Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
Data File : VX045025.D
Acq On : 24 Feb 2025 12:20
Operator : JC/MD
Sample : VX0224WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 25 00:30:23 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	4.891	128	19274	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	100345	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	86987	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	55082	29.424	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 98.067%			
60) 4-Bromofluorobenzene	11.079	95	45953	28.263	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.200%			
63) Toluene-d8	8.646	98	149824	31.134	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.767%			
Target Compounds						Qvalue
6) Chloroethane	1.666	64	229	0.225	ug/l #	60
13) Acrolein	2.233	56	225	0.660	ug/l	85
15) Acetone	2.379	58	50	0.220	ug/l #	11
23) tert-Butyl Alcohol	2.934	59	1478	5.098	ug/l #	100
51) Ethyl methacrylate	8.646	69	476	0.225	ug/l	77
56) Bromoform	11.079	173	378	0.405	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	24606	45.435	ug/l #	10

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

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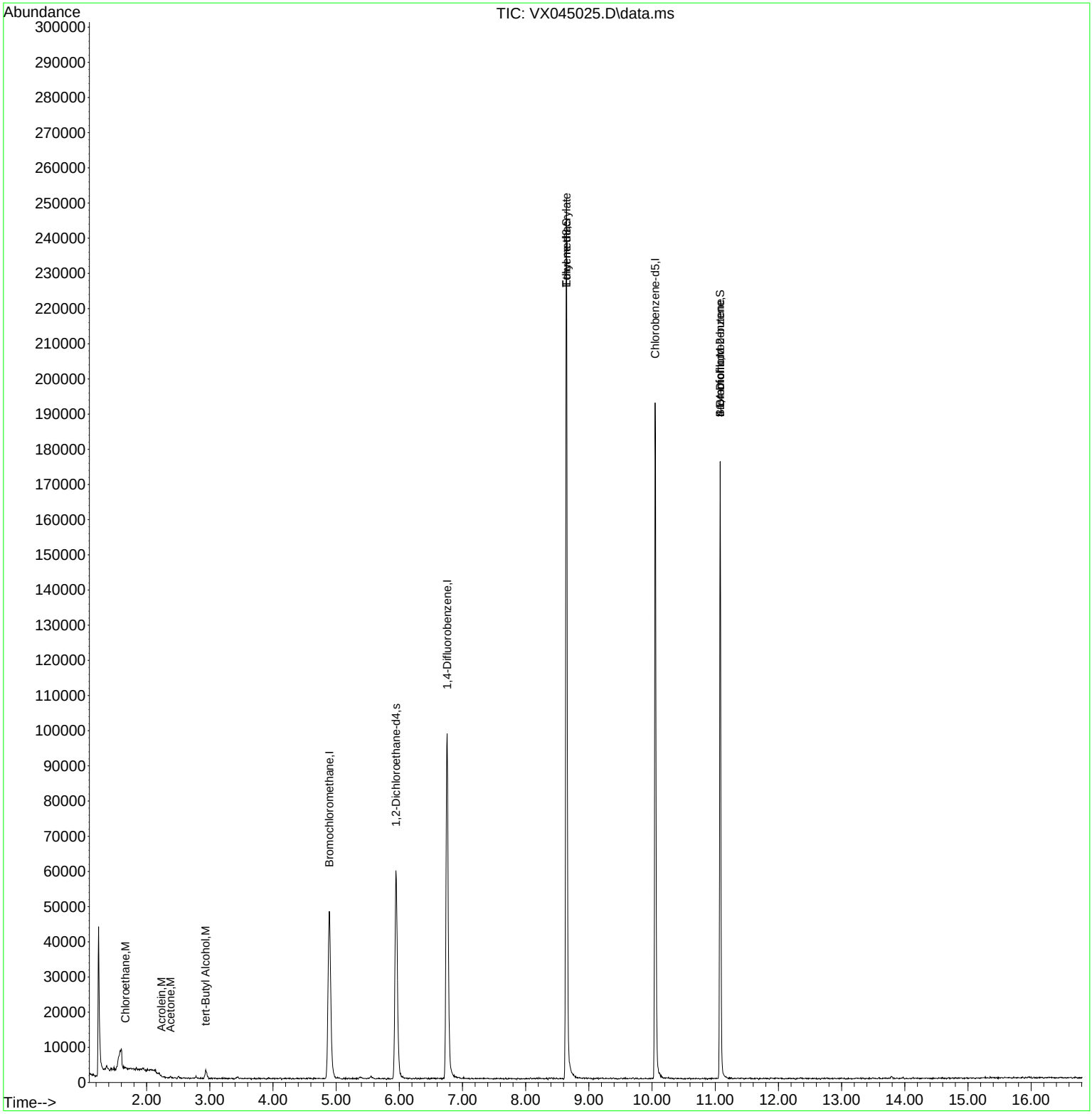
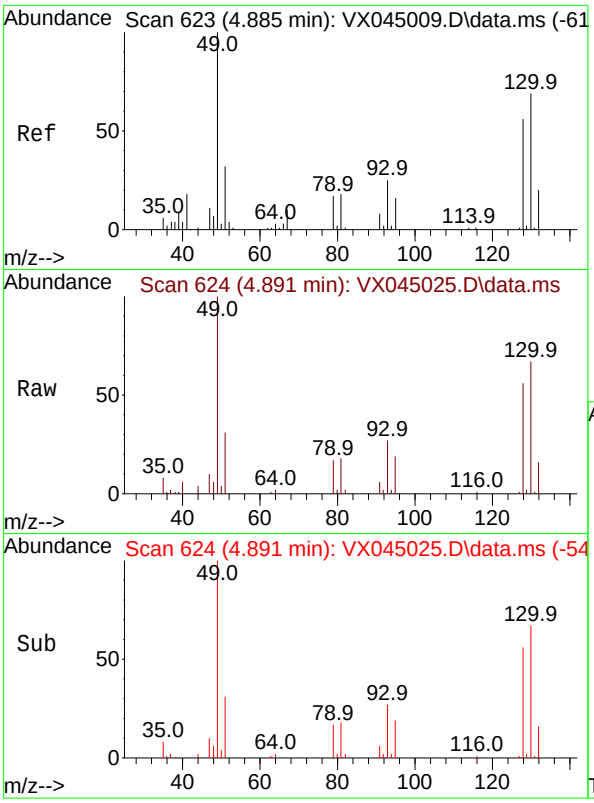
Sample : VX0224WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 25 00:30:23 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



