

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045049.D
 Acq On : 26 Feb 2025 12:19
 Operator : JC/MD
 Sample : Q1417-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LRSA-MOD-3

Quant Time: Feb 27 05:13:23 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	4.897	128	18086	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	92687	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	82417	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	51894	29.542	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.467%
60) 4-Bromofluorobenzene	11.079	95	42670	27.699	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.333%
63) Toluene-d8	8.647	98	137789	30.220	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.733%

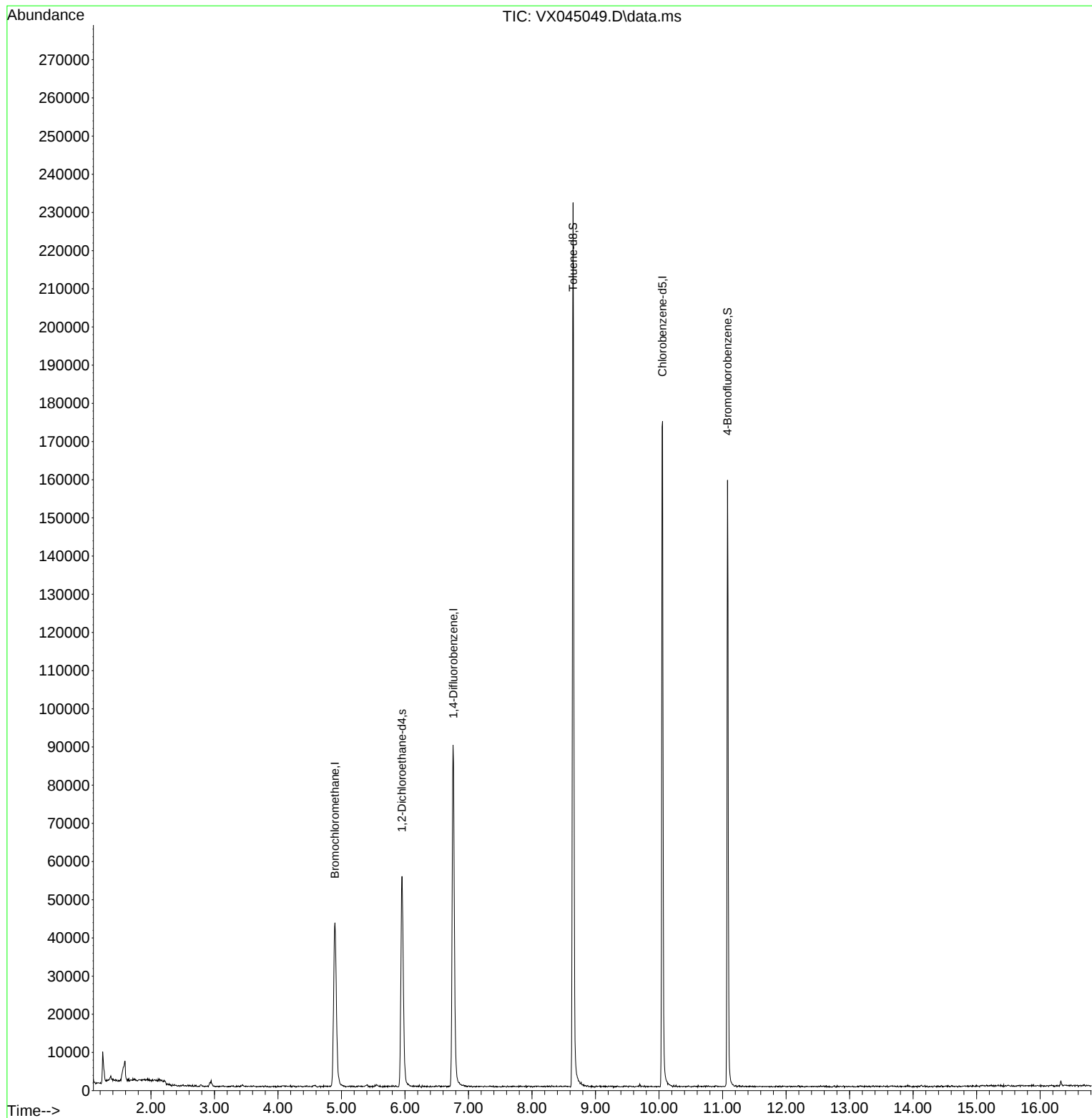
