Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
Data File : VN086359.D
Acq On : 21 Apr 2025 14:11
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Apr 22 01:50:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration

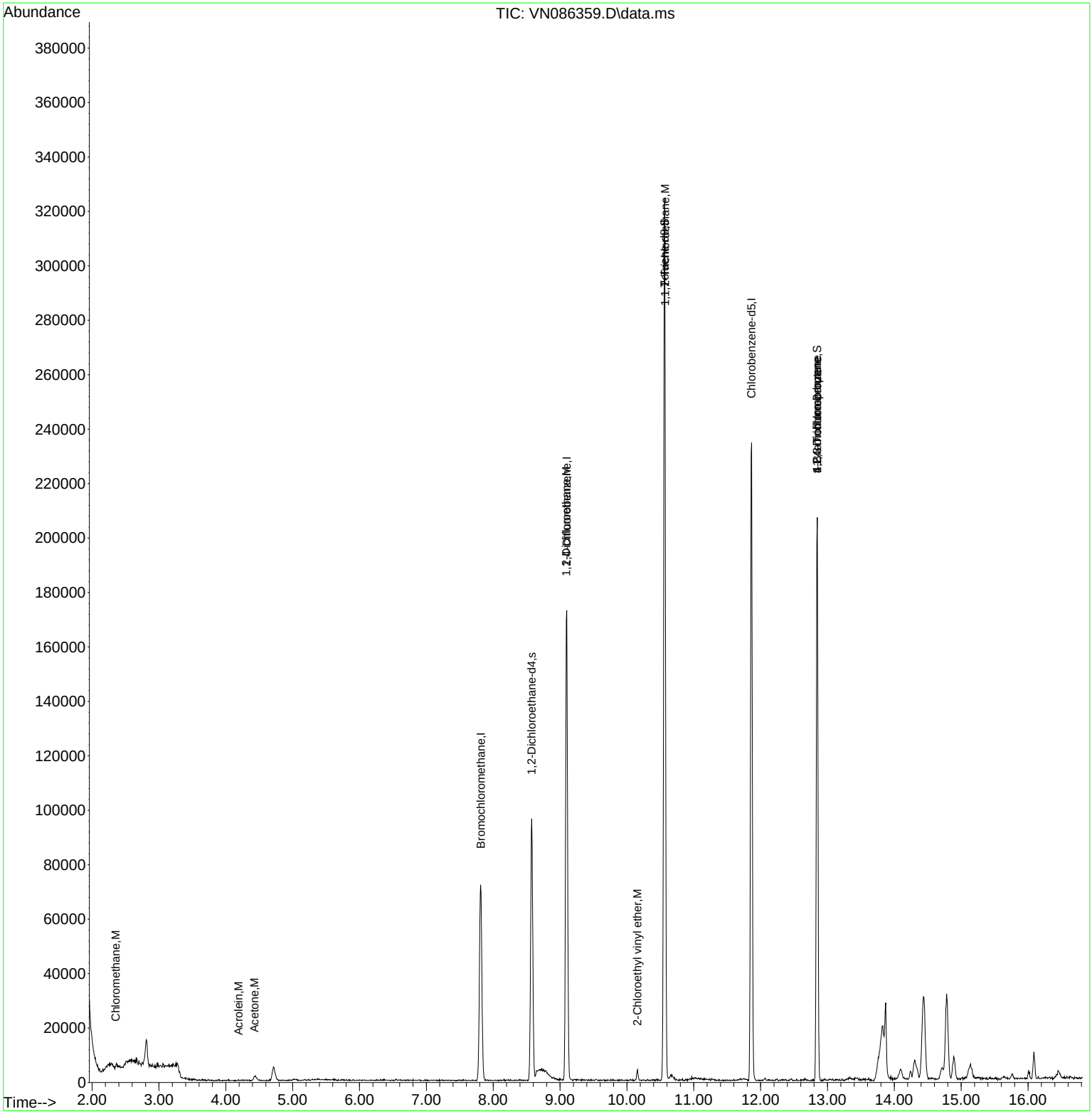
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.818	128	26452	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	9.100	114	153299	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.865	117	138840	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.577	65	79075	30.649	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.167%				
60) 4-Bromofluorobenzene	12.847	95	75968	27.482	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.600%				
63) Toluene-d8	10.565	98	228852	29.197	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.333%				
Target Compounds							Qvalue
3) Chloromethane	2.353	50	784	0.268	ug/l		93
13) Acrolein	4.189	56	118	0.365	ug/l	#	64
15) Acetone	4.430	58	470	1.544	ug/l	#	1
36) 1,2-Dichloroethane	9.094	62	5431	1.986	ug/l	#	72
50) 1,1,2-Trichloroethane	10.570	97	6496	3.299	ug/l	#	1
55) 2-Chloroethyl vinyl ether	10.159	63	1606	1.161	ug/l		95
72) 1,2,3-Trichloropropane	12.847	75	39574	14.342	ug/l		1
77) t-1,4-Dichloro-2-butene	12.847	75	39574	31.104	ug/l	#	12

