

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041964.D
 Acq On : 20 Jun 2024 14:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 21 03:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	26585	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	126772	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	115617	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	54971	30.037	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.133%
60) 4-Bromofluorobenzene	11.079	95	48750	27.240	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.800%
63) Toluene-d8	8.647	98	144741	29.261	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%

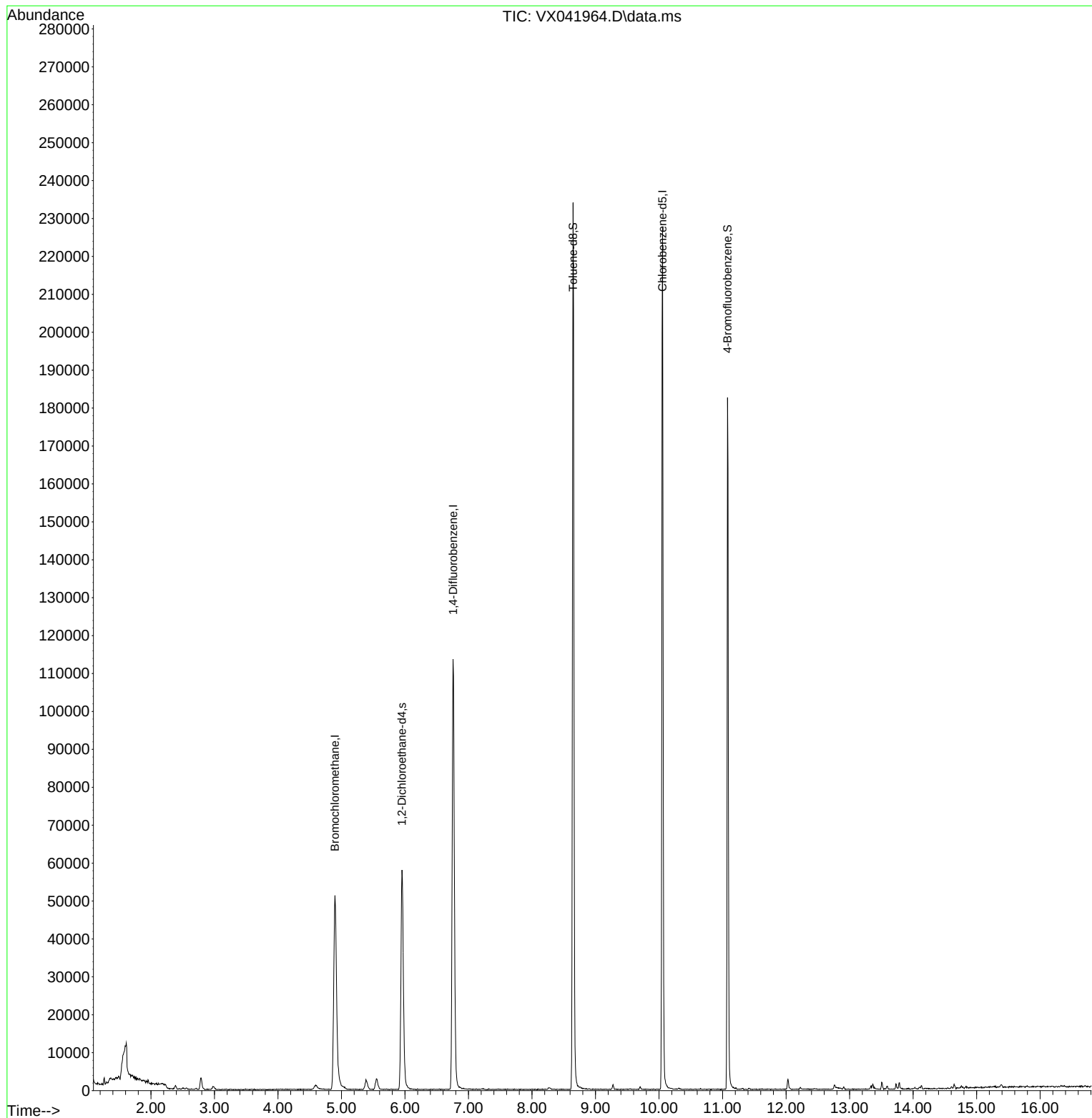
Target Compounds	Qvalue

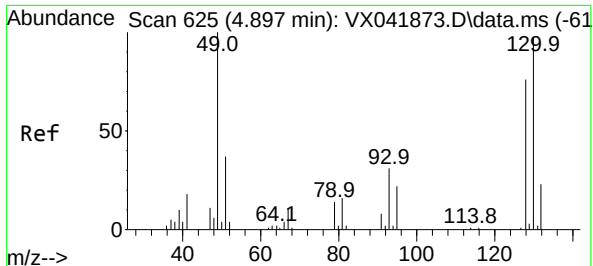
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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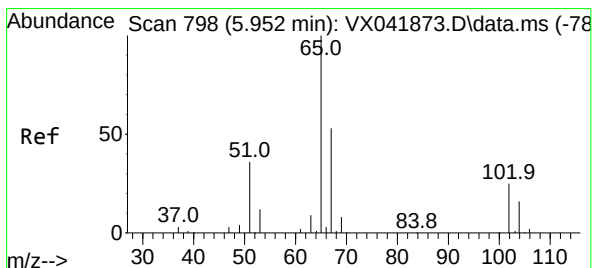
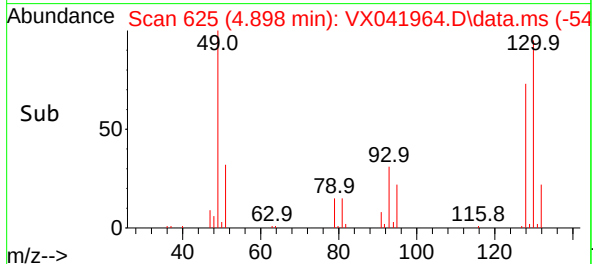
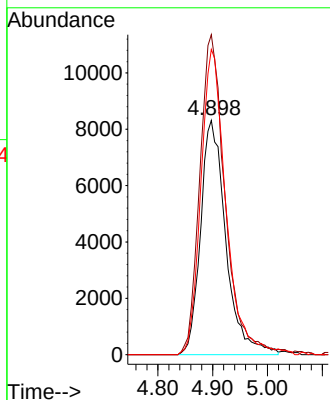
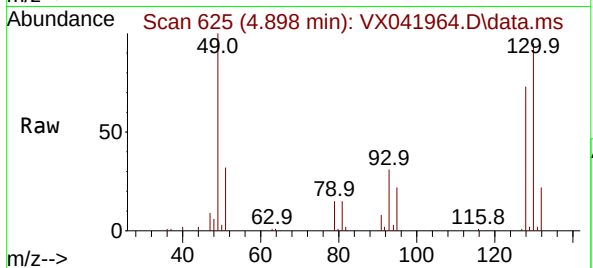




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

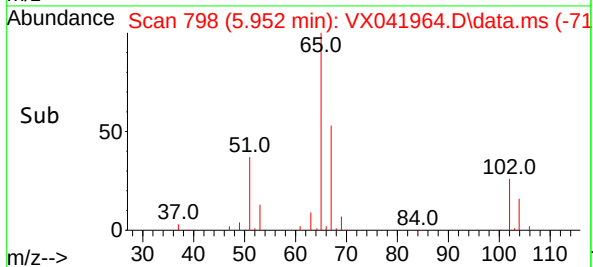
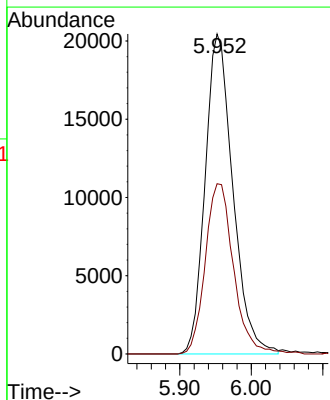
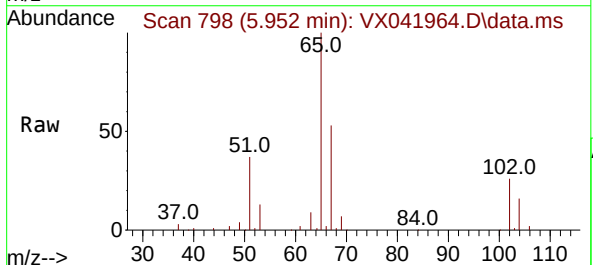
Instrument :
MSVOA_X
ClientSampleId :
IBLK

