Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
Data File : VX044864.D
Acq On : 07 Feb 2025 13:25
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Feb 07 22:14:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.897	128	19332	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	112117	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	101723	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	57293	30.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.333%			
60) 4-Bromofluorobenzene	11.079	95	53004	26.827	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.433%			
63) Toluene-d8	8.647	98	164771	29.781	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.267%			
Target Compounds						Qvalue
6) Chloroethane	1.922	64	297	1.059	ug/l	90
13) Acrolein	2.081	56	75	0.325	ug/l	97
23) tert-Butyl Alcohol	2.940	59	2621	7.134	ug/l #	100
56) Bromoform	11.079	173	345	0.293	ug/l #	1
58) 4-Methyl-2-Pentanone	8.647	43	807	0.376	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	26674	29.406	ug/l #	13

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

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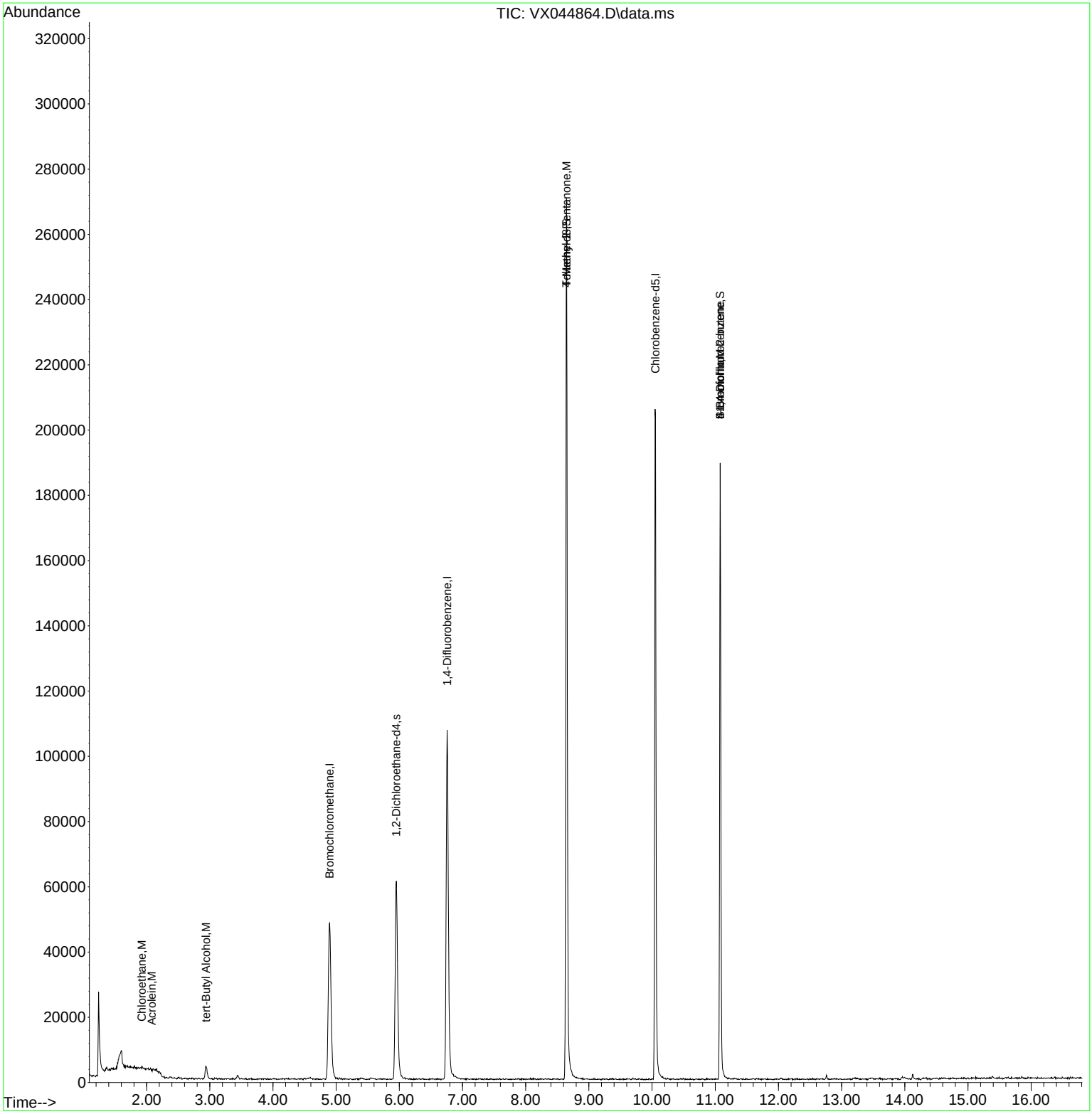
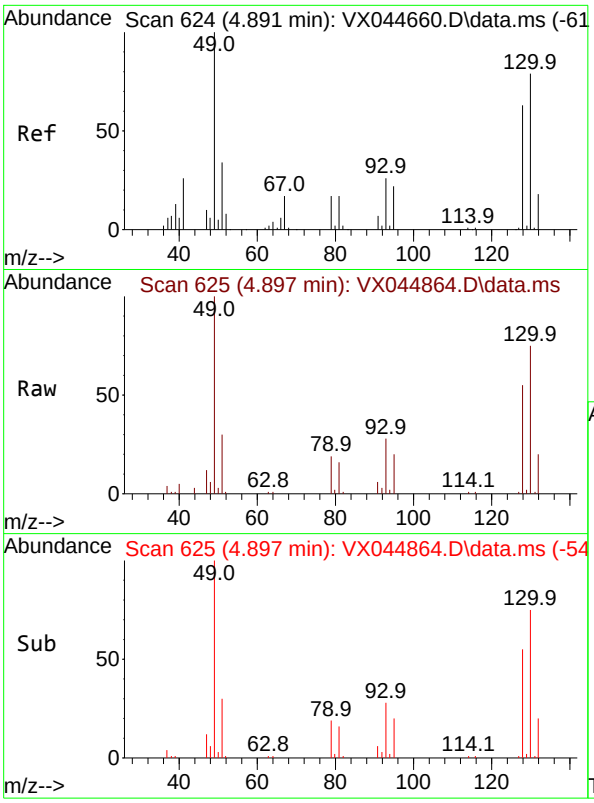