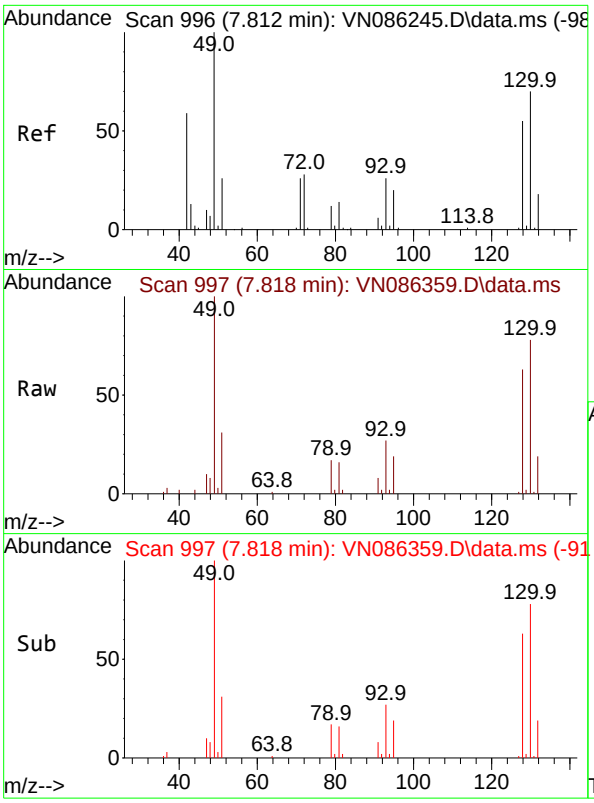
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
Data File : VN086359.D
Acq On : 21 Apr 2025 14:11
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Apr 22 01:50:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration



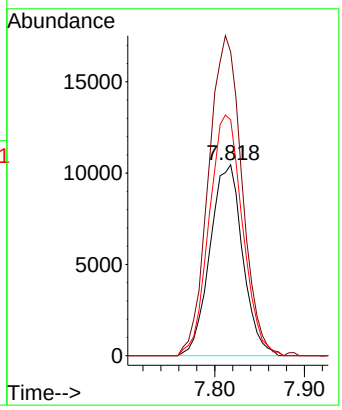


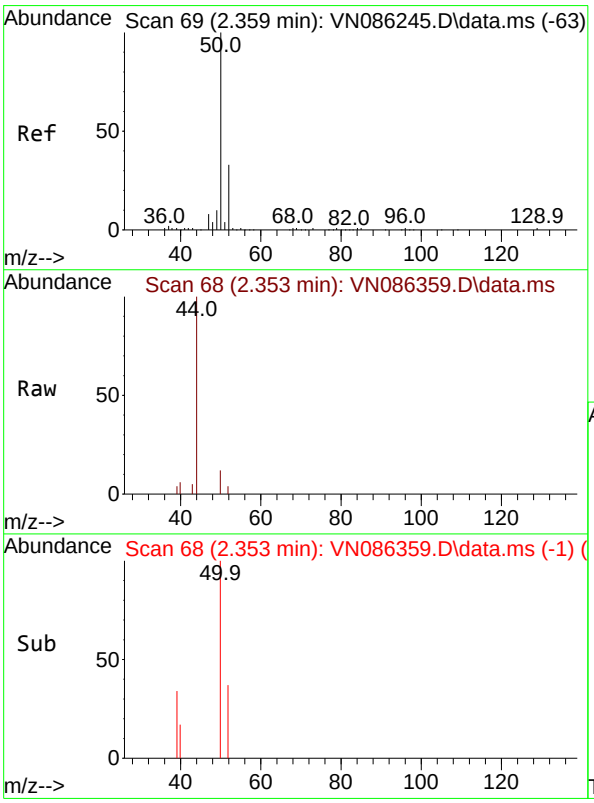
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 26452

