

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072921\  
 Data File : VX023499.D  
 Acq On : 28 Jul 2021 18:56  
 Operator : JC/MD  
 Sample : VX0729WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBL01

Quant Time: Jul 29 03:16:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X072921W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Jul 29 03:13:17 2021  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 4.910  | 128  | 35998    | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.769  | 114  | 199818   | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.055 | 117  | 177681   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 5.964  | 65    | 84193    | 30.795   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 102.667% |
| 60) 4-Bromofluorobenzene    | 11.085 | 95    | 77302    | 26.920   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 89.733%  |
| 63) Toluene-d8              | 8.653  | 98    | 239478   | 29.876   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 99.600%  |

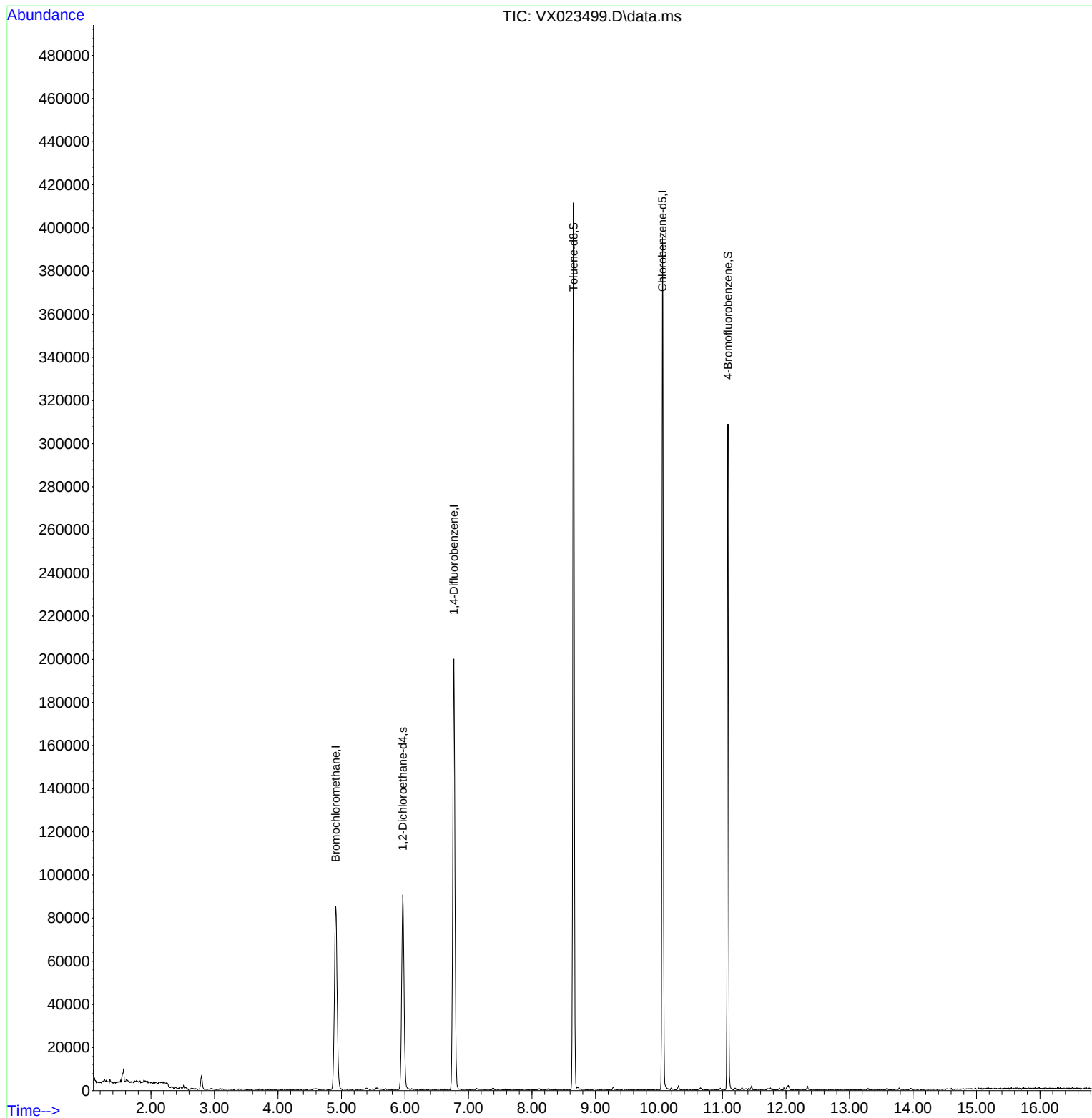
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