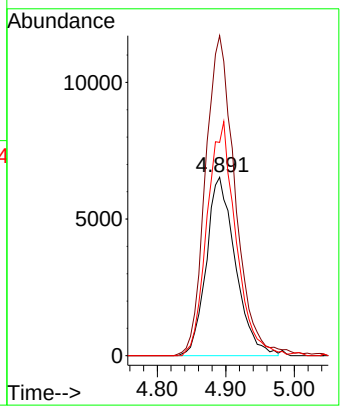


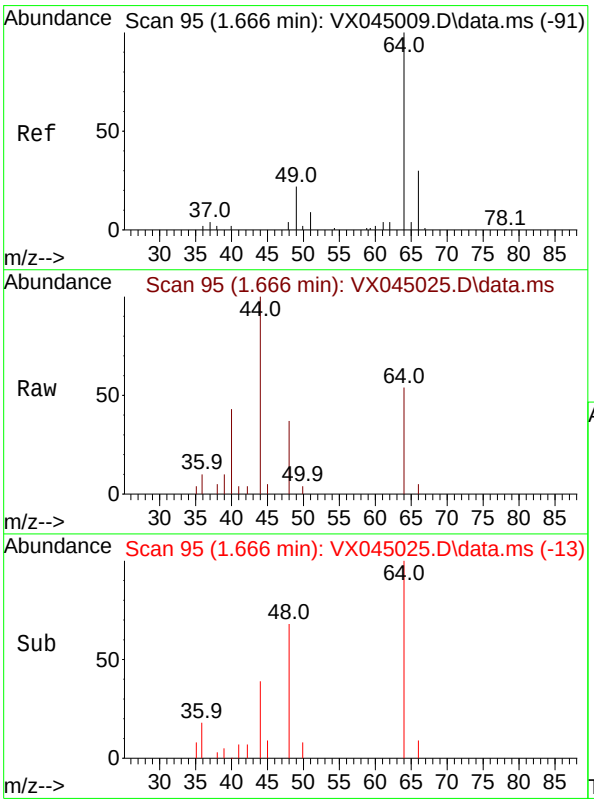
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 19274