Ion	Ratio	Lower	Upper
128	100		
49	171.0	0.0	452.5
130	129.1	0.0	315.0

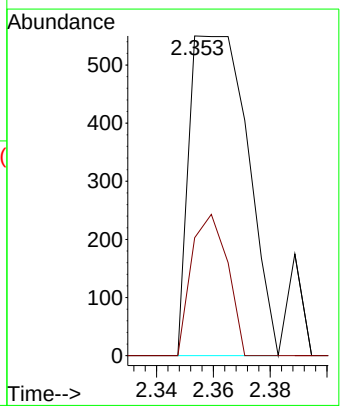


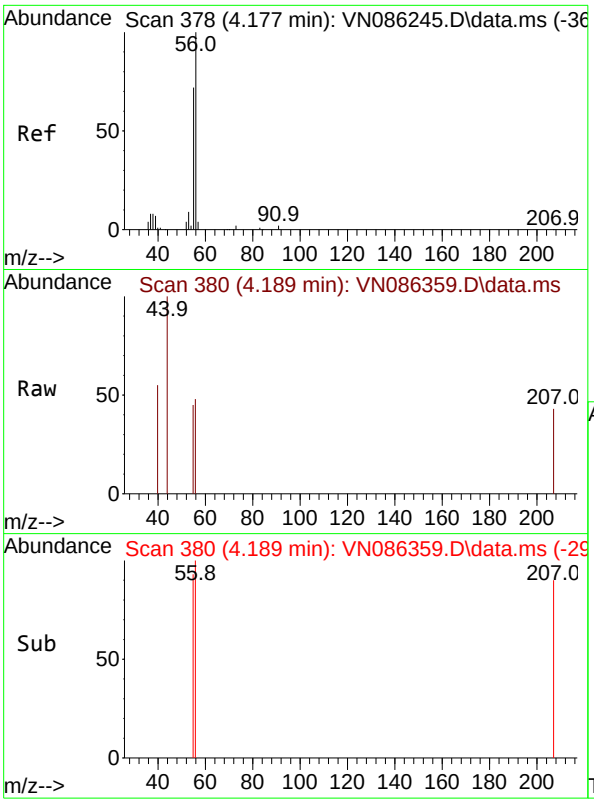


#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 50 Resp: 784

Ion	Ratio	Lower	Upper
50	100		
52	36.9	26.4	39.6



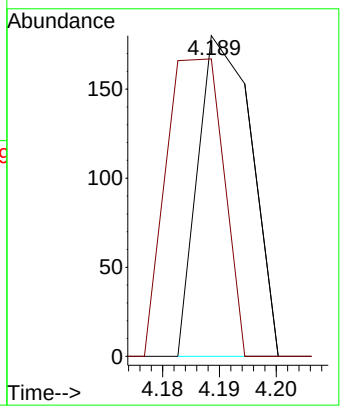


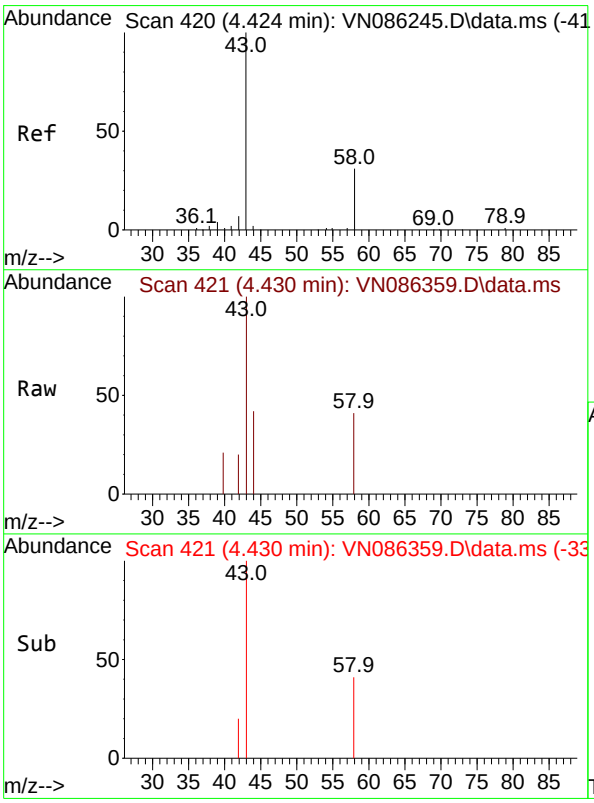
#13
Acrolein
Concen: 0.365 ug/l
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 118