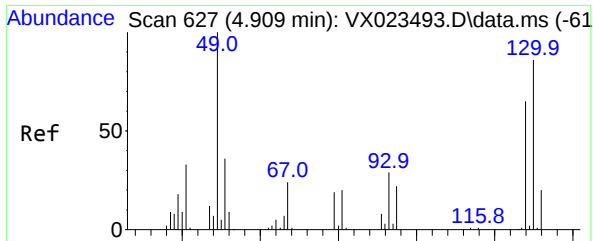
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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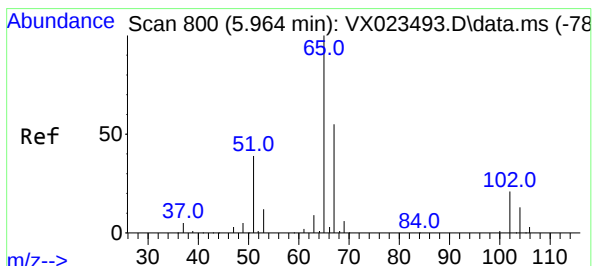
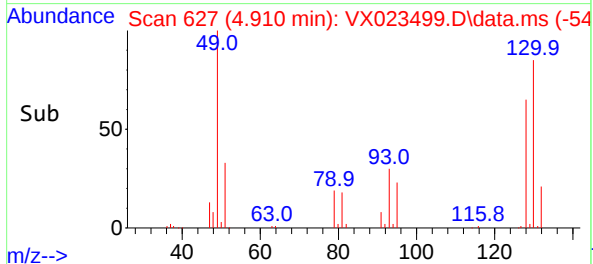
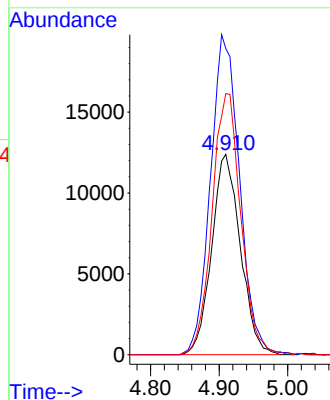
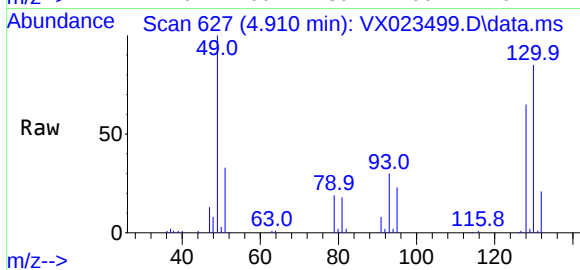




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. 0.001 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

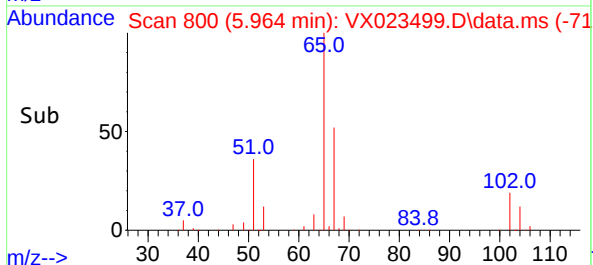
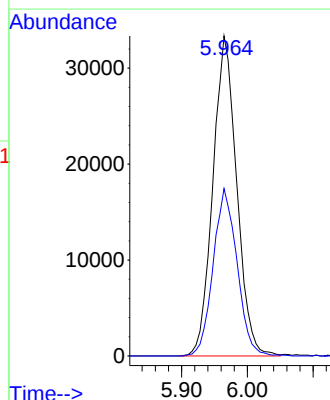
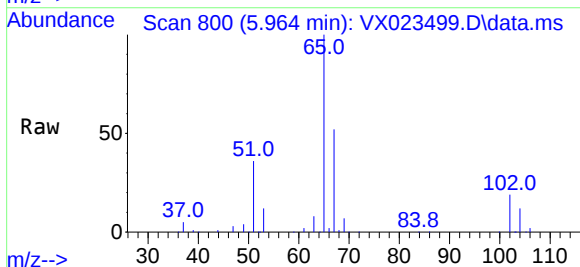
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBL01