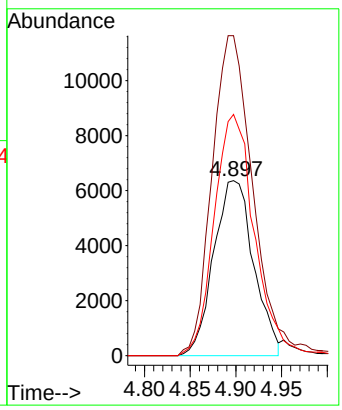


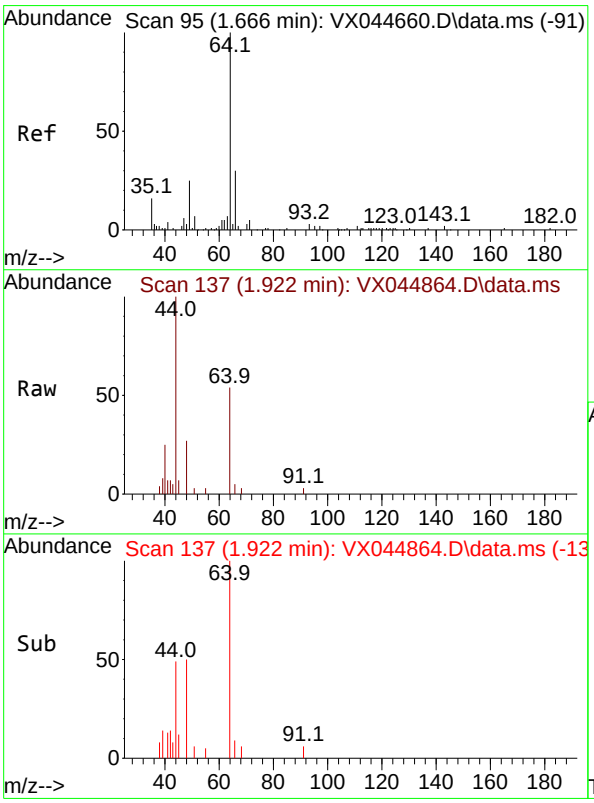
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 19332

