Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
Data File : VX042953.D
Acq On : 08 Aug 2024 14:37
Operator : JC/MD
Sample : PB162548ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Quant Time: Aug 09 05:09:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 07 04:53:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	40494	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	224175	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	193573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	103935	27.796	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 92.667%			
60) 4-Bromofluorobenzene	11.079	95	83921	26.574	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.567%			
63) Toluene-d8	8.647	98	272695	31.187	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.967%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	323	0.227	ug/l	99
15) Acetone	2.386	58	1135	2.174	ug/l #	46
18) Methylene Chloride	2.788	84	7047	2.507	ug/l #	91
23) tert-Butyl Alcohol	2.941	59	7360	9.914	ug/l #	100
51) Ethyl methacrylate	8.653	69	897	0.226	ug/l	83
56) Bromoform	11.079	173	643	0.317	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	42780	39.511	ug/l #	11

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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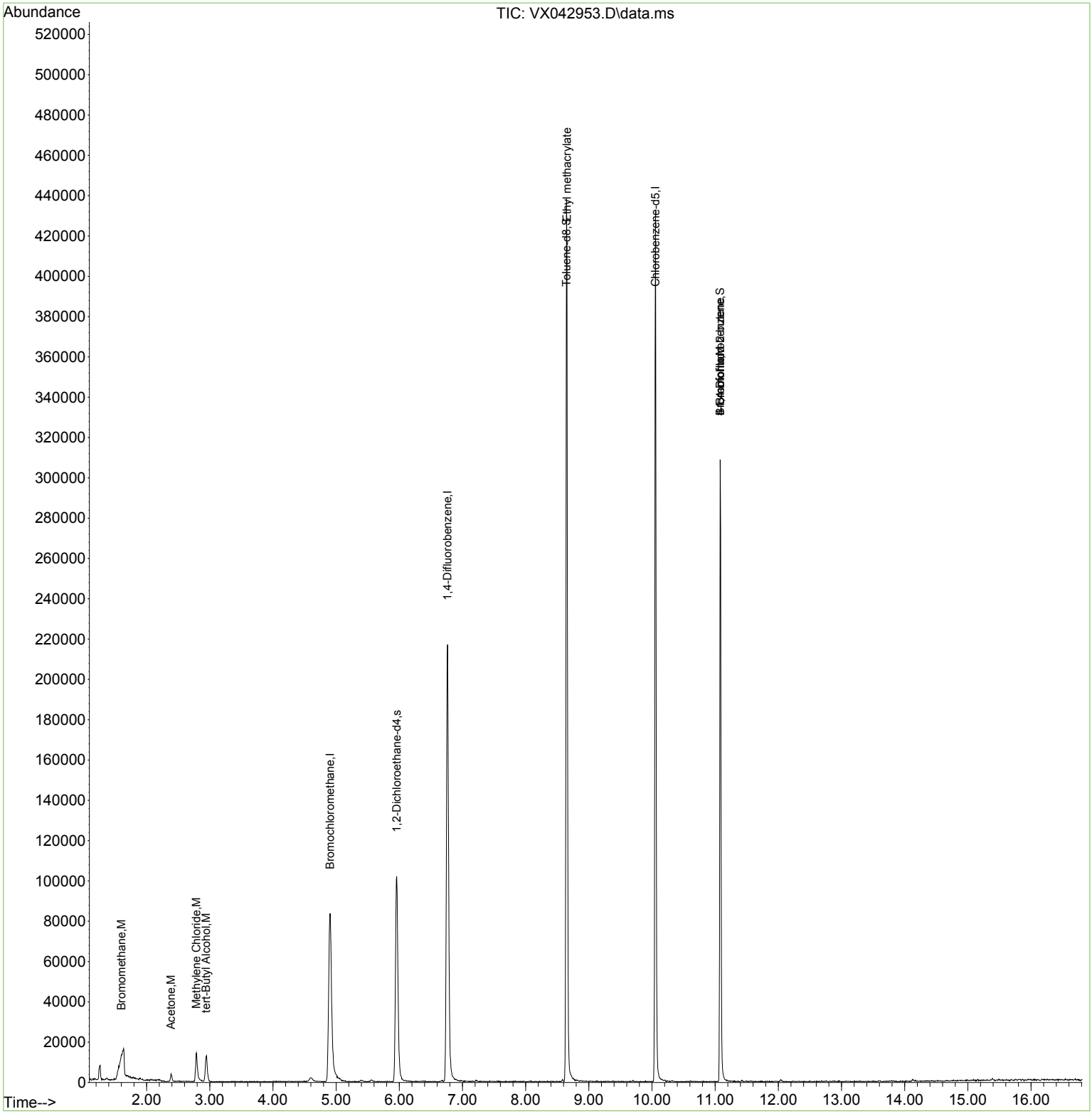
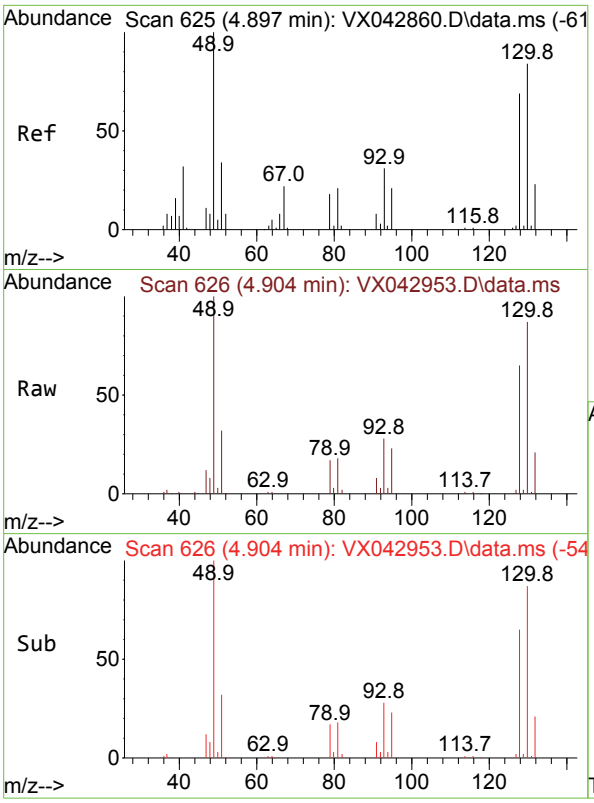