Ion	Ratio	Lower	Upper
128	100		
49	183.6	0.0	449.7
130	130.0	0.0	312.7

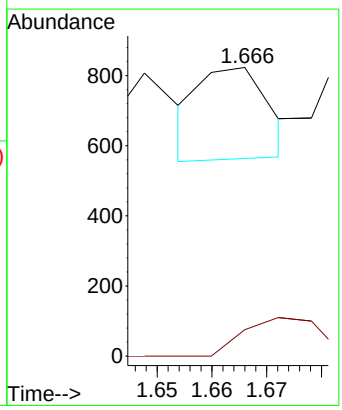


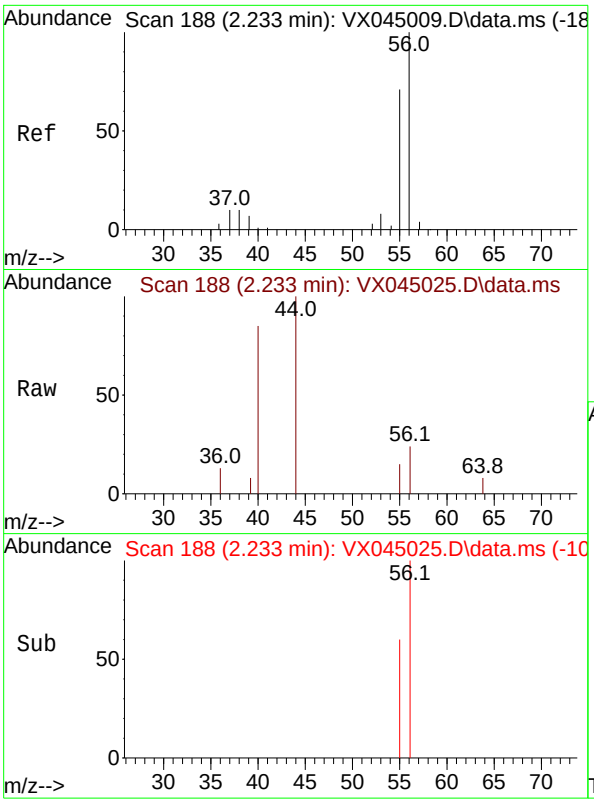


#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 64 Resp: 229

Ion	Ratio	Lower	Upper
64	100		
66	51.4	23.7	35.5#



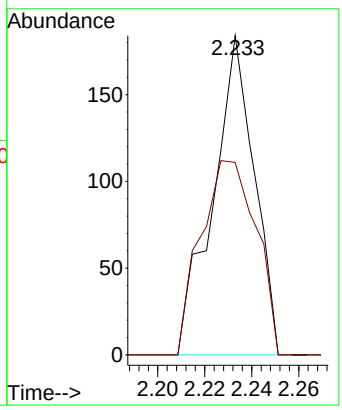


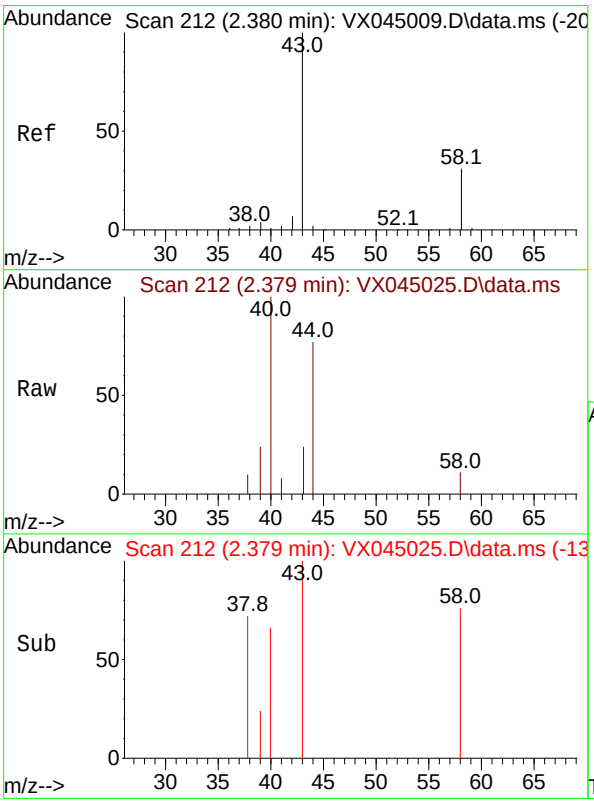
#13
Acrolein
Concen: 0.660 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 225