Ion	Ratio	Lower	Upper
128	100		
49	185.3	0.0	411.5
130	139.4	0.0	324.3

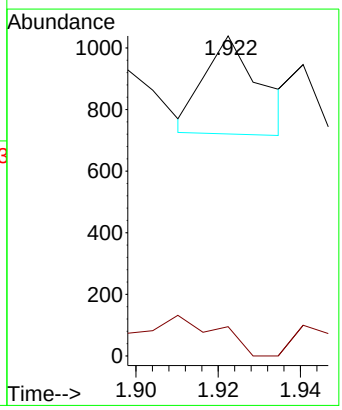


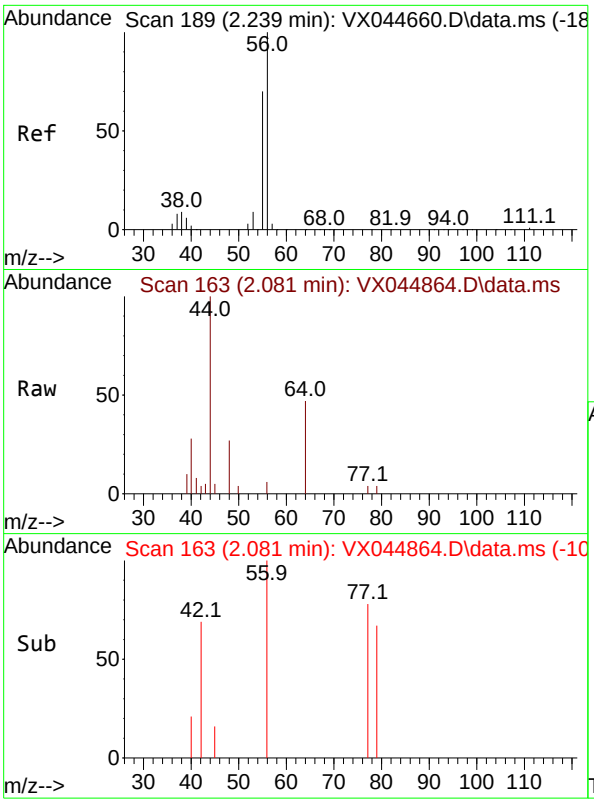


#6
Chloroethane
Concen: 1.059 ug/l
RT: 1.922 min Scan# 137
Delta R.T. 0.256 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 64 Resp: 297