Ion	Ratio	Lower	Upper
56	100		
55	100.0	56.5	84.7#

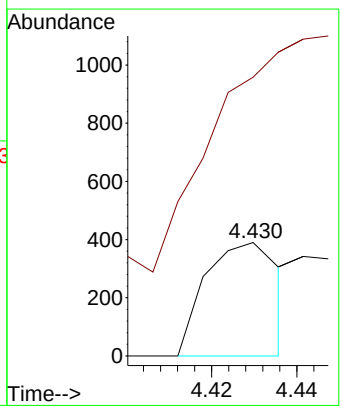


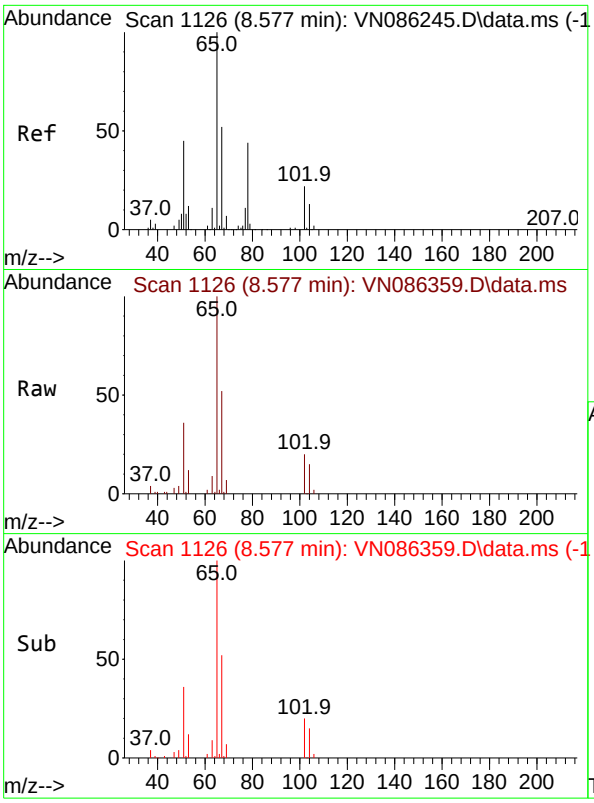


#15
Acetone
Concen: 1.544 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 58 Resp: 470

Ion	Ratio	Lower	Upper
58	100		
43	109.5	261.8	392.8#



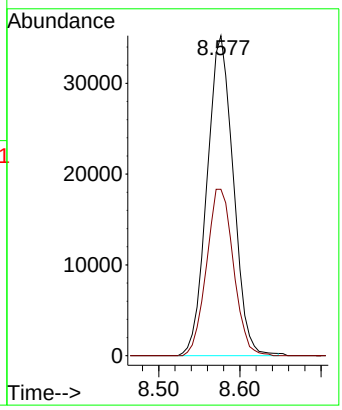


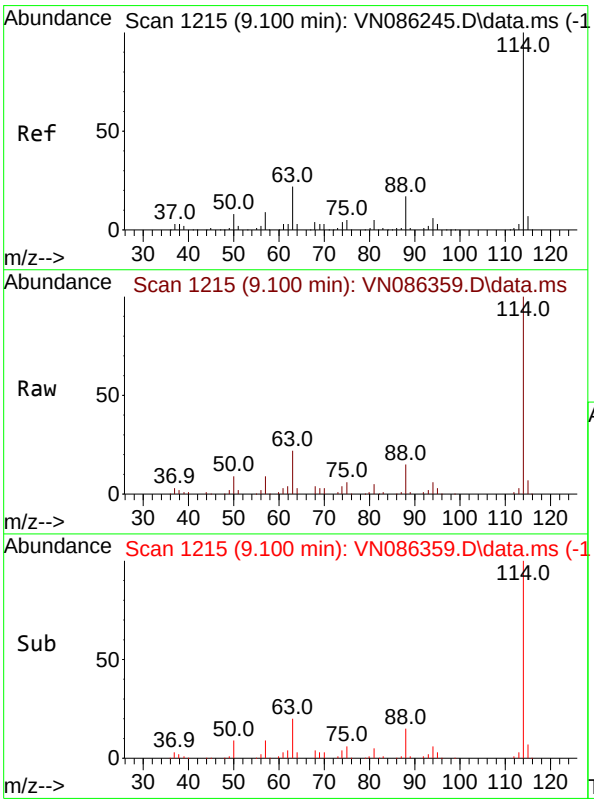
#27
1,2-Dichloroethane-d4
Concen: 30.649 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 79075