Ion	Ratio	Lower	Upper
56	100		
55	81.8	55.4	83.2

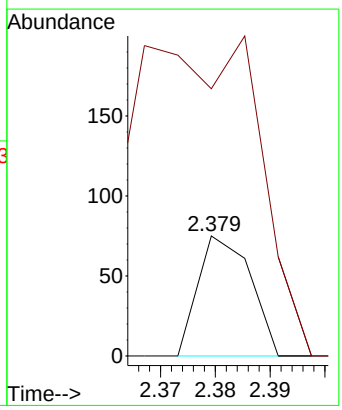


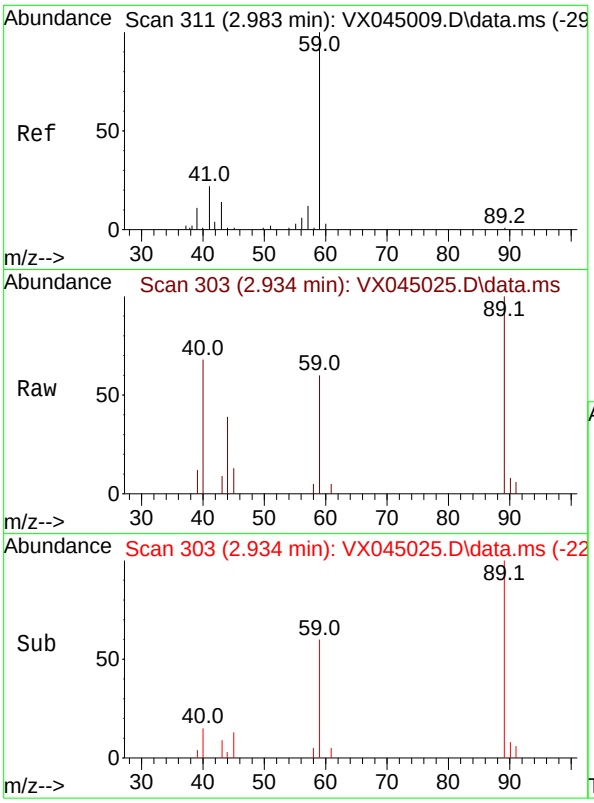


#15
Acetone
Concen: 0.220 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 58 Resp: 50

Ion	Ratio	Lower	Upper
58	100		
43	140.0	258.6	388.0#



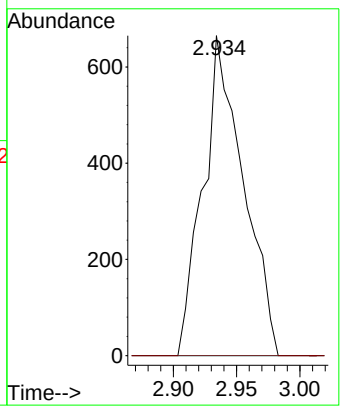


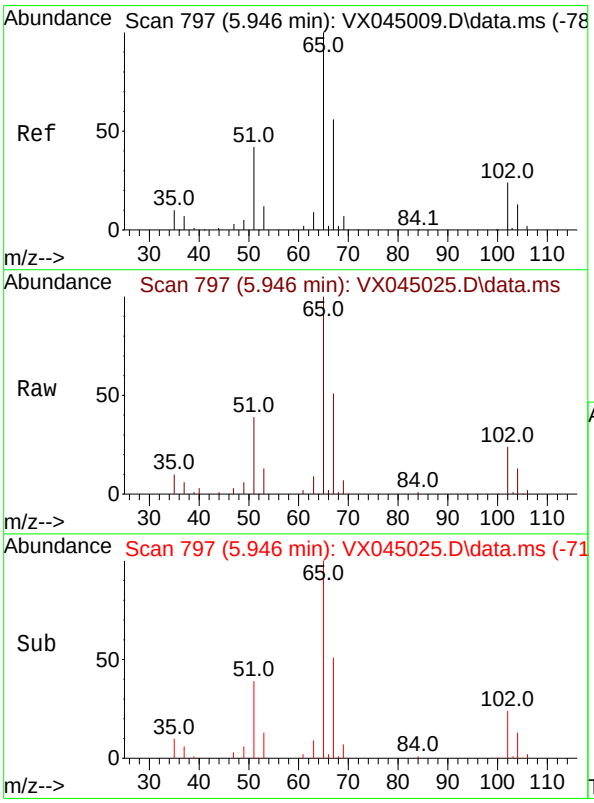
#23
tert-Butyl Alcohol
Concen: 5.098 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.049 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1478