Ion	Ratio	Lower	Upper
64	100		
66	35.3	23.8	35.6



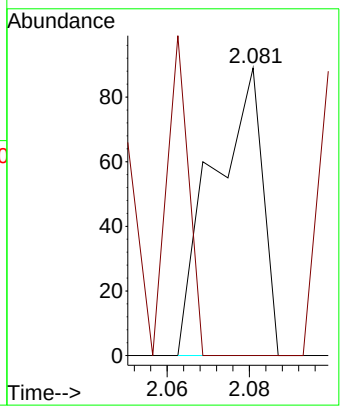


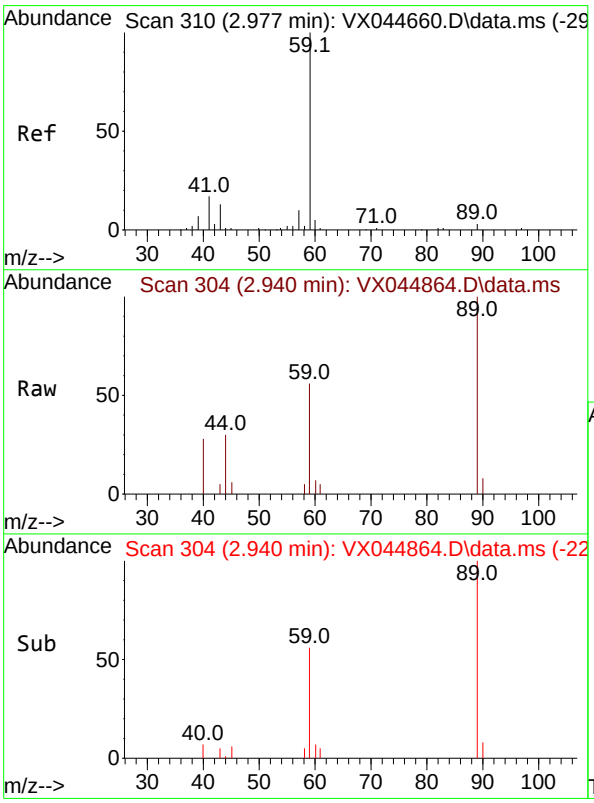
#13
Acrolein
Concen: 0.325 ug/l
RT: 2.081 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 75

Ion	Ratio	Lower	Upper
56	100		
55	74.7	57.5	86.3

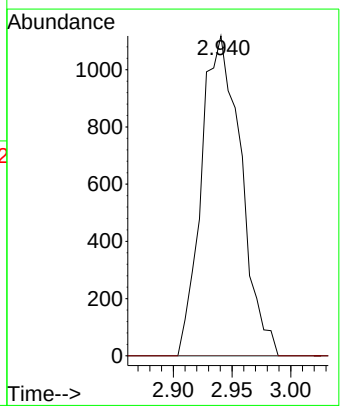


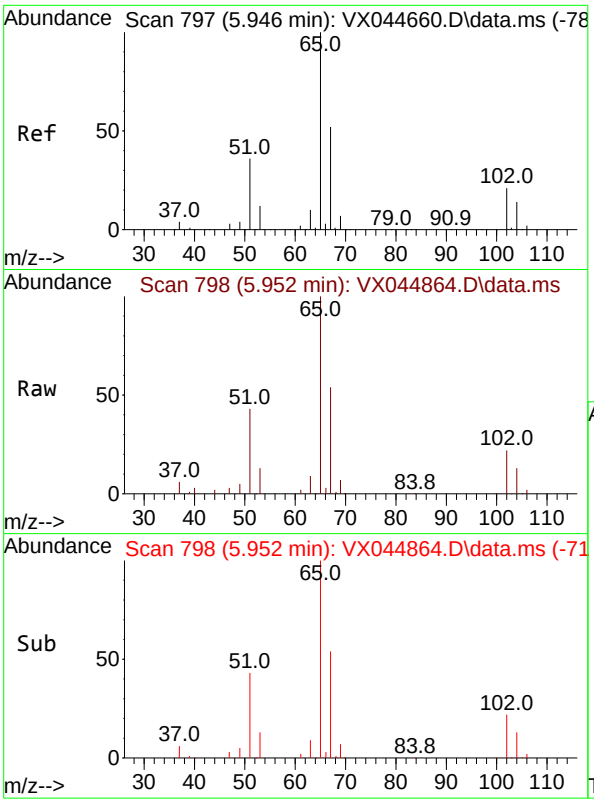


#23
tert-Butyl Alcohol
Concen: 7.134 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 59 Resp: 2621