Target Compounds	Qvalue

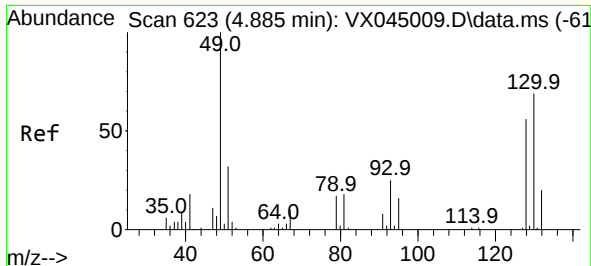
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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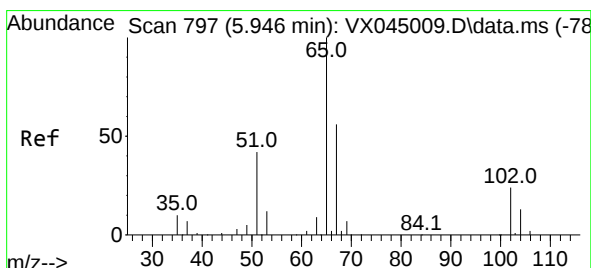
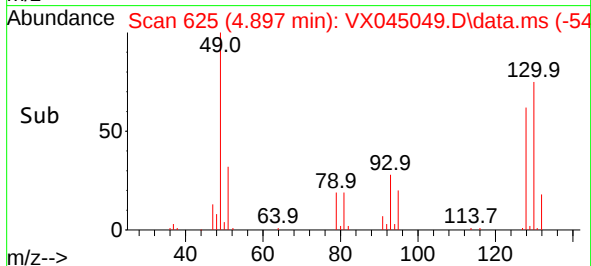
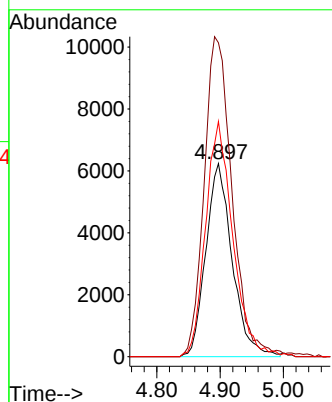
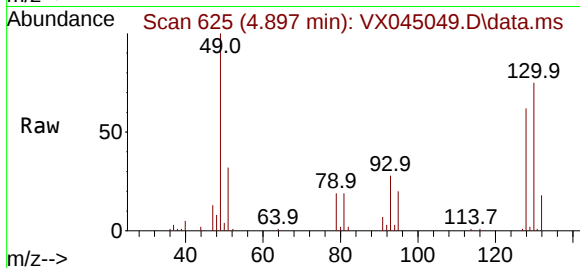




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

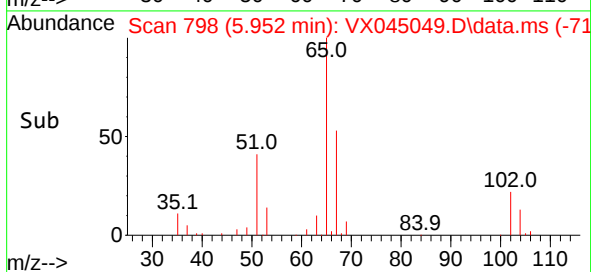
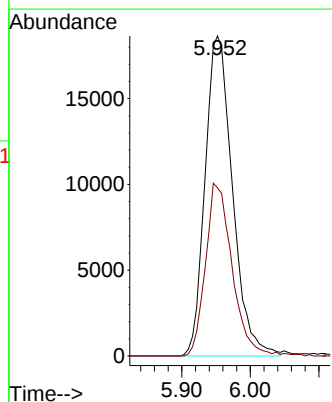
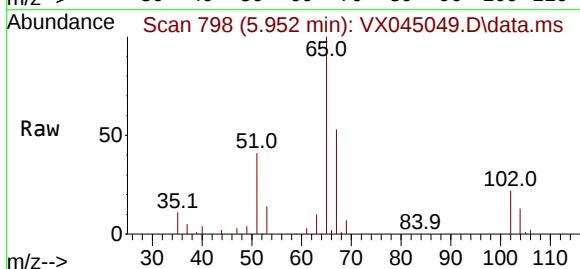
Instrument :
MSVOA_X
ClientSampleId :
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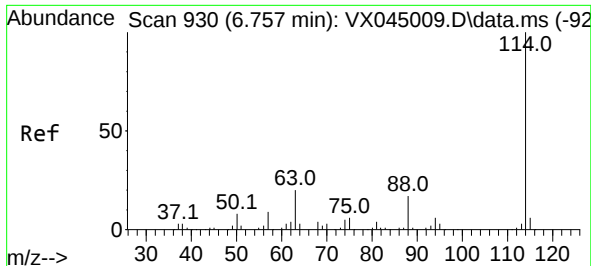
Tgt Ion:128 Resp: 18086
Ion Ratio Lower Upper
128 100
49 174.1 0.0 449.7
130 124.8 0.0 312.7



