

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045017.D
 Acq On : 21 Feb 2025 14:39
 Operator : JC/MD
 Sample : VX0221WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBL01

Quant Time: Feb 22 01:15:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	17154	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	89720	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	80662	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	48440	29.074	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.900%
60) 4-Bromofluorobenzene	11.079	95	42368	28.101	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.667%
63) Toluene-d8	8.647	98	136315	30.548	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.833%

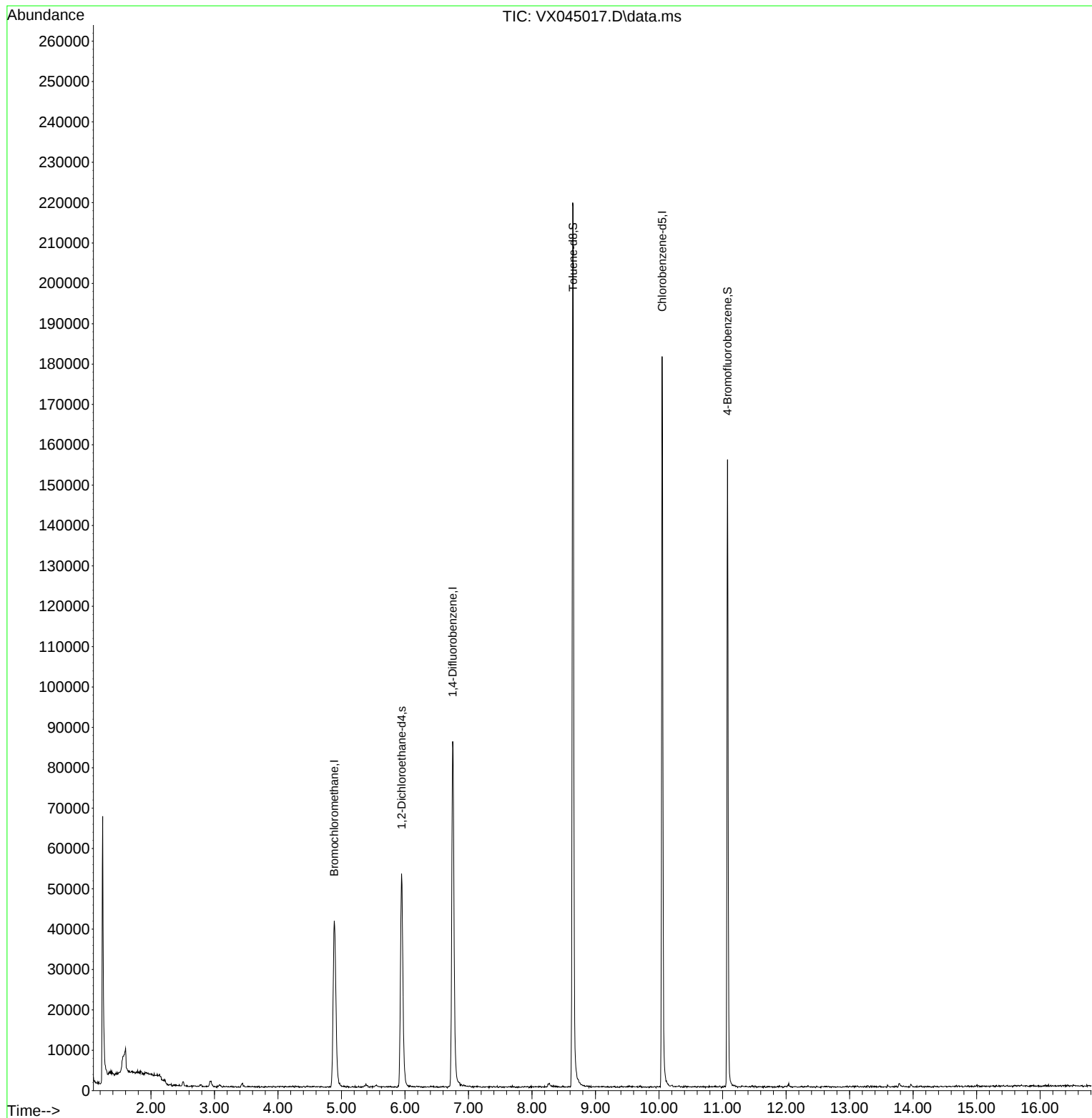
Target Compounds	Qvalue

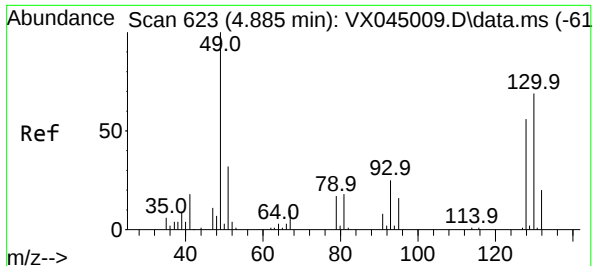
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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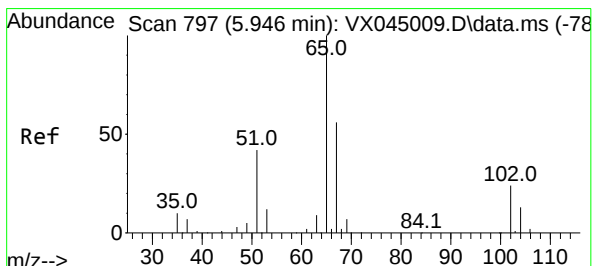
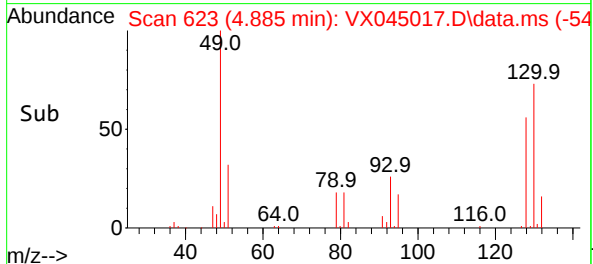
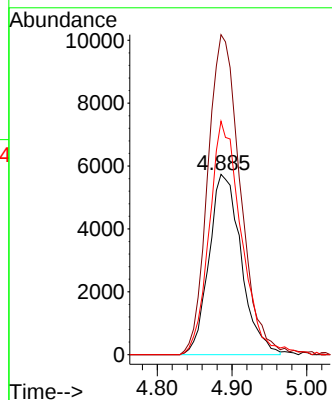
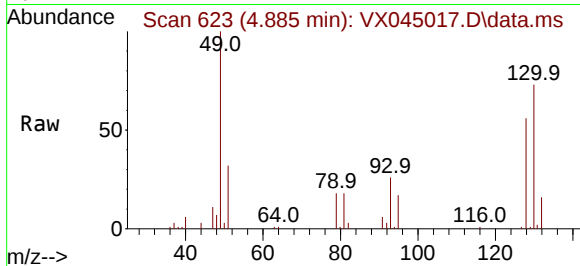




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.885 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX045017.D
 Acq: 21 Feb 2025 14:39

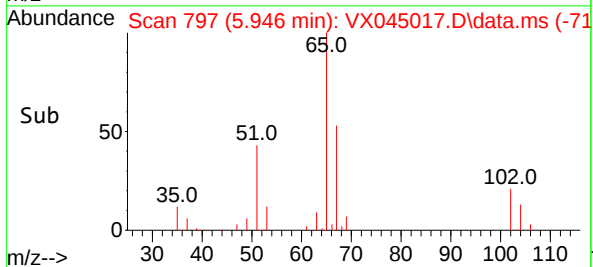
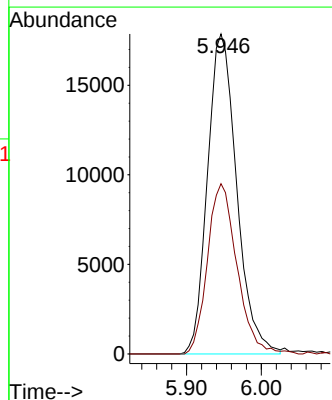
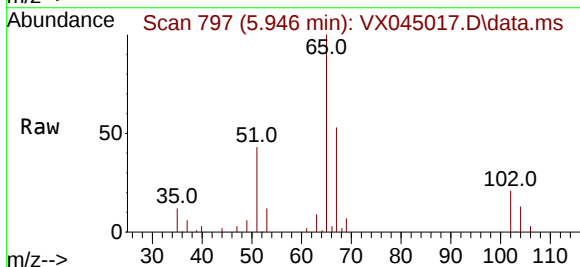
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBL01