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#



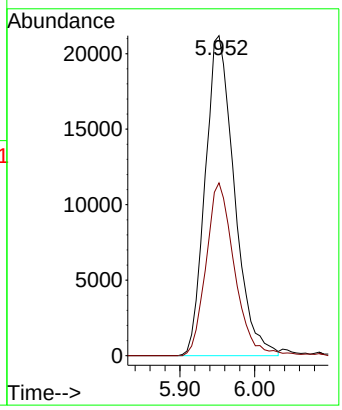


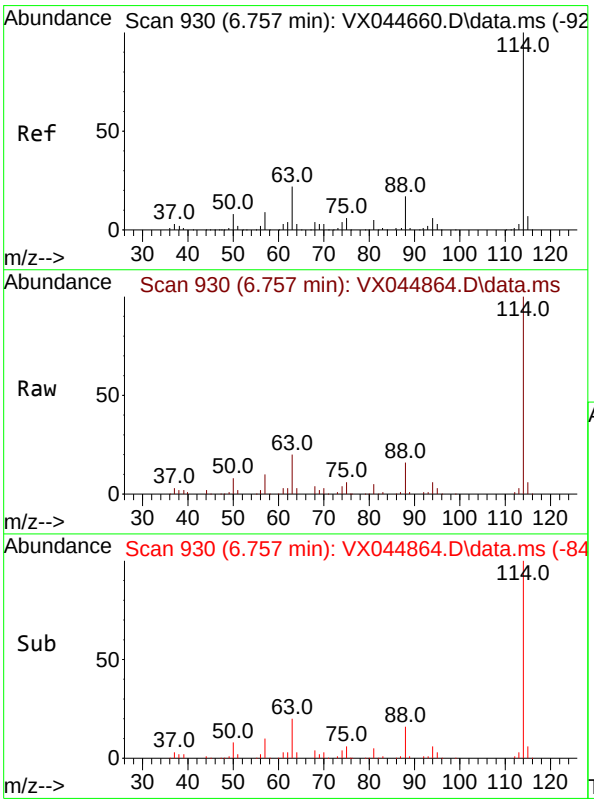
#27
1,2-Dichloroethane-d4
Concen: 30.699 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 57293