Ion	Ratio	Lower	Upper
59	100		
52	3.8	0.0	0.0#

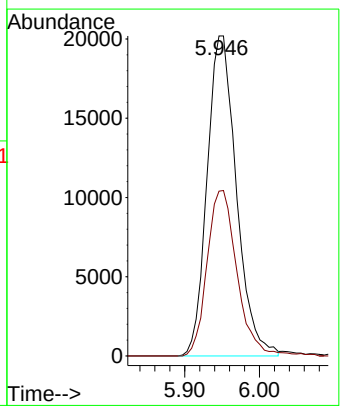


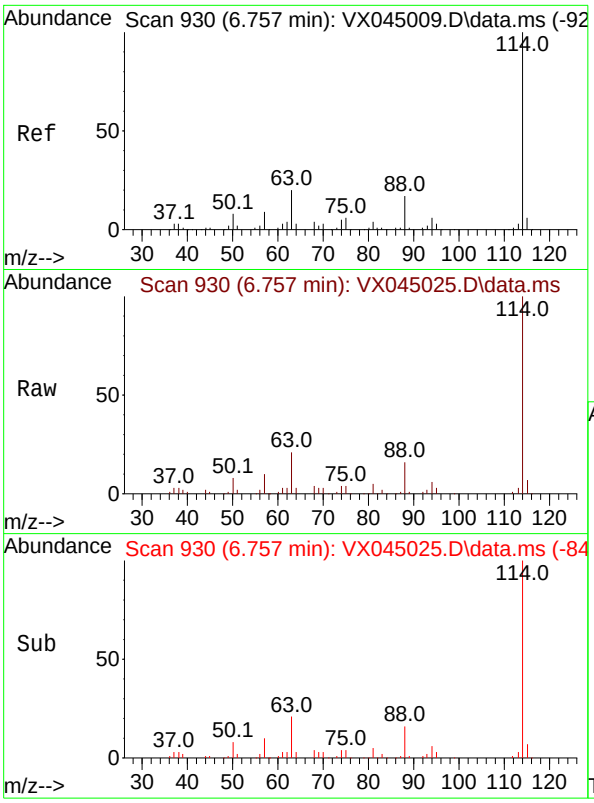


#27
1,2-Dichloroethane-d4
Concen: 29.424 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 65 Resp: 55082

