Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046619.D
Acq On : 10 Jun 2025 22:05
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jun 11 06:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.915	128	18072	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	98463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90688	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	44224	30.231	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	11.079	95	44774	29.291	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.633%			
63) Toluene-d8	8.653	98	118033	29.138	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.133%			
Target Compounds						Qvalue

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

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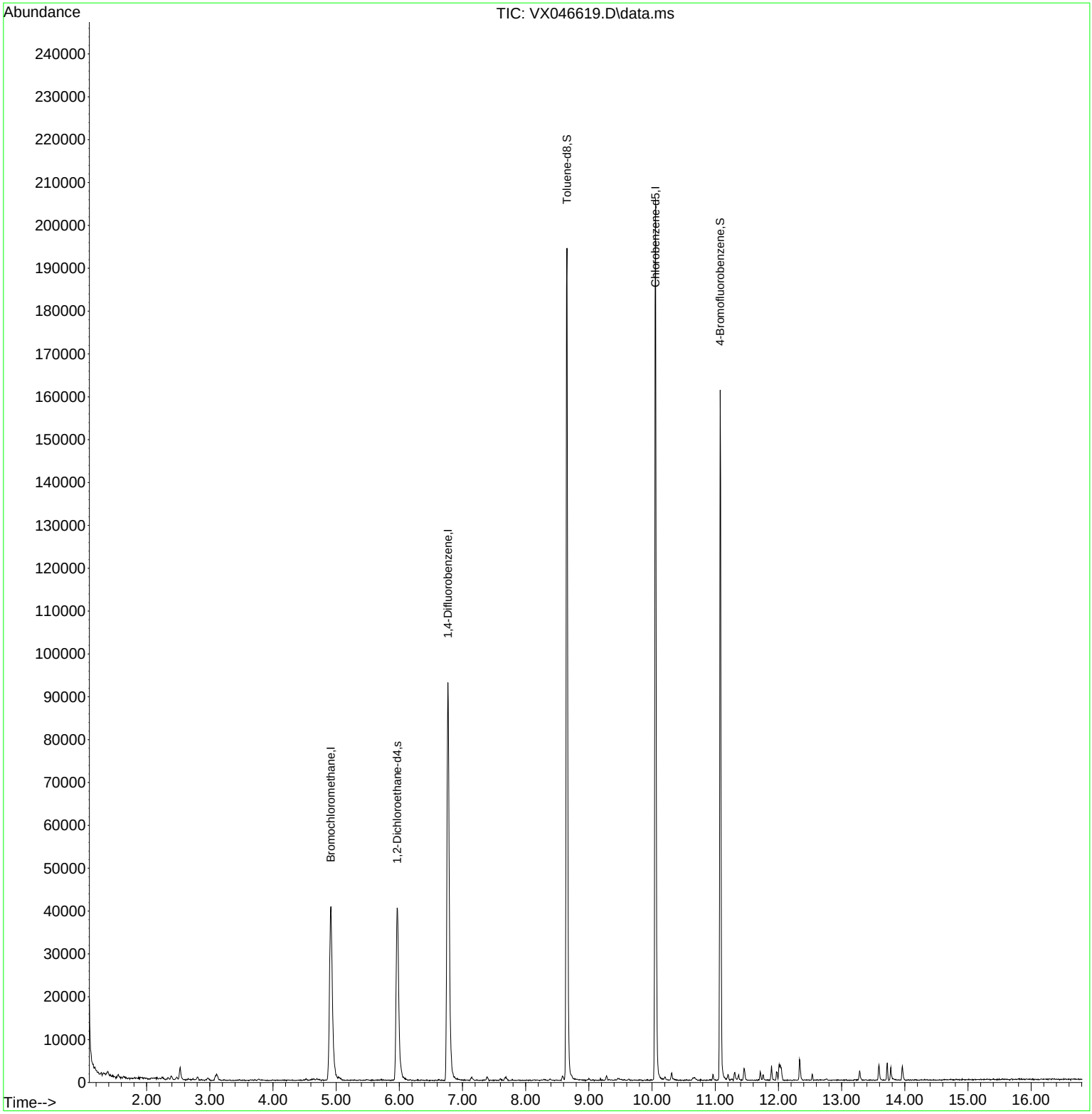
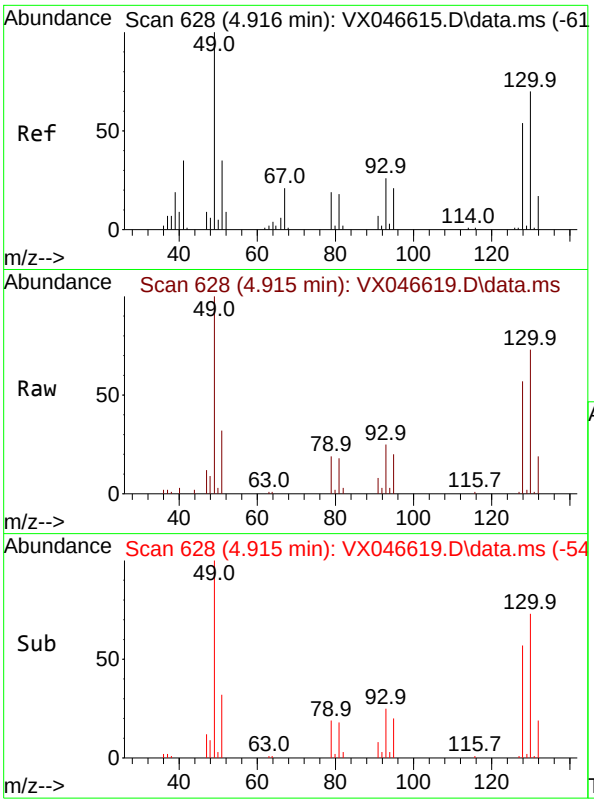