Ion	Ratio	Lower	Upper
65	100		
67	53.5	43.4	65.2

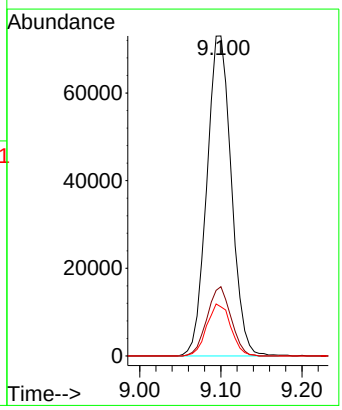


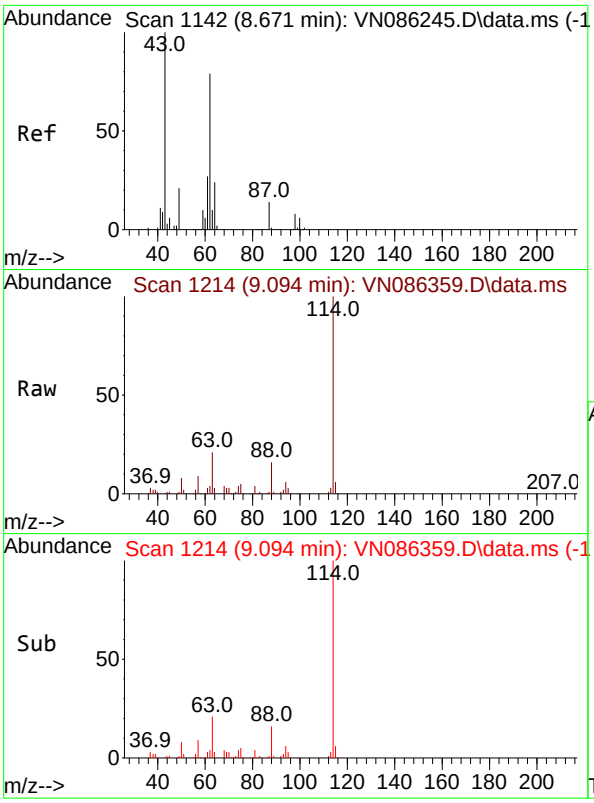


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion:114 Resp: 153299

Ion	Ratio	Lower	Upper
114	100		
63	21.1	17.8	26.6
88	15.9	13.4	20.2



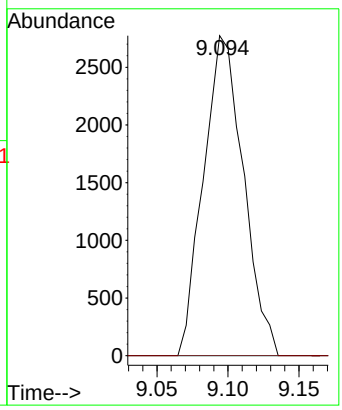


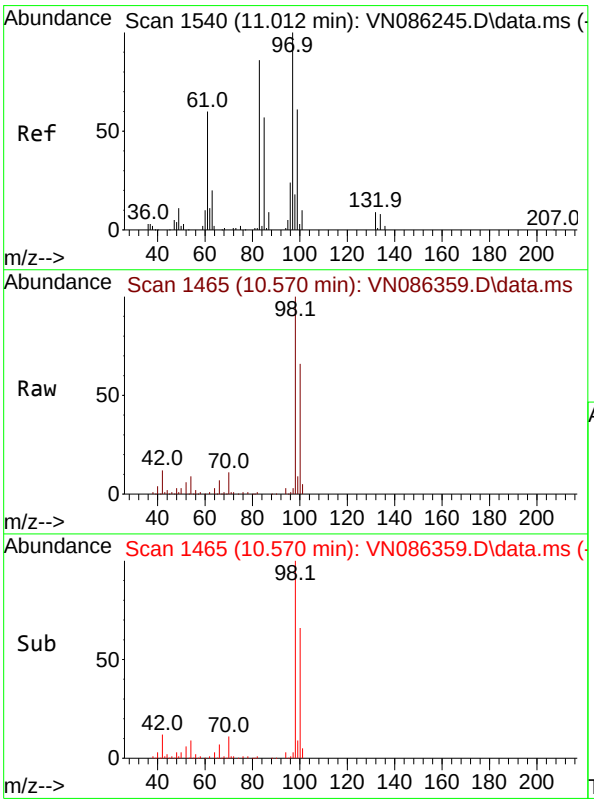
#36
1,2-Dichloroethane
Concen: 1.986 ug/l
RT: 9.094 min Scan# 1
Delta R.T. 0.423 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 62 Resp: 5431