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.6	64.0



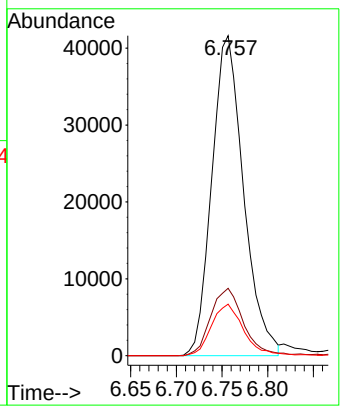


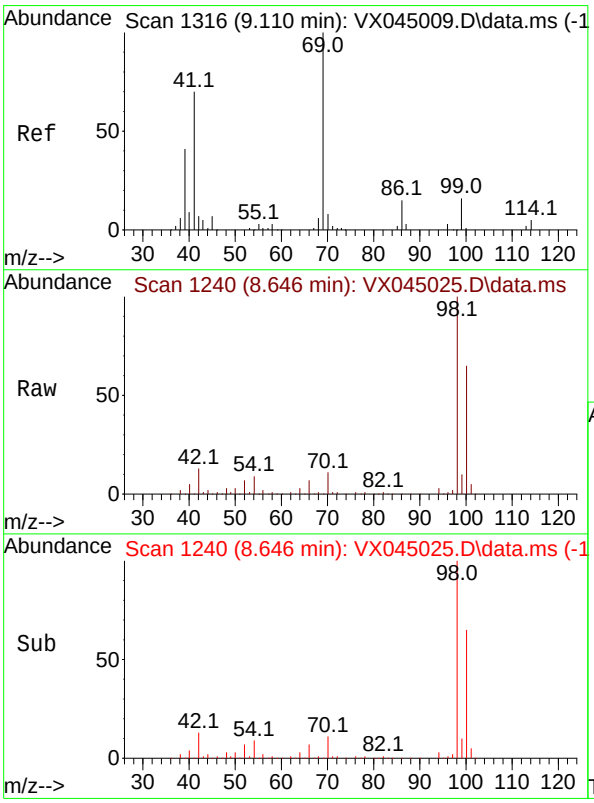
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 100345

Ion	Ratio	Lower	Upper
114	100		
63	21.6	16.8	25.2
88	16.4	12.7	19.1

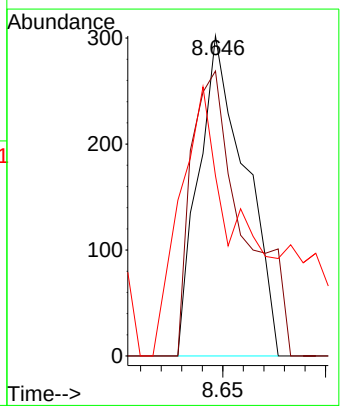


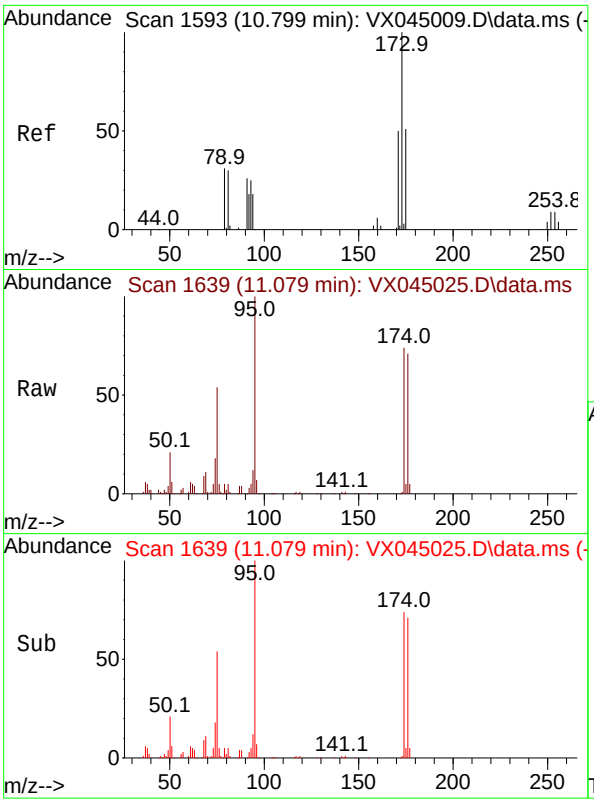


#51
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.464 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 69 Resp: 476