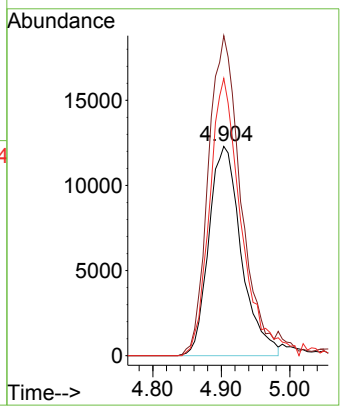


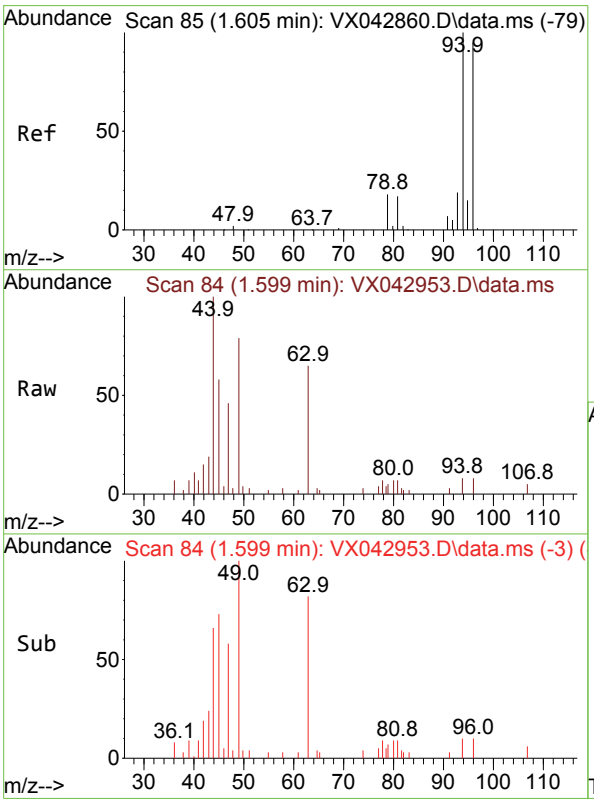
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.007 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion:128 Resp: 40494