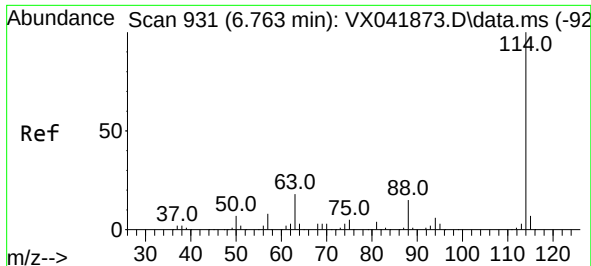
Tgt Ion:128 Resp: 26585
Ion Ratio Lower Upper
128 100
49 136.4 0.0 338.5
130 129.9 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 30.037 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

Tgt Ion: 65 Resp: 54971
Ion Ratio Lower Upper
65 100
67 54.2 43.4 65.0

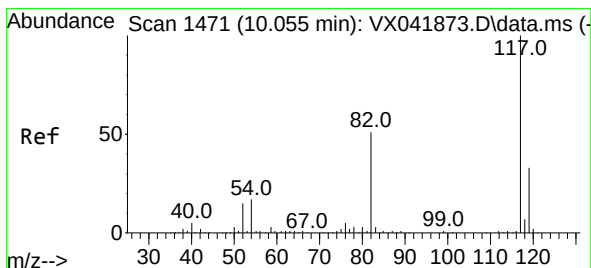
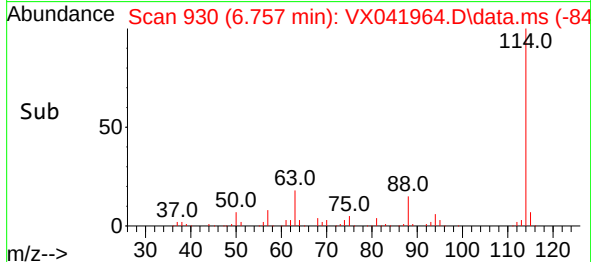
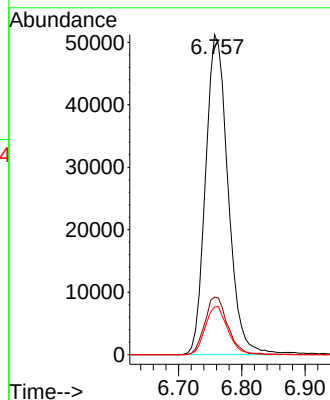
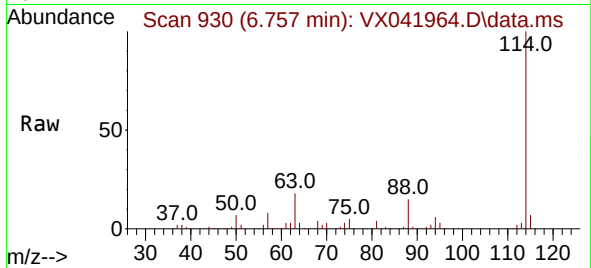