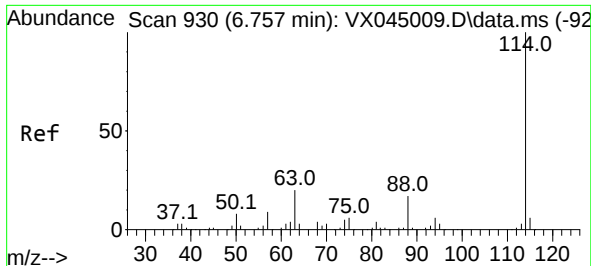
Tgt Ion:128 Resp: 17154
 Ion Ratio Lower Upper
 128 100
 49 179.2 0.0 449.7
 130 129.2 0.0 312.7



#27
 1,2-Dichloroethane-d4
 Concen: 29.074 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX045017.D
 Acq: 21 Feb 2025 14:39

Tgt Ion: 65 Resp: 48440
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.6 64.0

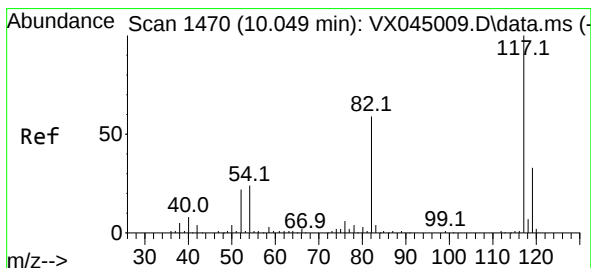
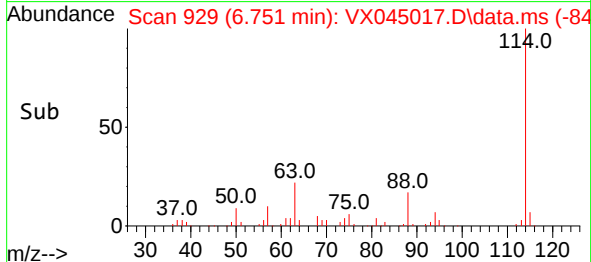
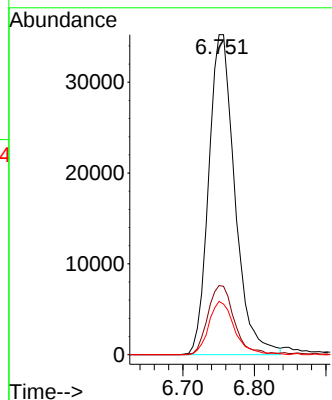
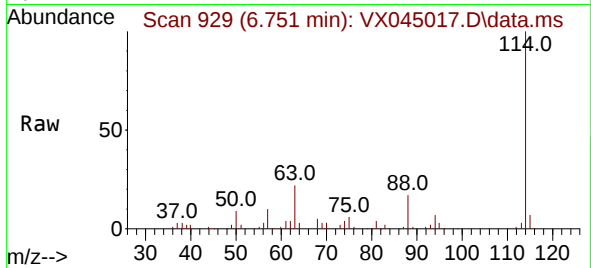




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045017.D
Acq: 21 Feb 2025 14:39