Ion	Ratio	Lower	Upper
128	100		
49	152.0	0.0	400.5
130	122.4	0.0	333.0

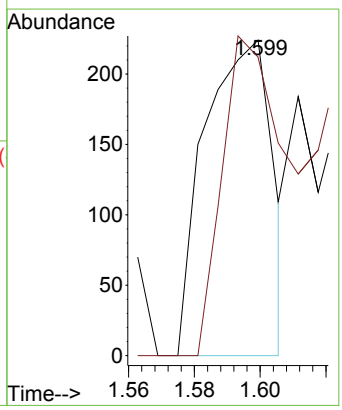


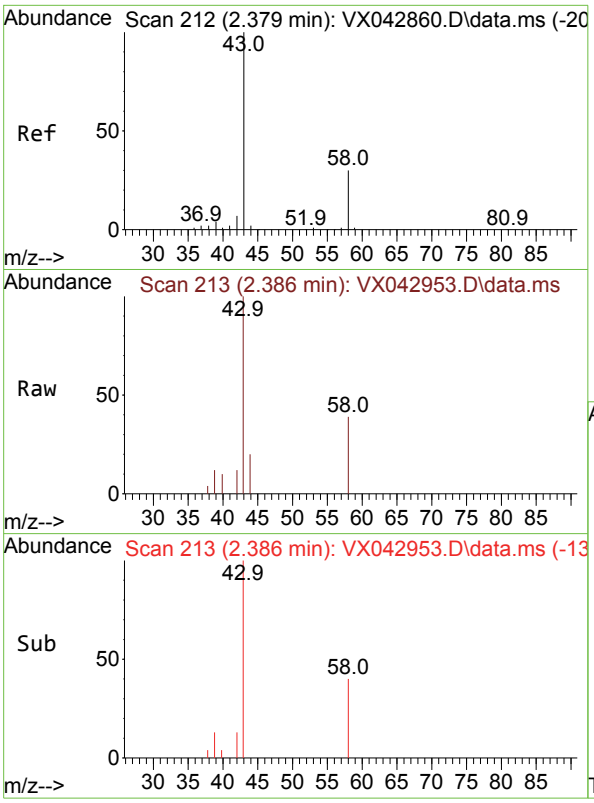


#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 94 Resp: 323

Ion	Ratio	Lower	Upper
94	100		
96	94.6	76.2	114.4



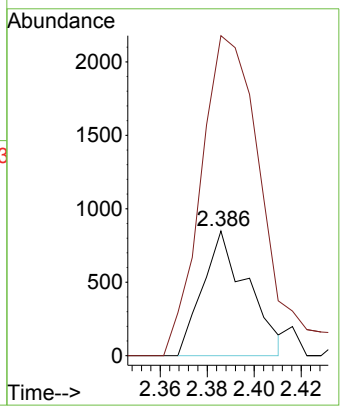


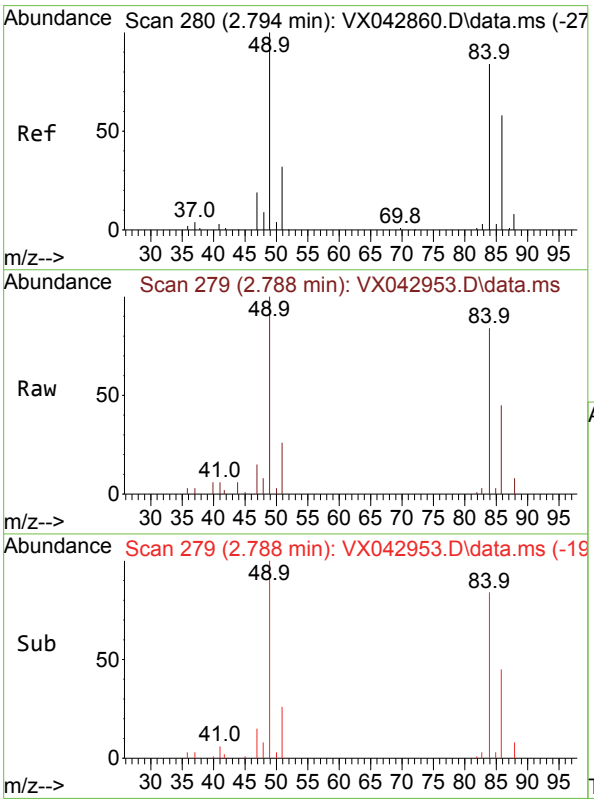
#15
Acetone
Concen: 2.174 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion: 58 Resp: 1135