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.6	12.8#

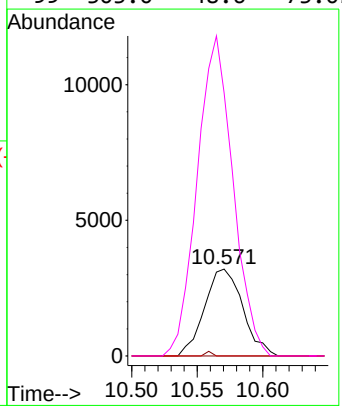


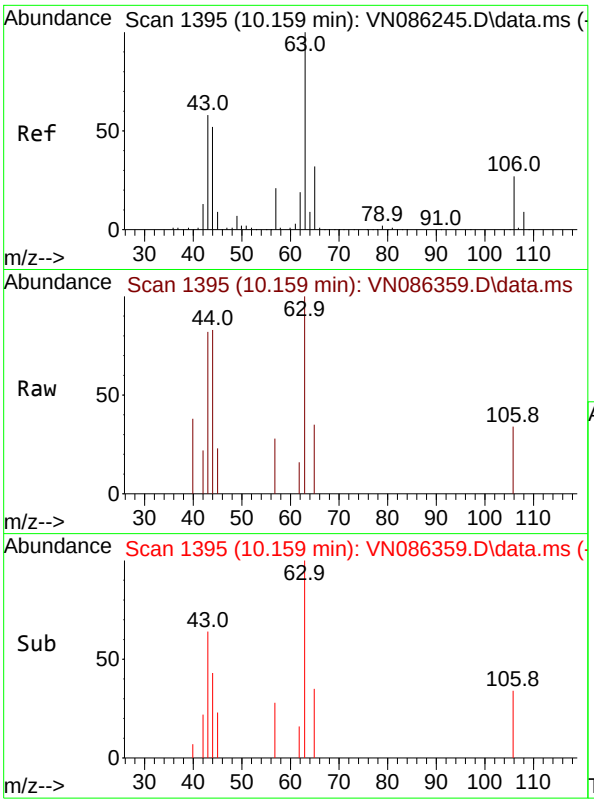


#50
1,1,2-Trichloroethane
Concen: 3.299 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.441 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 97 Resp: 6496

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.6	103.0#
85	0.0	45.9	68.9#
99	303.0	48.6	73.0#



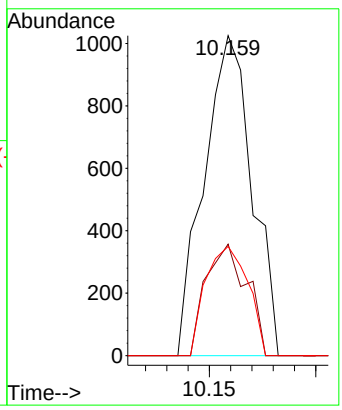


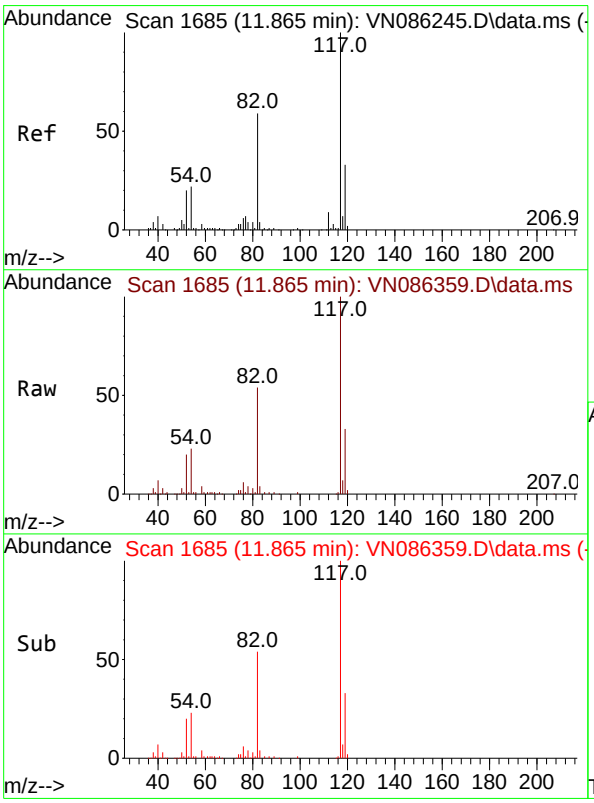
#55
2-Chloroethyl vinyl ether
Concen: 1.161 ug/l
RT: 10.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 63 Resp: 1606

Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.8	38.8
106	30.2	21.8	32.8

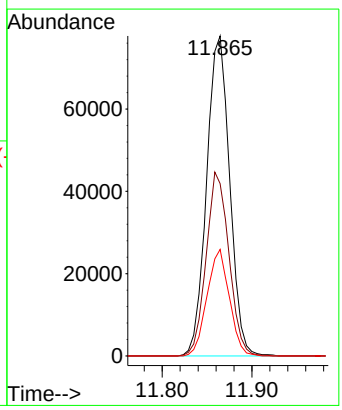


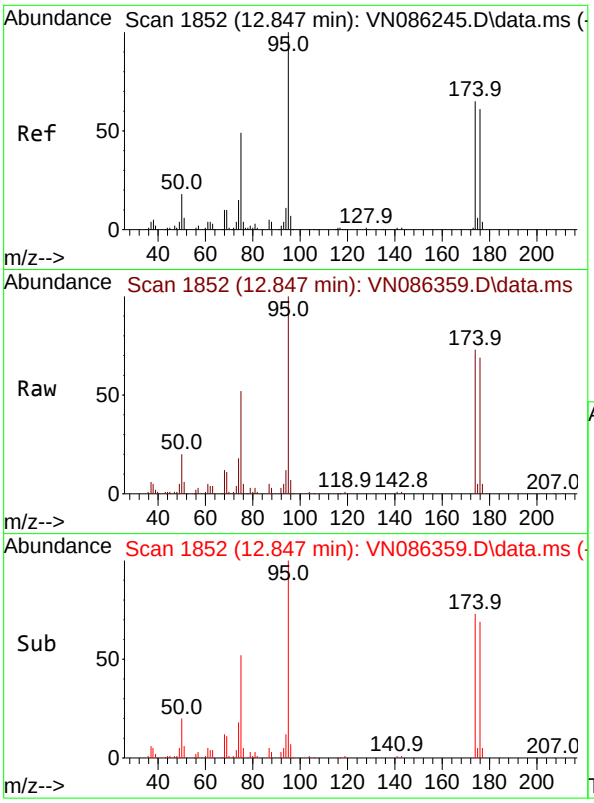


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion:117 Resp: 138840

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.3	70.9
119	32.2	25.9	38.9



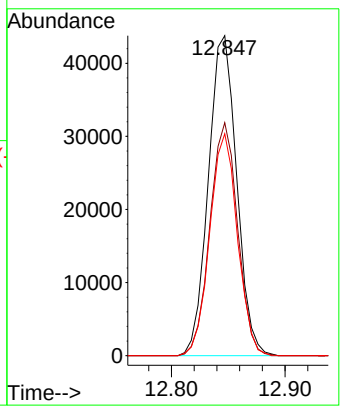


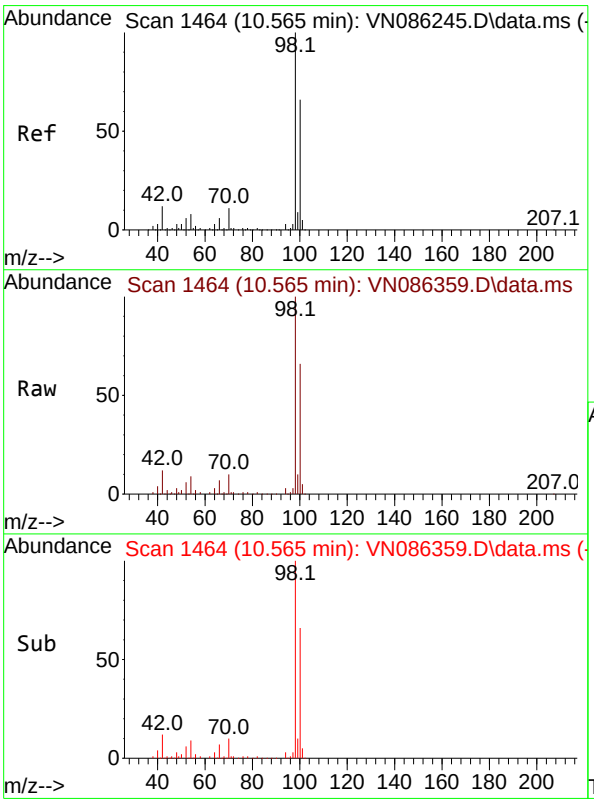
#60
4-Bromofluorobenzene
Concen: 27.482 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 75968

