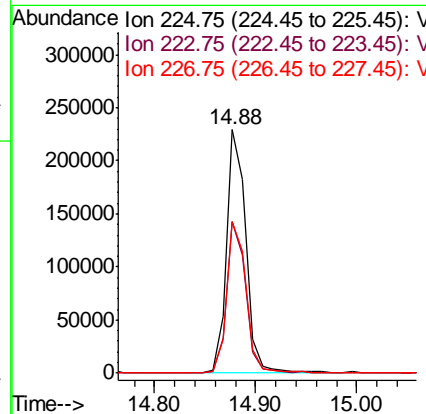
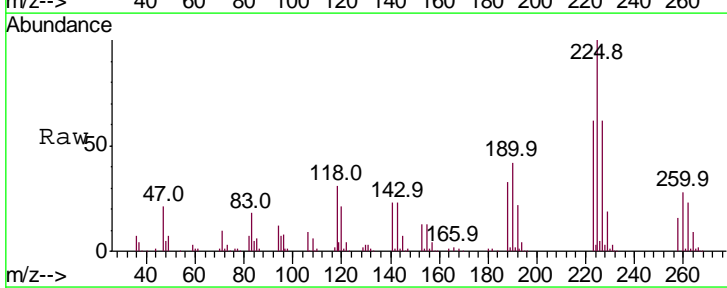
Instrument : MSVOA_D
 ClientSampled :

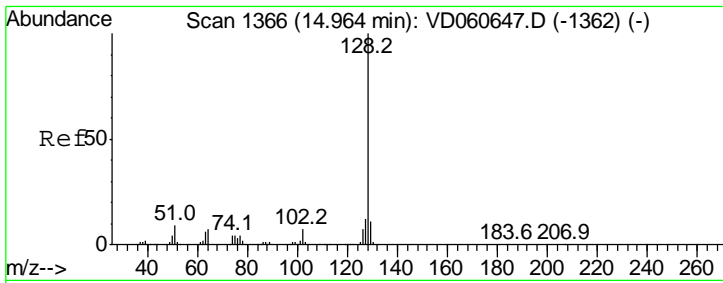
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180 | 100 | | |
| 182 | 93.6 | 48.8 | 146.4 |
| 145 | 24.4 | 11.8 | 35.3 |



#94
 Hexachlorobutadiene
 Concen: 22.446 ug/l
 RT: 14.88 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 225 | 100 | | |
| 223 | 62.1 | 31.3 | 93.8 |
| 227 | 62.0 | 32.5 | 97.4 |

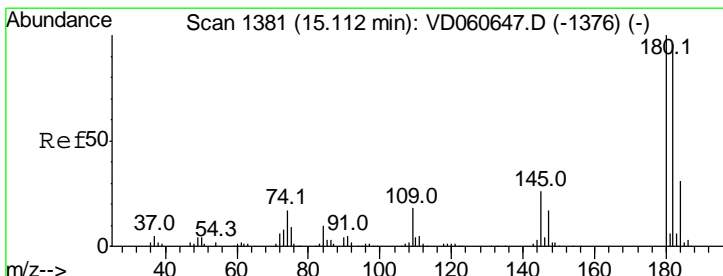
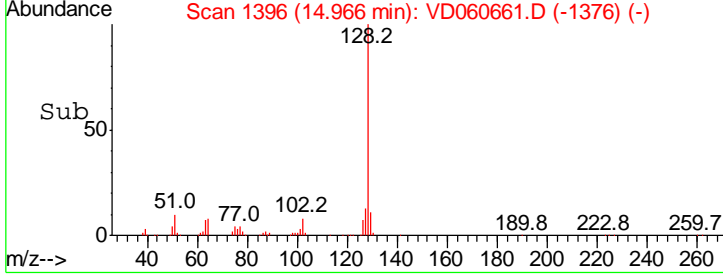
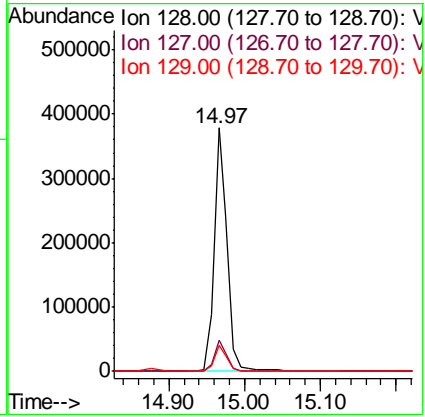
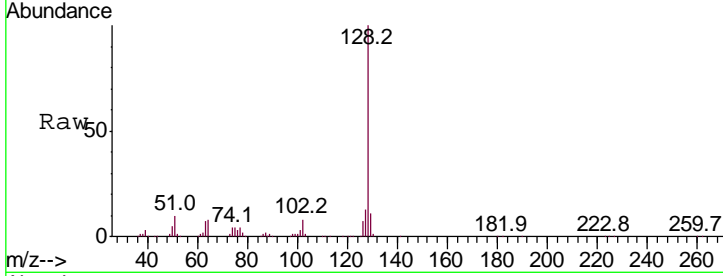




#95
 Naphthalene
 Concen: 20.774 ug/l
 RT: 14.97 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

Instrument : MSVOA_D
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 128 | 100 | | |
| 127 | 12.7 | 10.1 | 15.1 |
| 129 | 10.9 | 8.6 | 13.0 |



#96
 1,2,3-Trichlorobenzene
 Concen: 21.560 ug/l
 RT: 15.11 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VD060661.D
 Acq: 20 Dec 2018 16:33

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180 | 100 | | |
| 182 | 95.5 | 48.6 | 145.9 |
| 145 | 27.9 | 12.6 | 37.8 |