Ion	Ratio	Lower	Upper
69	100		
41	89.1	35.1	105.3
39	25.8	20.5	61.6



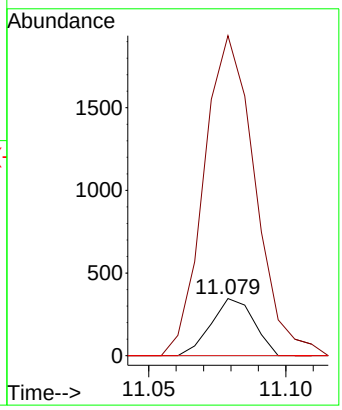


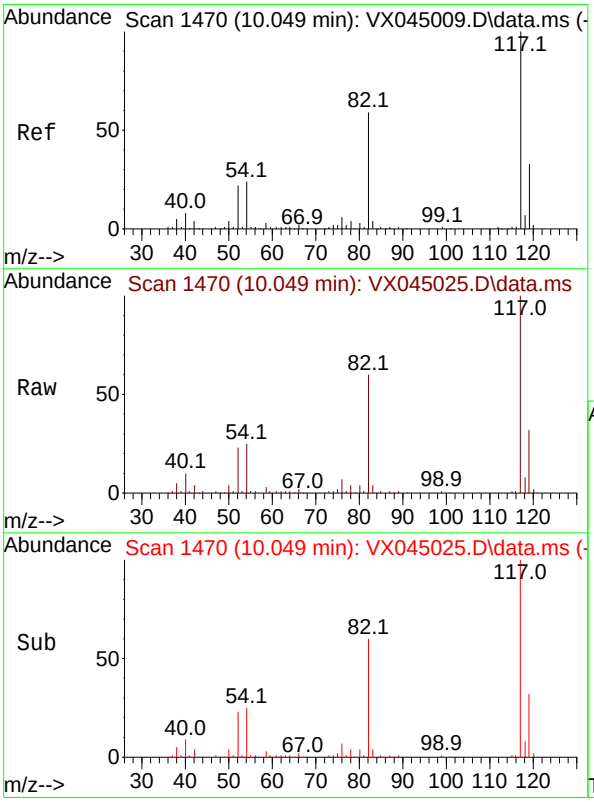
#56
Bromoform
Concen: 0.405 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.280 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 378