Ion	Ratio	Lower	Upper
58	100		
43	222.1	269.9	404.9#

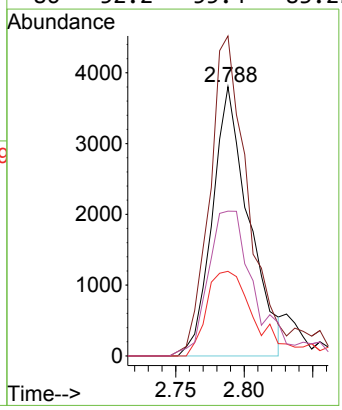


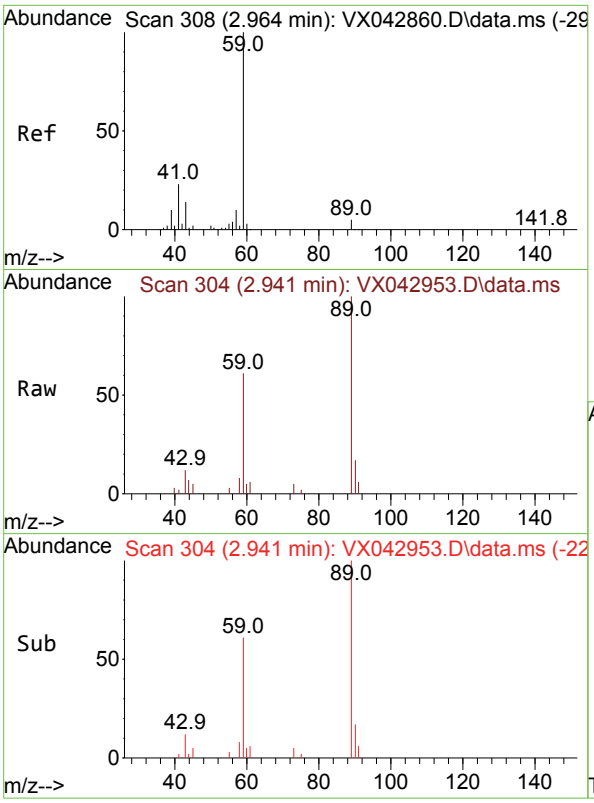


#18
Methylene Chloride
Concen: 2.507 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 84 Resp: 7047

Ion	Ratio	Lower	Upper
84	100		
49	117.2	95.0	142.6
51	31.4	30.1	45.1
86	52.2	55.4	83.2#



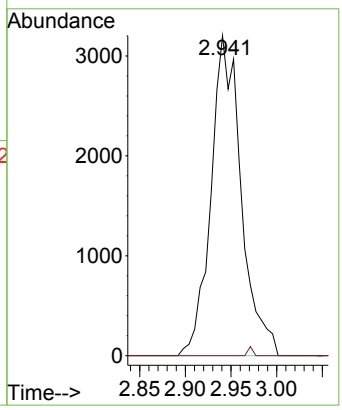


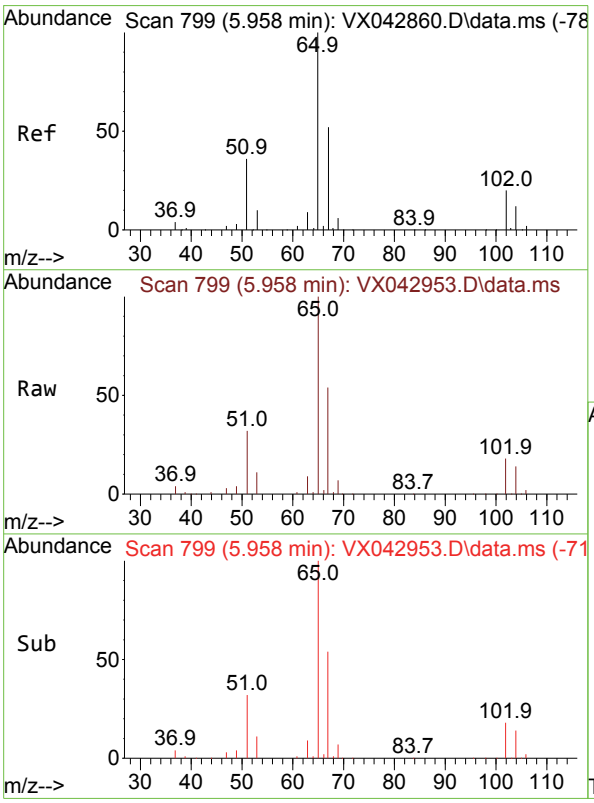
#23
tert-Butyl Alcohol
Concen: 9.914 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.024 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion: 59 Resp: 7360