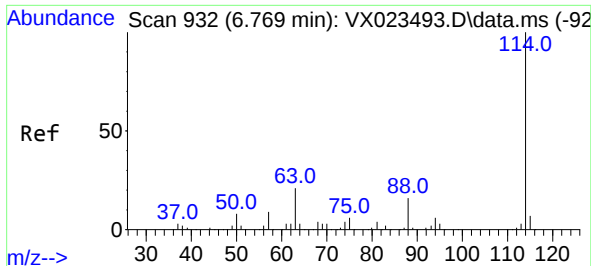
Tgt Ion:128 Resp: 35998  
Ion Ratio Lower Upper  
128 100  
49 161.6 0.0 402.5  
130 130.8 0.0 326.5



#27  
1,2-Dichloroethane-d4  
Concen: 30.795 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

Tgt Ion: 65 Resp: 84193  
Ion Ratio Lower Upper  
65 100  
67 52.3 42.4 63.6

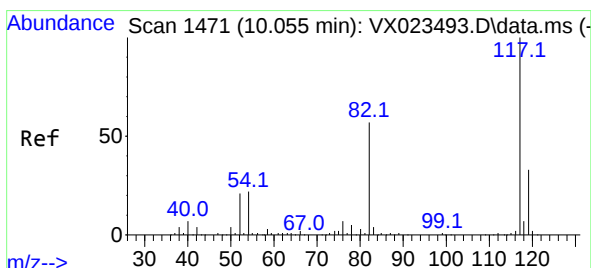
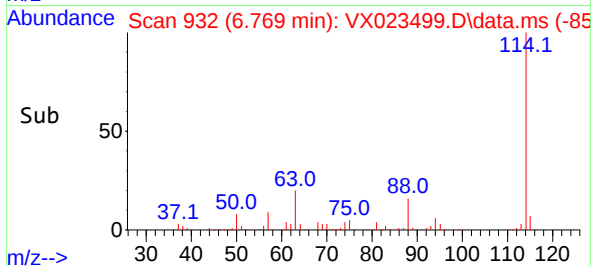
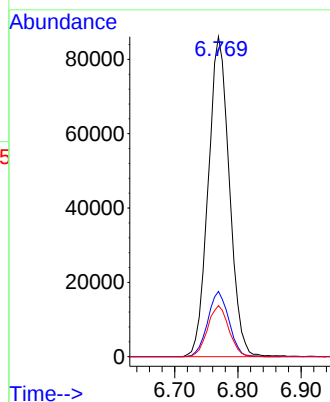
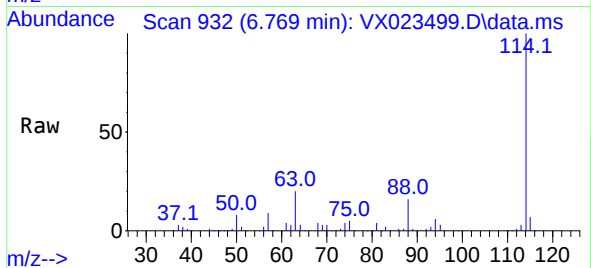