Ion	Ratio	Lower	Upper
173	100		
175	666.1	39.6	59.4#
254	0.0	6.3	9.5#

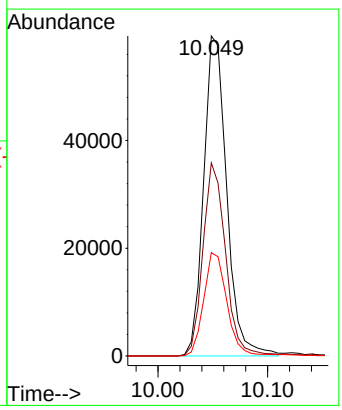


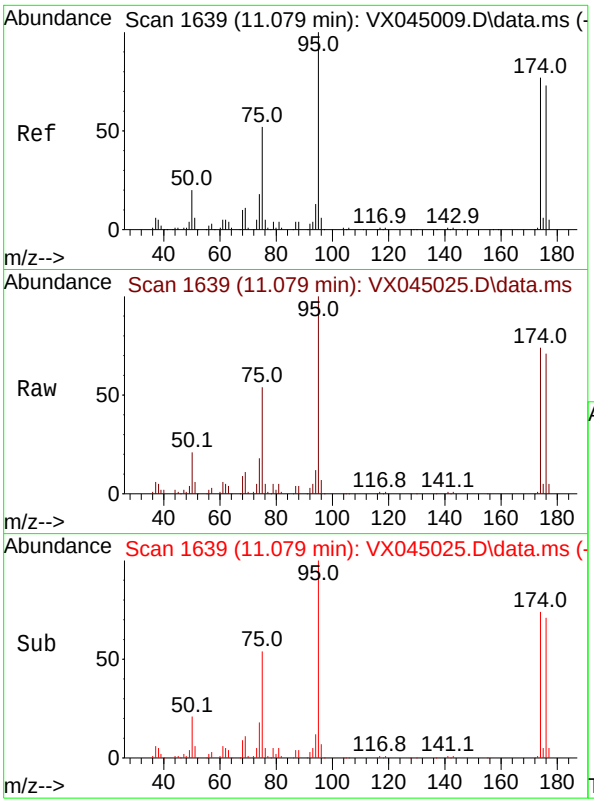


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion:117 Resp: 86987

Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.8	68.8
119	32.8	25.5	38.3



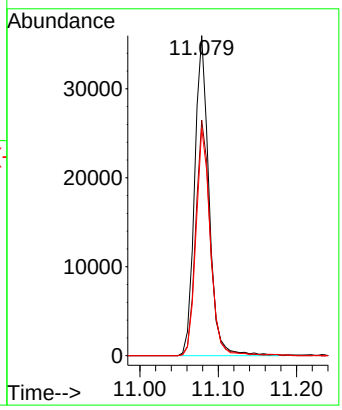


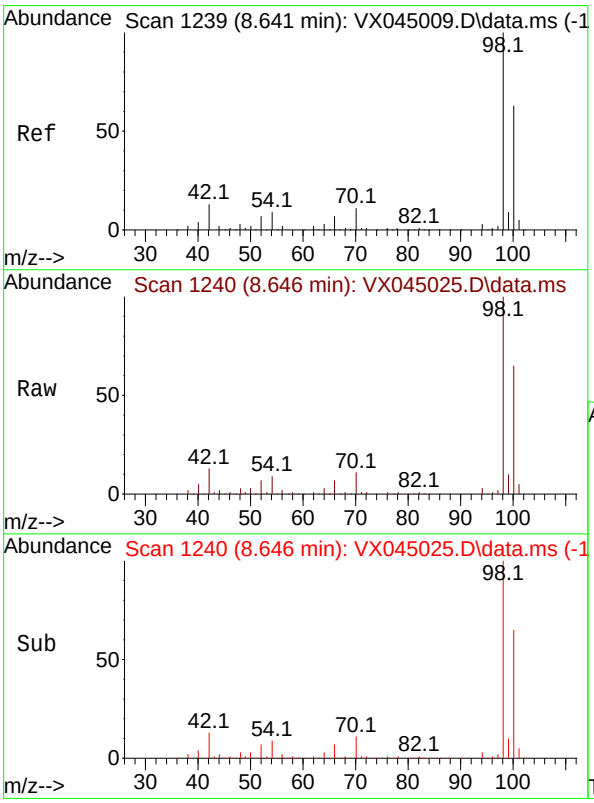
#60
4-Bromofluorobenzene
Concen: 28.263 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 45953

Ion	Ratio	Lower	Upper
95	100		
174	73.6	59.5	89.3
176	70.4	55.5	83.3

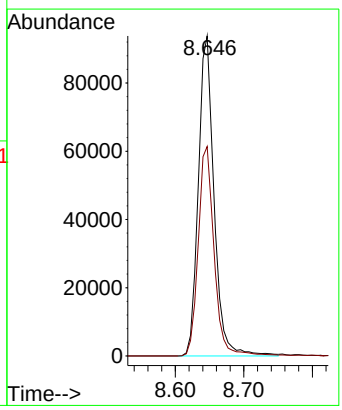


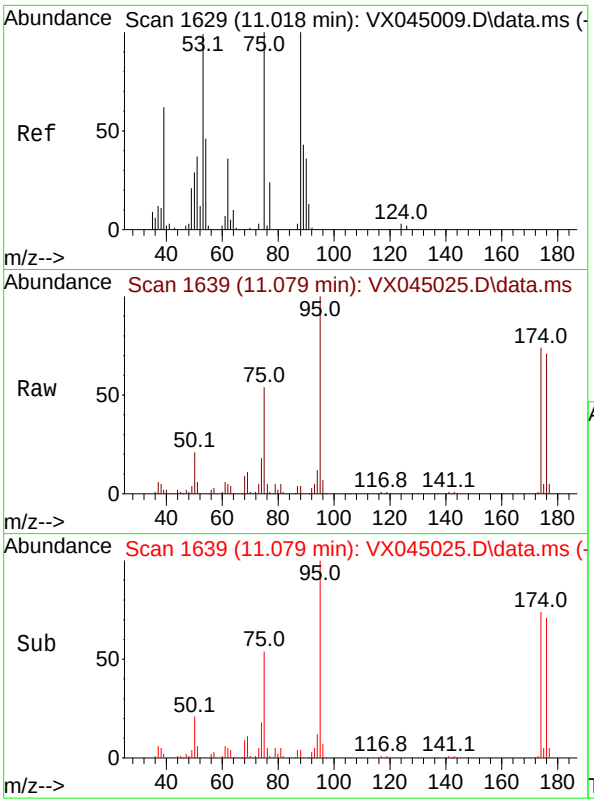


#63
Toluene-d8
Concen: 31.134 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 98 Resp: 149824

Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.7	77.5





#77
t-1,4-Dichloro-2-butene
Concen: 45.435 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.060 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 24606

Ion	Ratio	Lower	Upper
75	100		
53	0.0	49.8	149.4#
89	0.0	21.4	64.2#