Ion	Ratio	Lower	Upper
65	100		
67	51.8	41.4	62.2

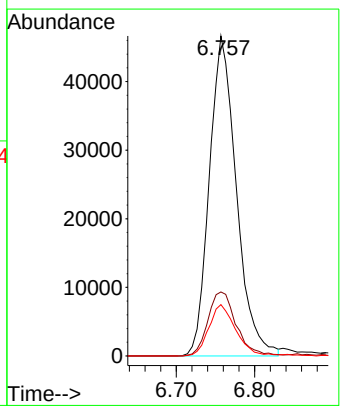


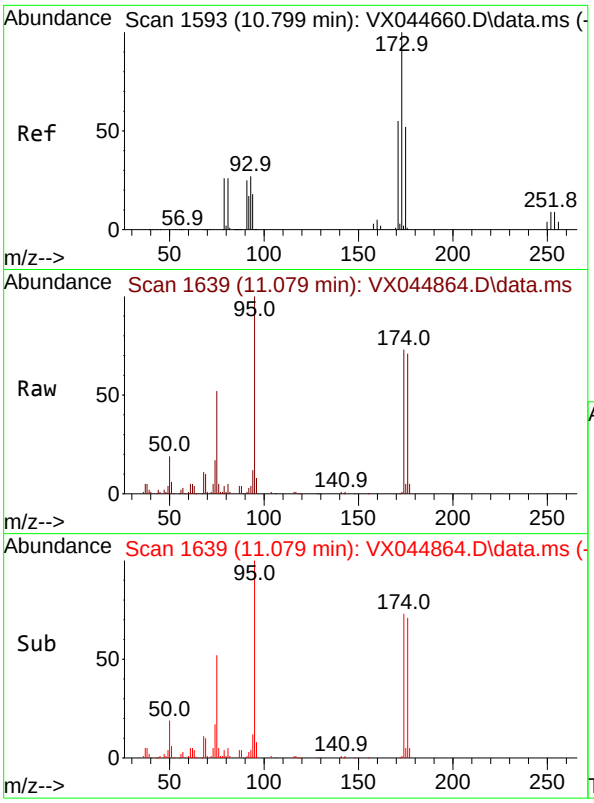


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion:114 Resp: 112117

Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.6	24.8
88	15.9	13.4	20.2



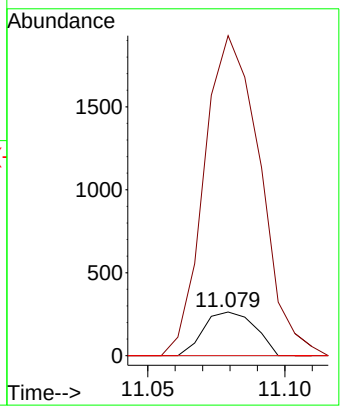


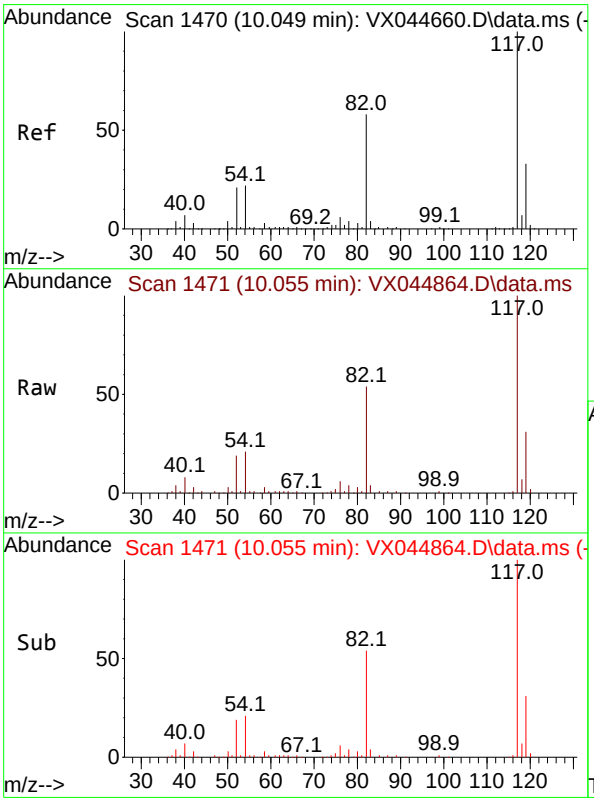
#56
Bromoform
Concen: 0.293 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.280 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:173 Resp: 345