#27
1,2-Dichloroethane-d4
Concen: 29.542 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 65 Resp: 51894
Ion Ratio Lower Upper
65 100
67 52.1 42.6 64.0

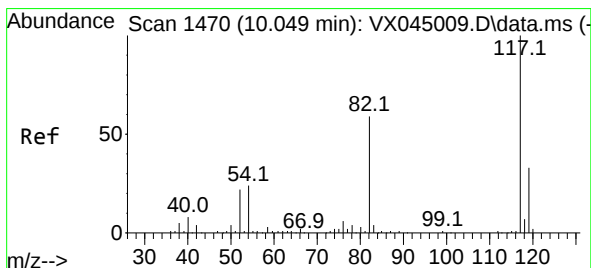
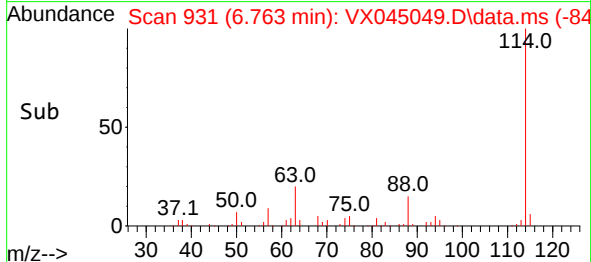
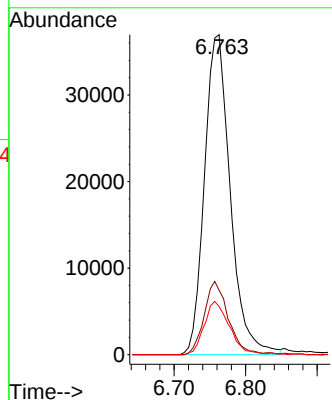
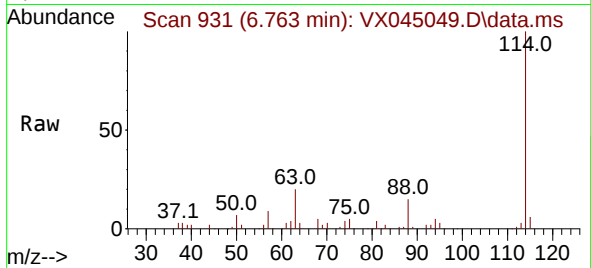