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

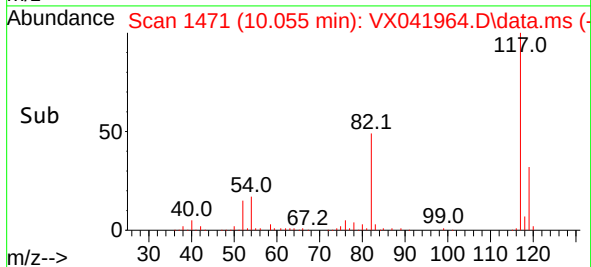
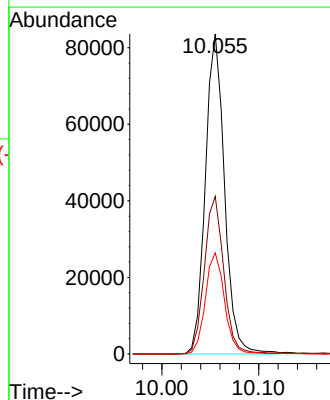
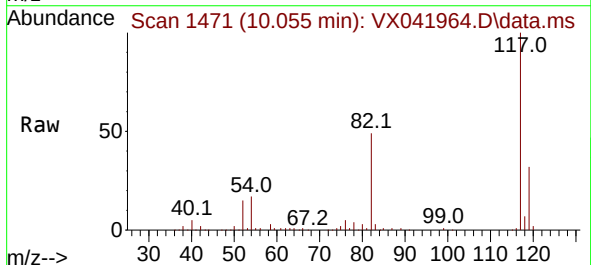
Instrument :
MSVOA_X
ClientSampleId :
IBLK

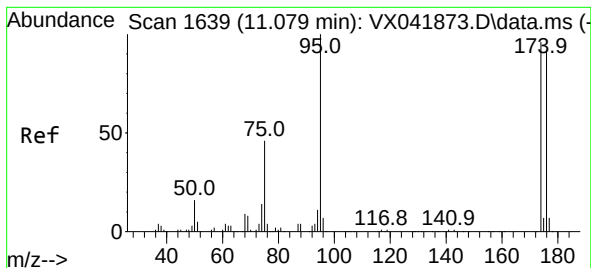
Tgt Ion:114 Resp: 126772
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.1 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

Tgt Ion:117 Resp: 115617
Ion Ratio Lower Upper
117 100
82 50.0 41.1 61.7
119 31.6 26.1 39.1

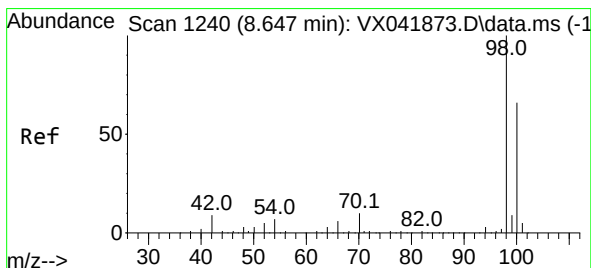
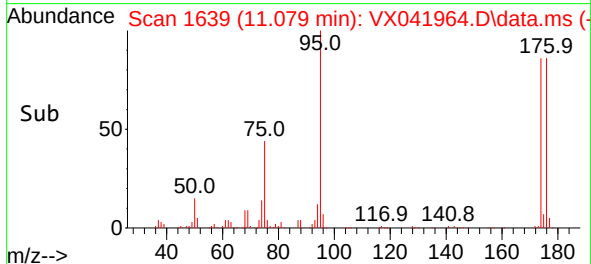
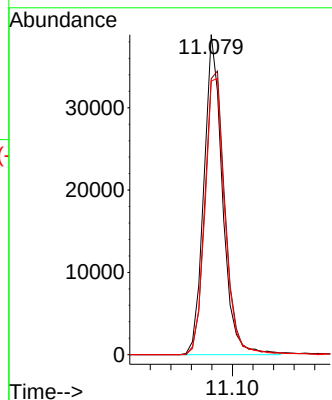
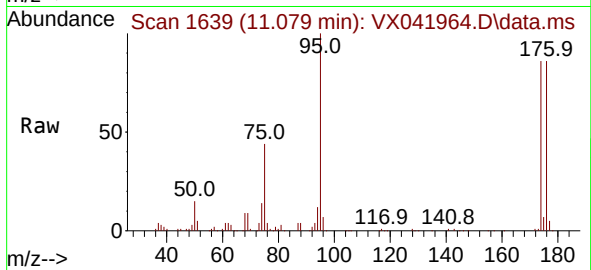




#60
4-Bromofluorobenzene
Concen: 27.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 48750
Ion Ratio Lower Upper
95 100
174 96.8 78.9 118.3
176 93.2 77.1 115.7



#63
Toluene-d8
Concen: 29.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041964.D
Acq: 20 Jun 2024 14:51

Tgt Ion: 98 Resp: 144741
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