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#

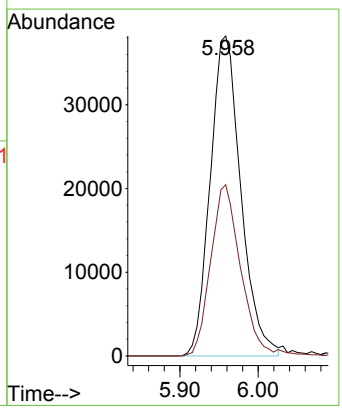


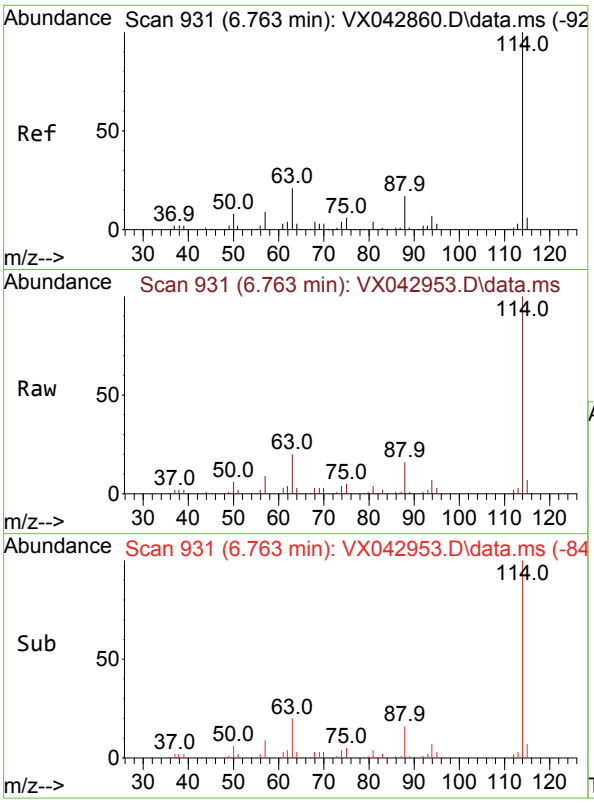


#27
1,2-Dichloroethane-d4
Concen: 27.796 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 65 Resp: 103935

Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.6	60.8



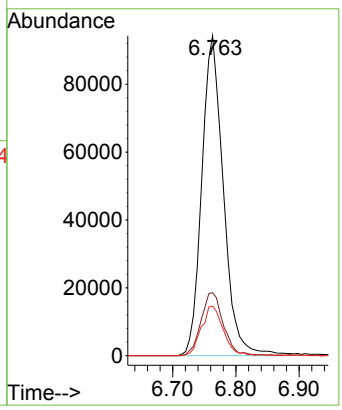


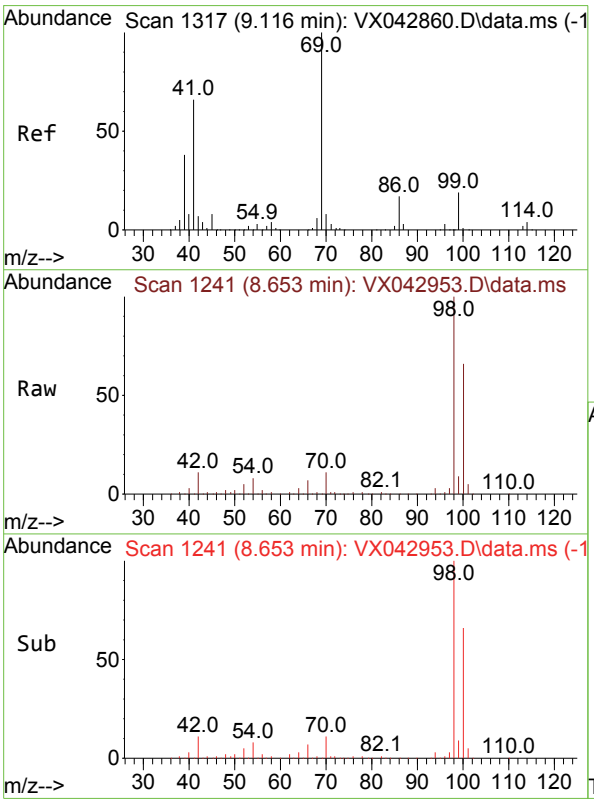
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion:114 Resp: 224175

Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.0	24.0
88	15.6	12.5	18.7

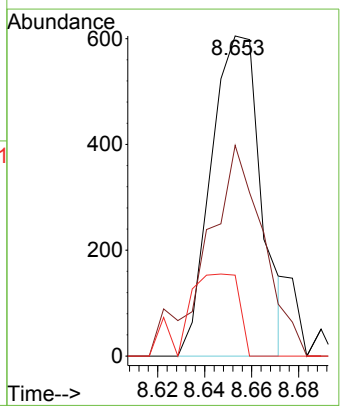


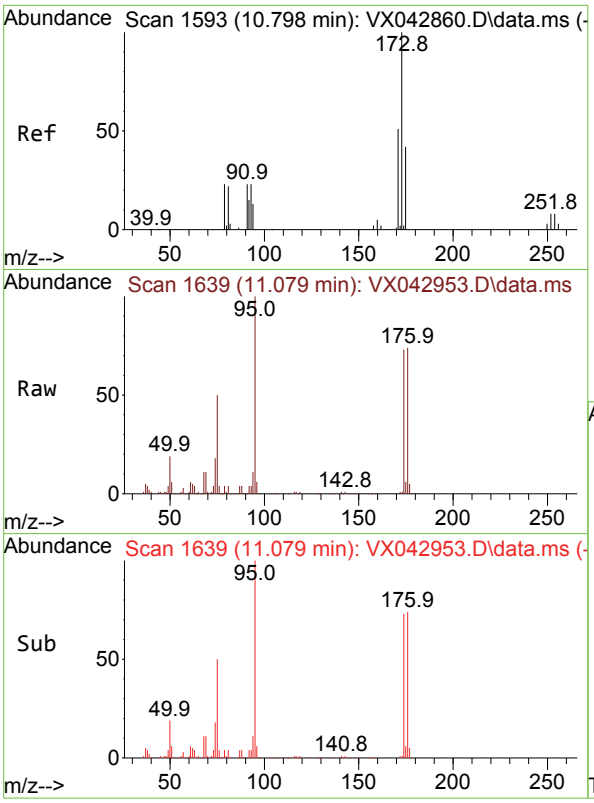


#51
Ethyl methacrylate
Concen: 0.226 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 69 Resp: 897