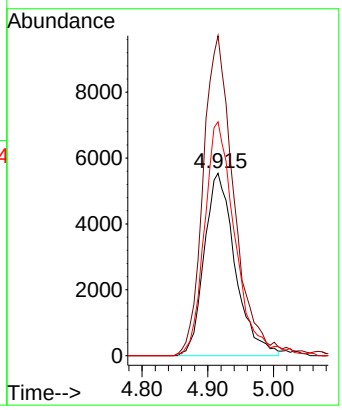


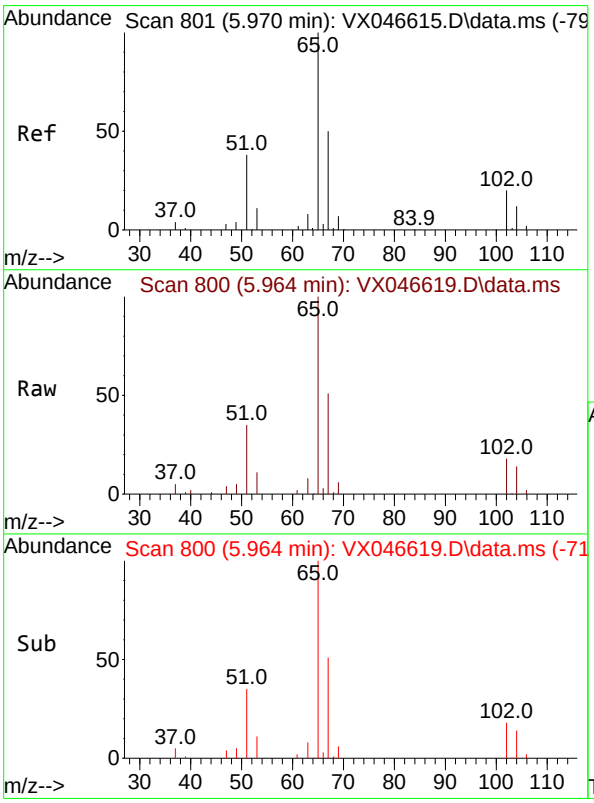
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.001 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 18072