Ion	Ratio	Lower	Upper
173	100		
175	794.5	39.0	58.6#
254	0.0	6.5	9.7#

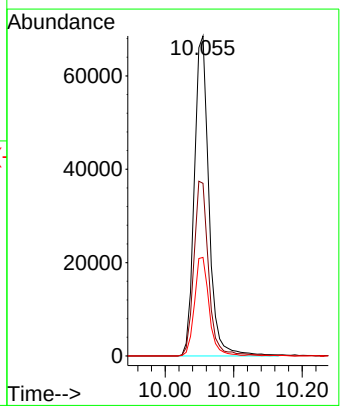


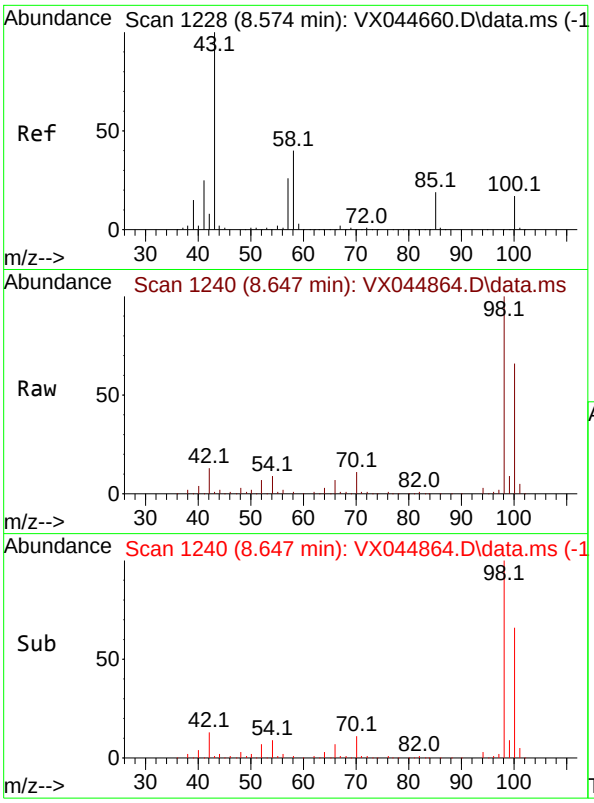


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion:117 Resp: 101723

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.8	68.6
119	30.8	25.8	38.6



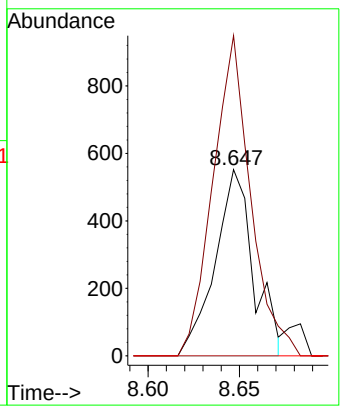


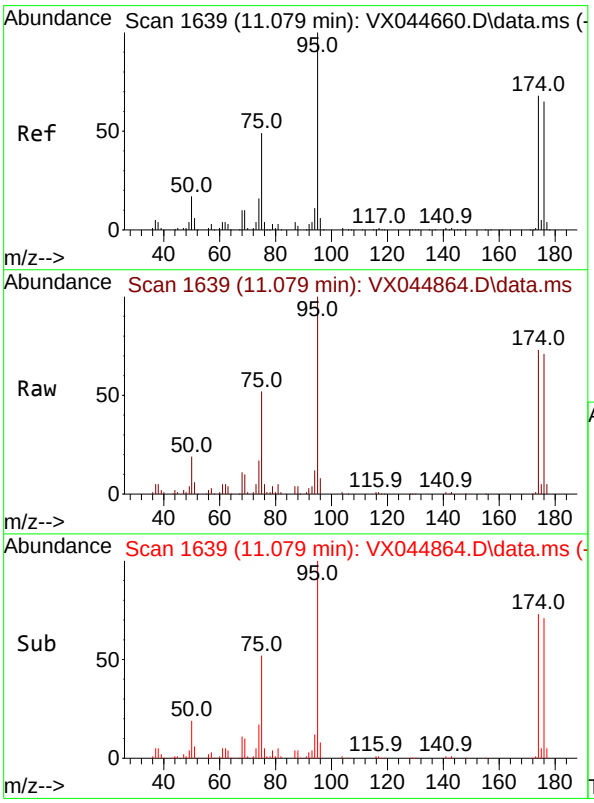
#58
4-Methyl-2-Pentanone
Concen: 0.376 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.073 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 807