Ion	Ratio	Lower	Upper
69	100		
41	54.7	33.1	99.2
39	25.3	18.8	56.3



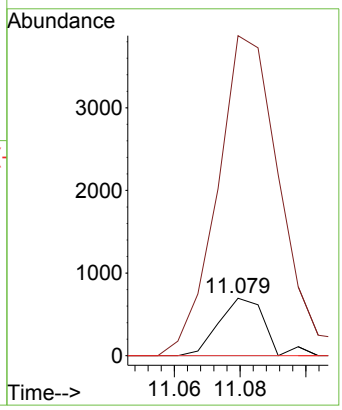


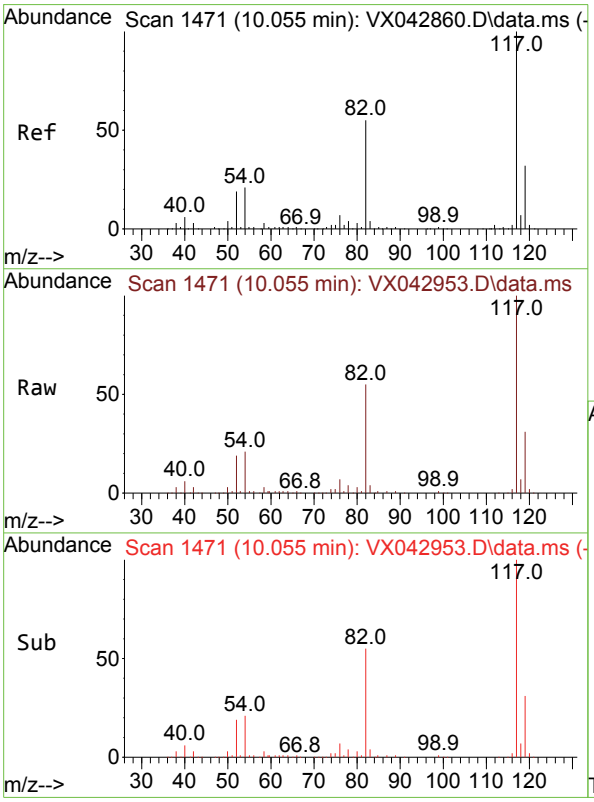
#56
Bromoform
Concen: 0.317 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.281 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion:173 Resp: 643