Ion	Ratio	Lower	Upper
128	100		
49	172.0	0.0	448.3
130	125.0	0.0	312.0

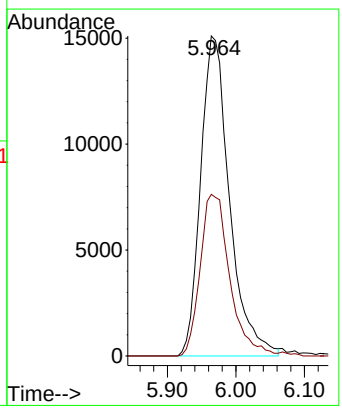


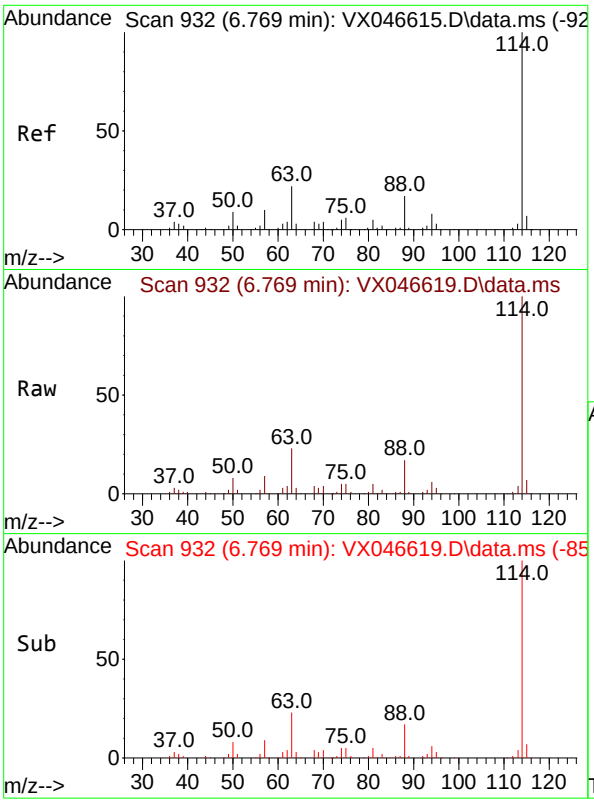


#27
1,2-Dichloroethane-d4
Concen: 30.231 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Tgt Ion: 65 Resp: 44224

Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.4	62.2



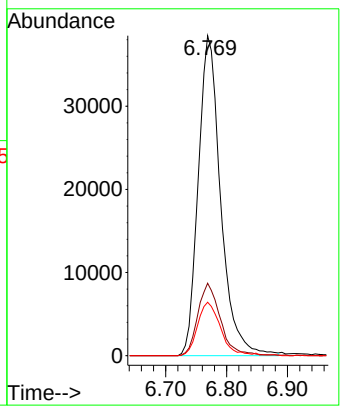


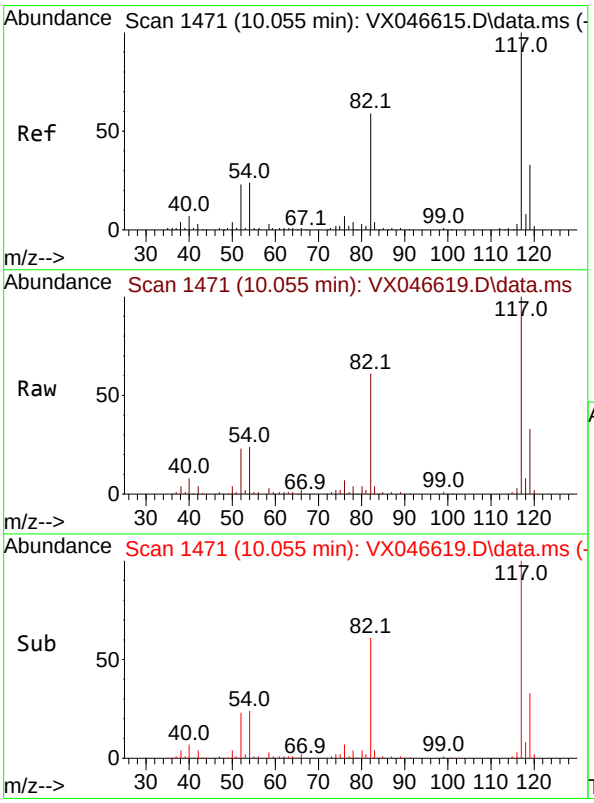
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 98463