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

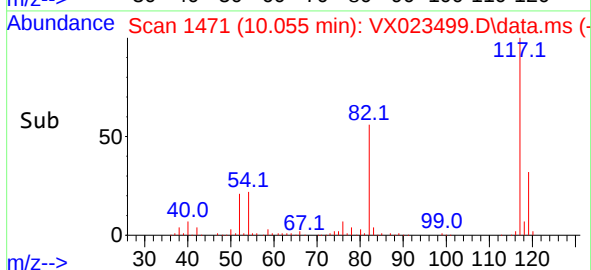
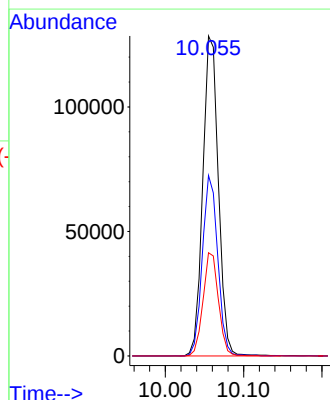
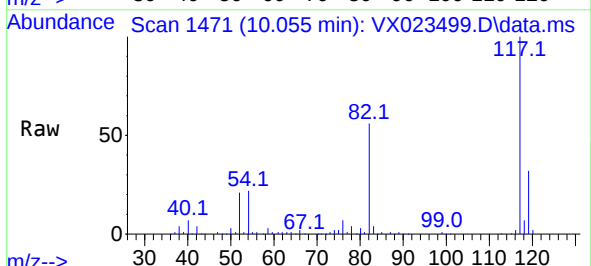
Instrument :  
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ClientSampleId :  
VX0729WBL01

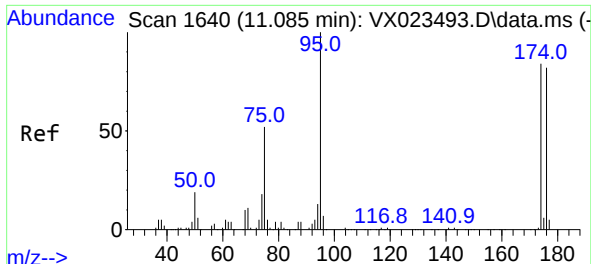
Tgt Ion:114 Resp: 199818  
Ion Ratio Lower Upper  
114 100  
63 20.4 16.4 24.6  
88 16.0 12.7 19.1



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

Tgt Ion:117 Resp: 177681  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.0 67.4  
119 31.8 26.2 39.2

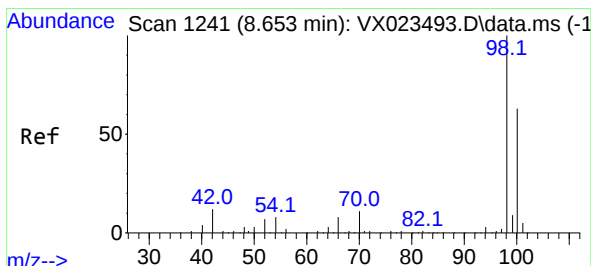
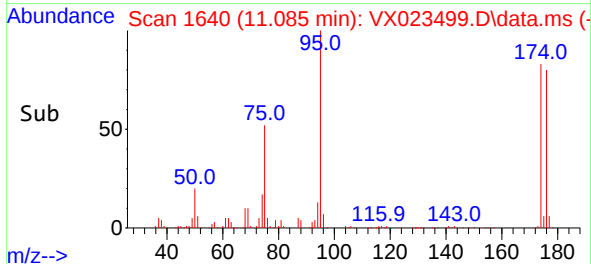
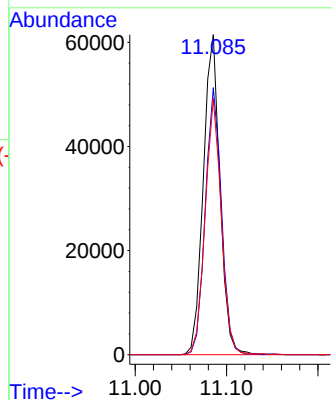
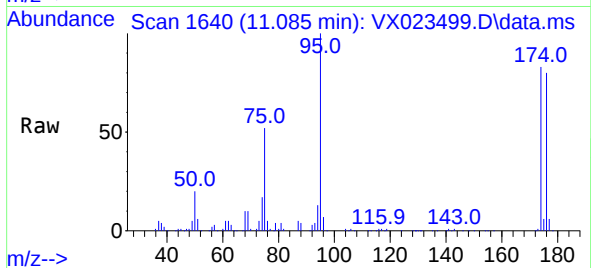




#60  
4-Bromofluorobenzene  
Concen: 26.920 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBL01

Tgt Ion: 95 Resp: 77302  
Ion Ratio Lower Upper  
95 100  
174 81.3 63.5 95.3  
176 77.9 63.0 94.4



#63  
Toluene-d8  
Concen: 29.876 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023499.D  
Acq: 28 Jul 2021 18:56

Tgt Ion: 98 Resp: 239478  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.4 77.0