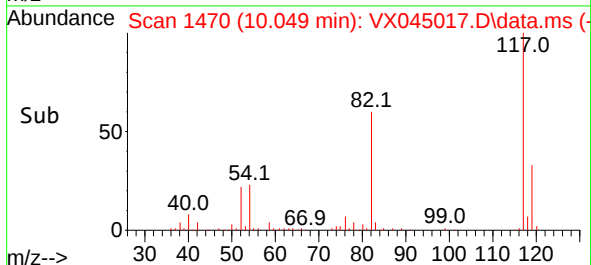
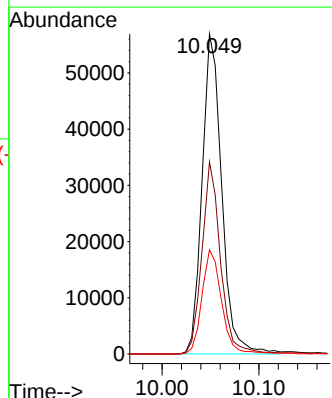
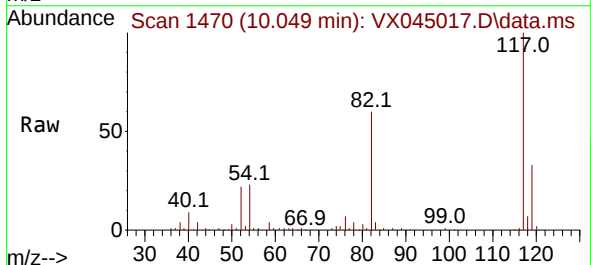
Instrument :
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VX0221WBL01

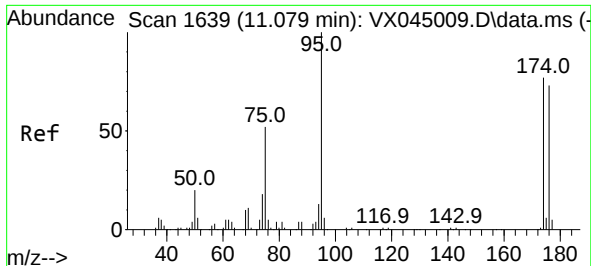
Tgt Ion:114 Resp: 89720
Ion Ratio Lower Upper
114 100
63 21.6 16.8 25.2
88 16.2 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045017.D
Acq: 21 Feb 2025 14:39

Tgt Ion:117 Resp: 80662
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.8
119 32.3 25.5 38.3

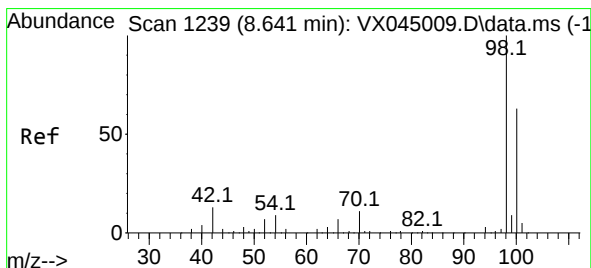
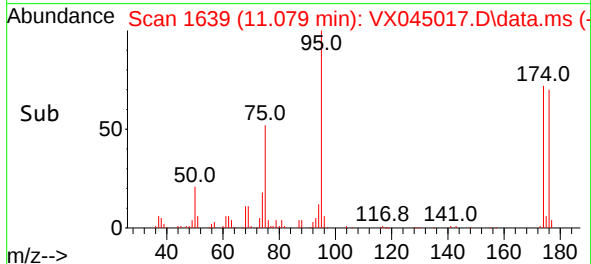
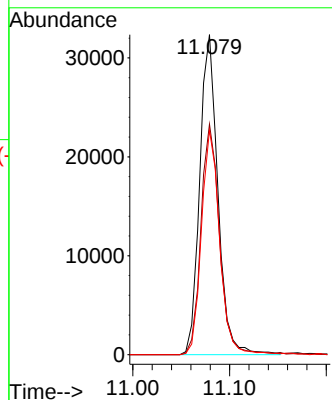
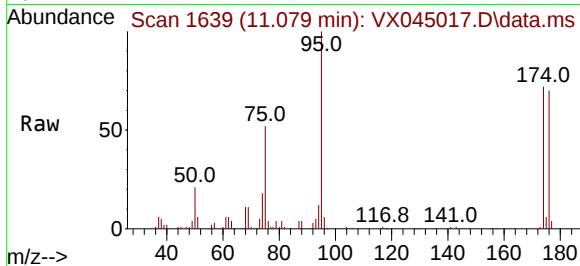




#60
4-Bromofluorobenzene
Concen: 28.101 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045017.D
Acq: 21 Feb 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

Tgt Ion: 95 Resp: 42368
Ion Ratio Lower Upper
95 100
174 73.5 59.5 89.3
176 70.1 55.5 83.3



#63
Toluene-d8
Concen: 30.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045017.D
Acq: 21 Feb 2025 14:39

Tgt Ion: 98 Resp: 136315
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5