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

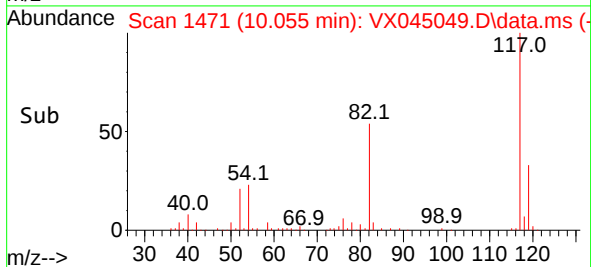
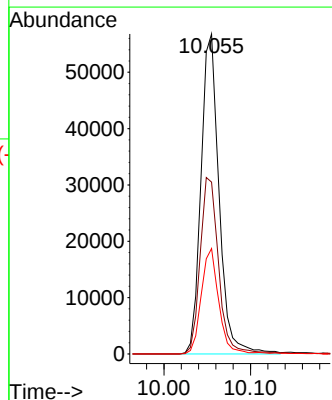
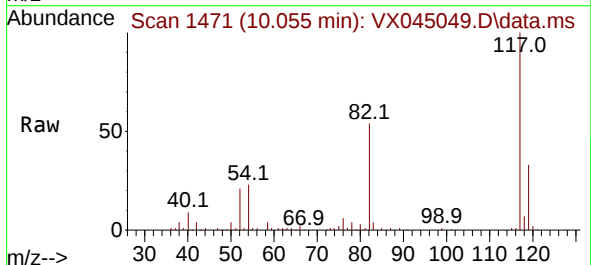
Instrument :
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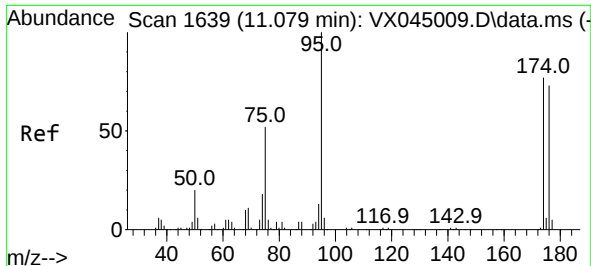
Tgt Ion:114 Resp: 92687
Ion Ratio Lower Upper
114 100
63 21.3 16.8 25.2
88 16.2 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

Tgt Ion:117 Resp: 82417
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 31.7 25.5 38.3

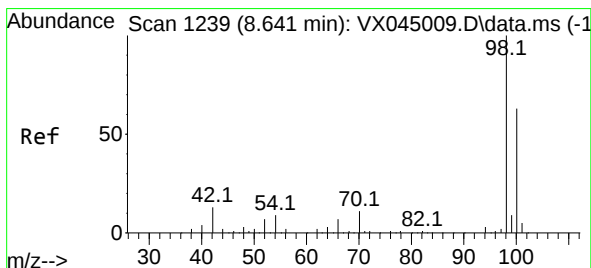
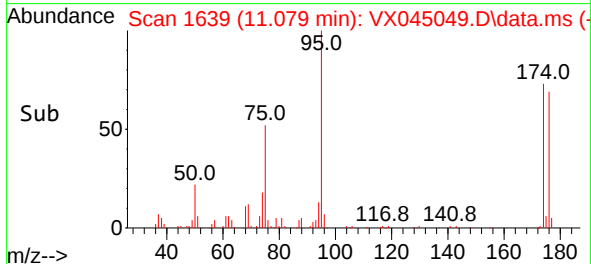
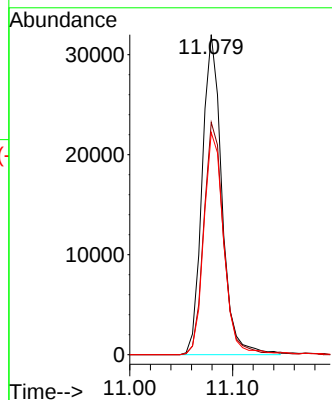
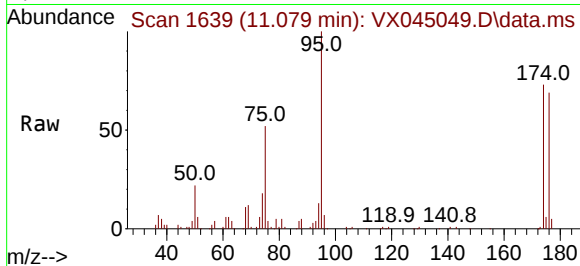




#60
4-Bromofluorobenzene
Concen: 27.699 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

Instrument :
MSVOA_X
ClientSampleId :
LRSA-MOD-3

Tgt Ion: 95 Resp: 42670
Ion Ratio Lower Upper
95 100
174 72.7 59.5 89.3
176 69.5 55.5 83.3



#63
Toluene-d8
Concen: 30.220 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045049.D
Acq: 26 Feb 2025 12:19

Tgt Ion: 98 Resp: 137789
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5