Ion	Ratio	Lower	Upper
114	100		
63	22.8	18.1	27.1
88	16.9	14.1	21.1

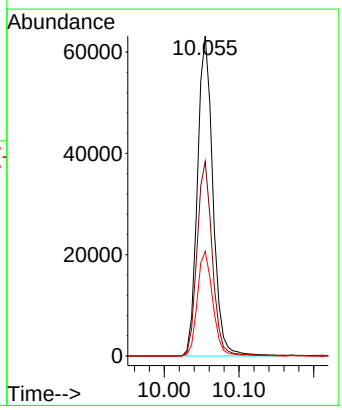


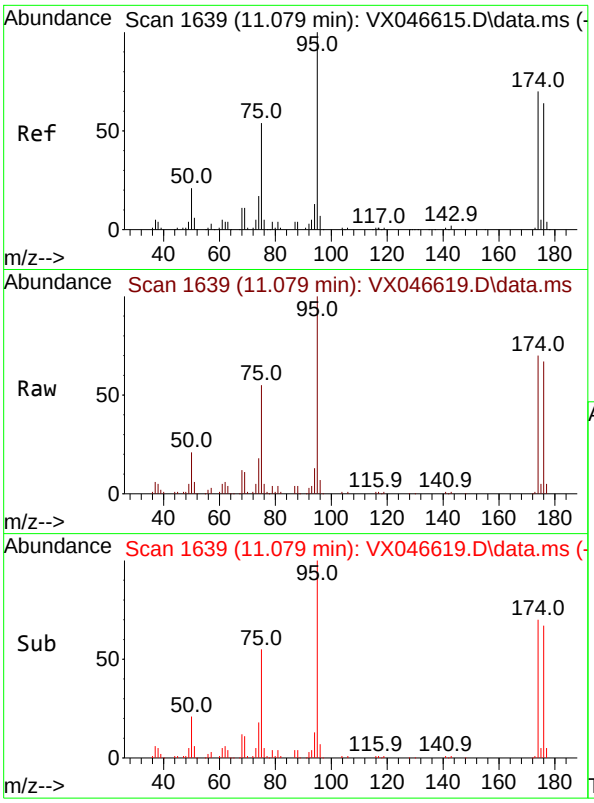


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Tgt Ion:117 Resp: 90688

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.5	69.7
119	32.7	25.8	38.6



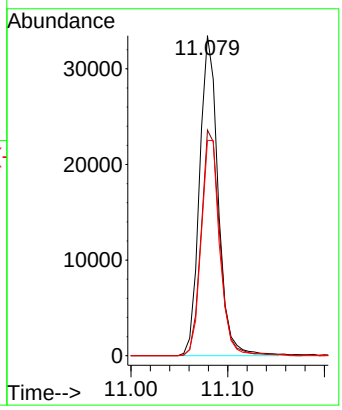


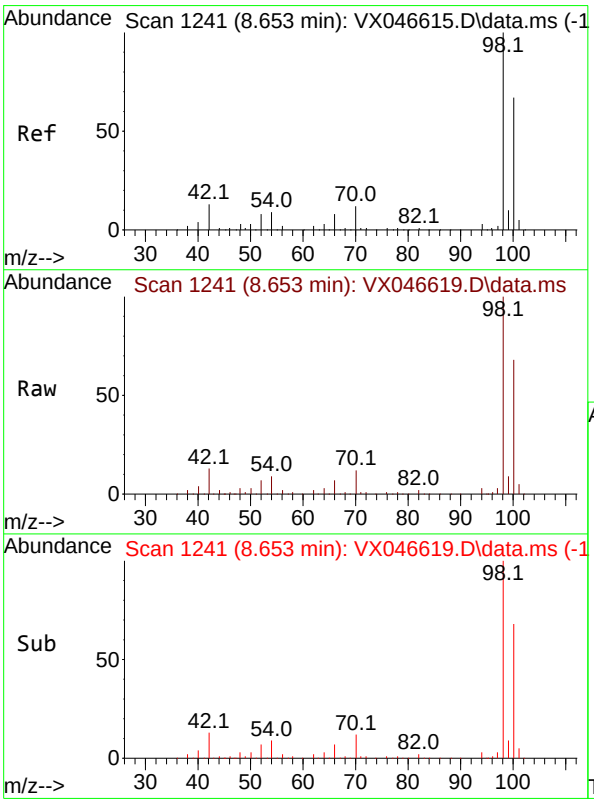
#60
4-Bromofluorobenzene
Concen: 29.291 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 44774

Ion	Ratio	Lower	Upper
95	100		
174	71.1	56.0	84.0
176	67.8	52.2	78.4





#63
Toluene-d8
Concen: 29.138 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046619.D
Acq: 10 Jun 2025 22:05

Tgt Ion: 98 Resp: 118033

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	79.0