Ion	Ratio	Lower	Upper
43	100		
58	168.8	31.7	47.5#
85	0.0	15.0	22.6#

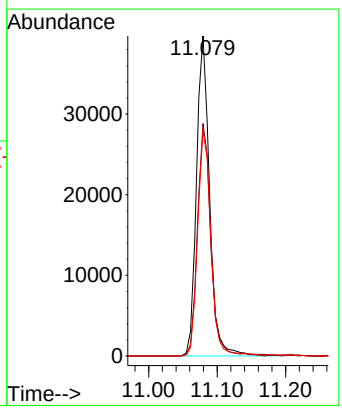


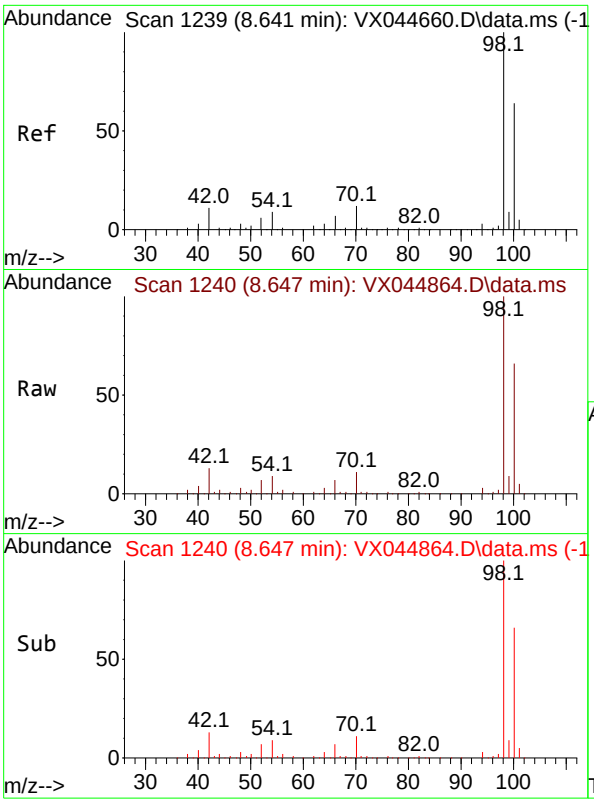


#60
4-Bromofluorobenzene
Concen: 26.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 95 Resp: 53004

Ion	Ratio	Lower	Upper
95	100		
174	73.6	54.6	81.8
176	70.3	52.8	79.2



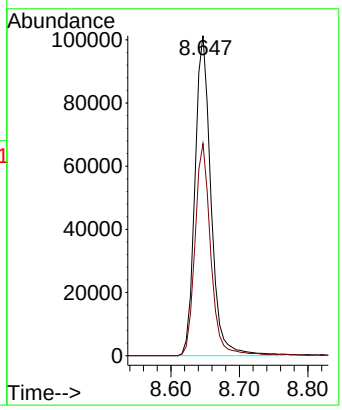


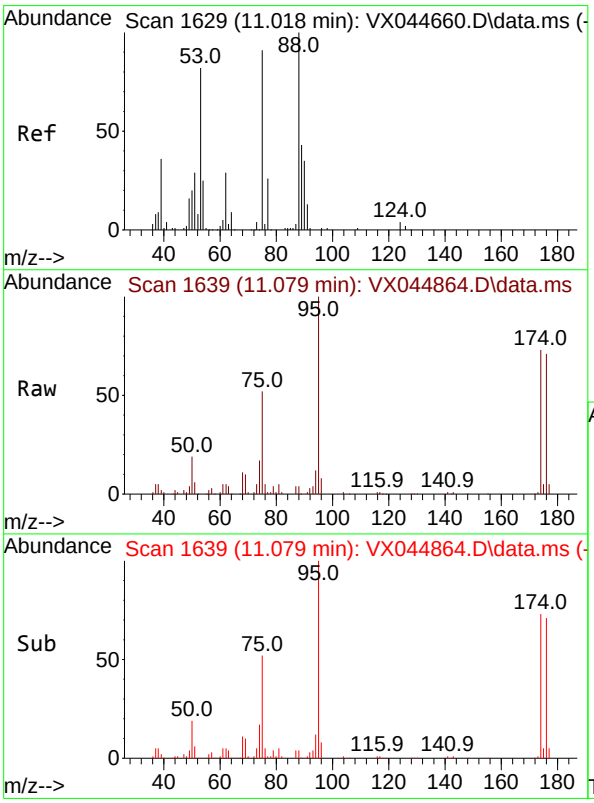
#63
Toluene-d8
Concen: 29.781 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 164771

Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.6	80.4





#77
t-1,4-Dichloro-2-butene
Concen: 29.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 75 Resp: 26674

Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.3	135.9#
89	0.4	23.8	71.2#