Ion	Ratio	Lower	Upper
173	100		
175	801.2	37.1	55.7#
254	0.0	6.6	10.0#

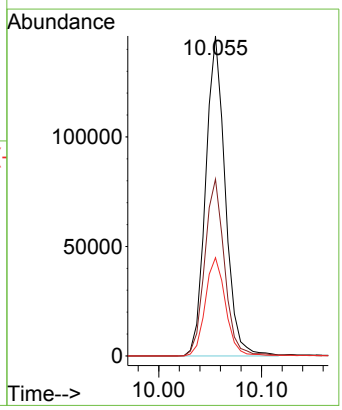


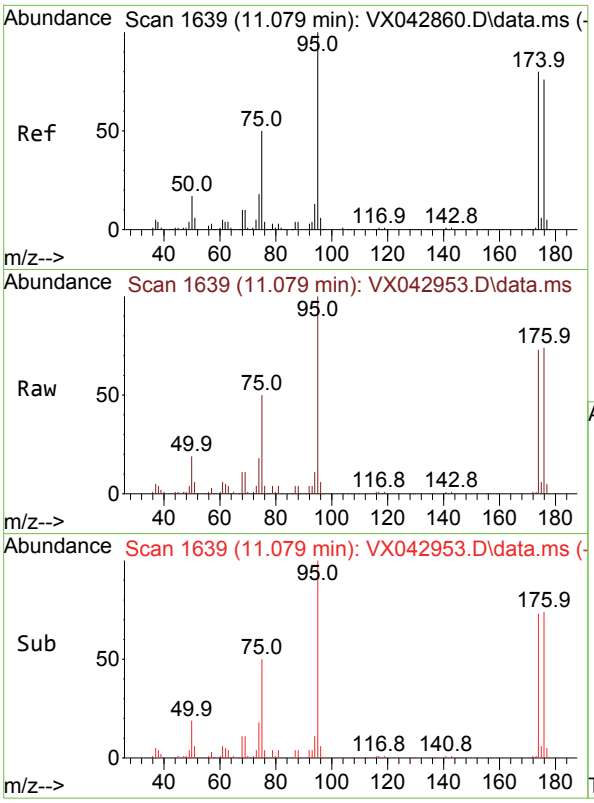


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion:117 Resp: 193573

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.9	67.3
119	31.9	25.4	38.2



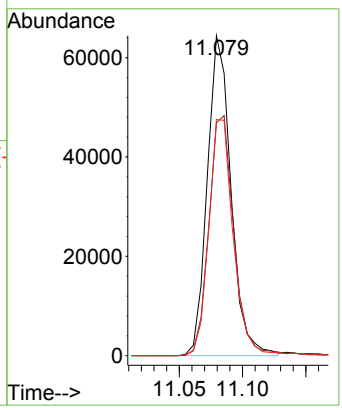


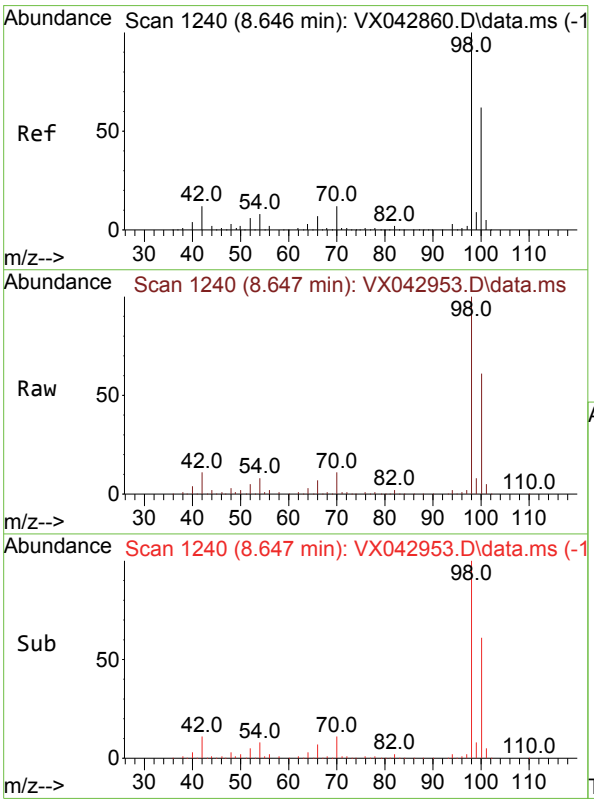
#60
4-Bromofluorobenzene
Concen: 26.574 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion: 95 Resp: 83921

Ion	Ratio	Lower	Upper
95	100		
174	79.3	65.0	97.6
176	75.8	63.4	95.0

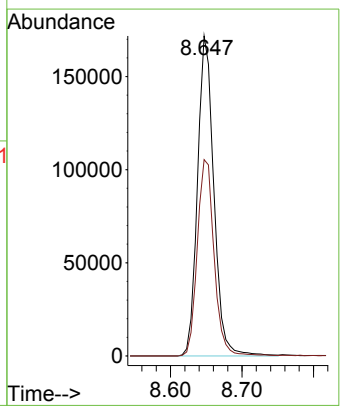


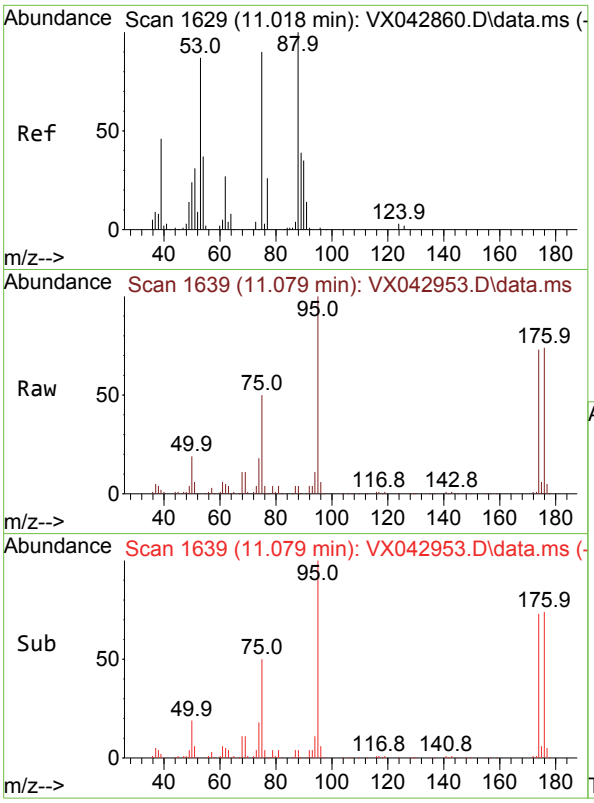


#63
Toluene-d8
Concen: 31.187 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Tgt Ion: 98 Resp: 272695

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3





#77
t-1,4-Dichloro-2-butene
Concen: 39.511 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042953.D
Acq: 08 Aug 2024 14:37

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#07

Tgt Ion: 75 Resp: 42780

Ion	Ratio	Lower	Upper
75	100		
53	0.0	48.5	145.5#
89	0.2	21.9	65.5#