Ion	Ratio	Lower	Upper
95	100		
174	71.2	52.7	79.1
176	67.6	49.8	74.8

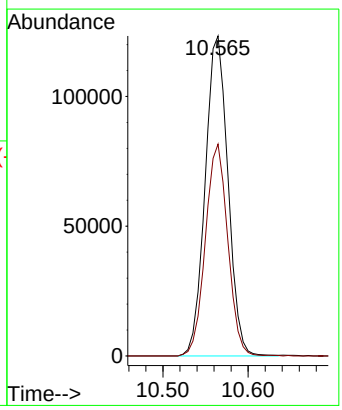


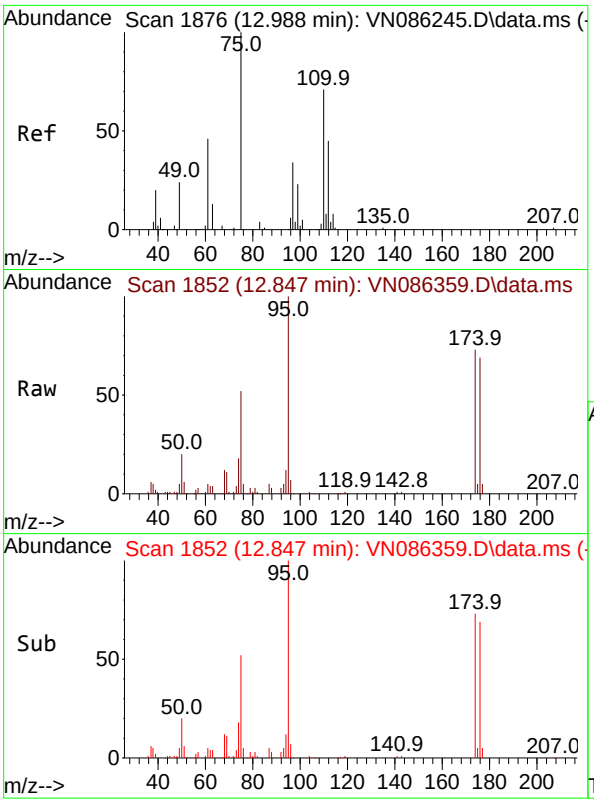


#63
Toluene-d8
Concen: 29.197 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 98 Resp: 228852

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5



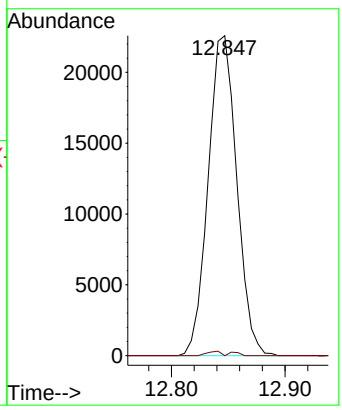


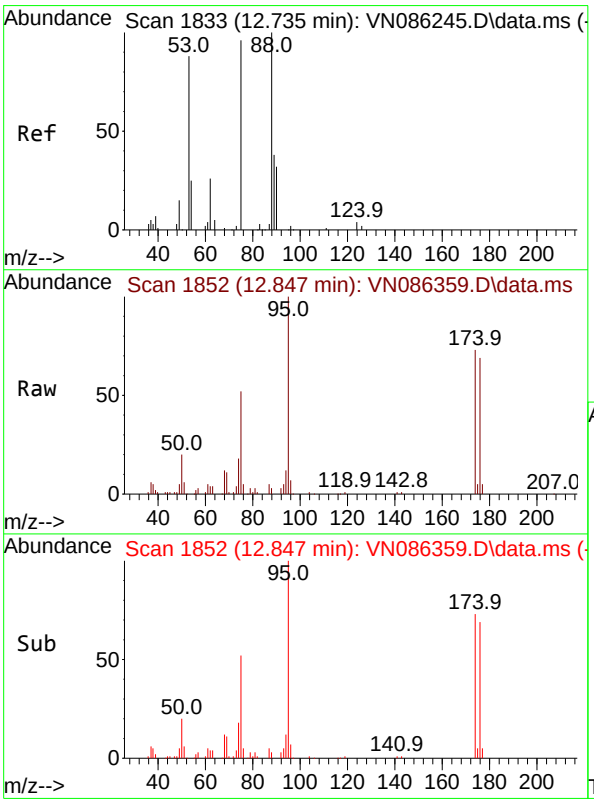
#72
1,2,3-Trichloropropane
Concen: 14.342 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

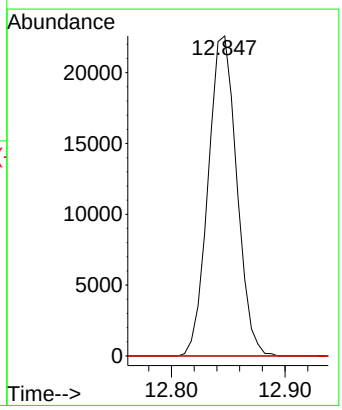
Tgt Ion: 75 Resp: 39574

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	380.0





#77
t-1,4-Dichloro-2-butene
Concen: 31.104 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086359.D
Acq: 21 Apr 2025 14:11

Tgt Ion: 75 Resp: 39574

Ion	Ratio	Lower	Upper
75	100		
53	0.0	46.4	139.2#
89	0.0	22.5	67.5#