Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
Data File : VN085424.D
Acq On : 10 Jan 2025 13:44
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 10 22:48:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	26142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	120157	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	108129	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	69771	30.339	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.133%			
60) 4-Bromofluorobenzene	12.847	95	40134	22.914	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 76.367%			
63) Toluene-d8	10.565	98	148202	28.069	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.567%			
Target Compounds						Qvalue
5) Bromomethane	2.989	94	294	0.224	ug/l	93
36) 1,2-Dichloroethane	9.100	62	4847	2.033	ug/l #	77
50) 1,1,2-Trichloroethane	10.565	97	5230	3.419	ug/l #	1
55) 2-Chloroethyl vinyl ether	10.165	63	620	0.520	ug/l #	53
56) Bromoform	12.841	173	310	0.265	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	23285	12.299	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	23285	30.093	ug/l #	6

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

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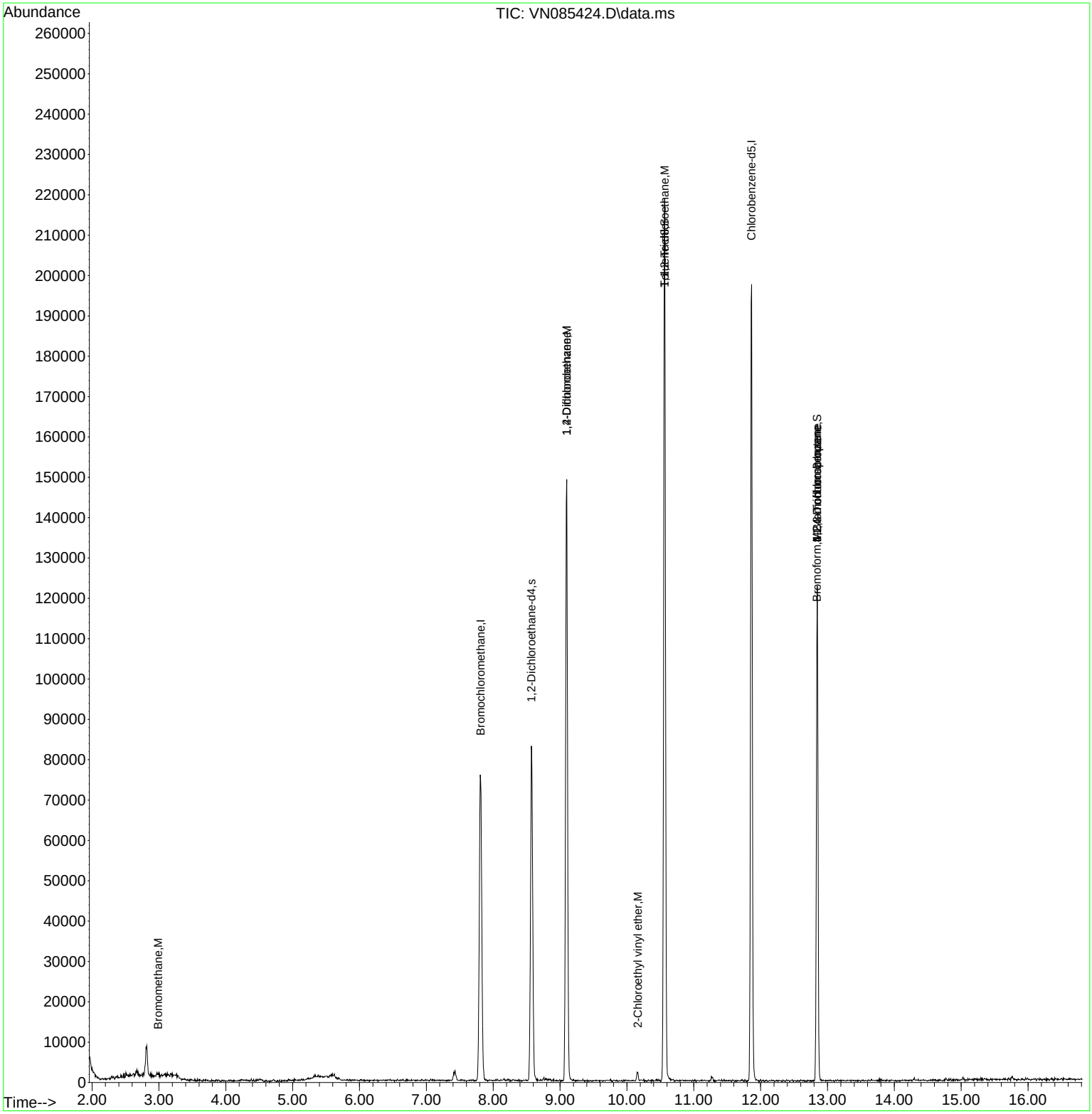
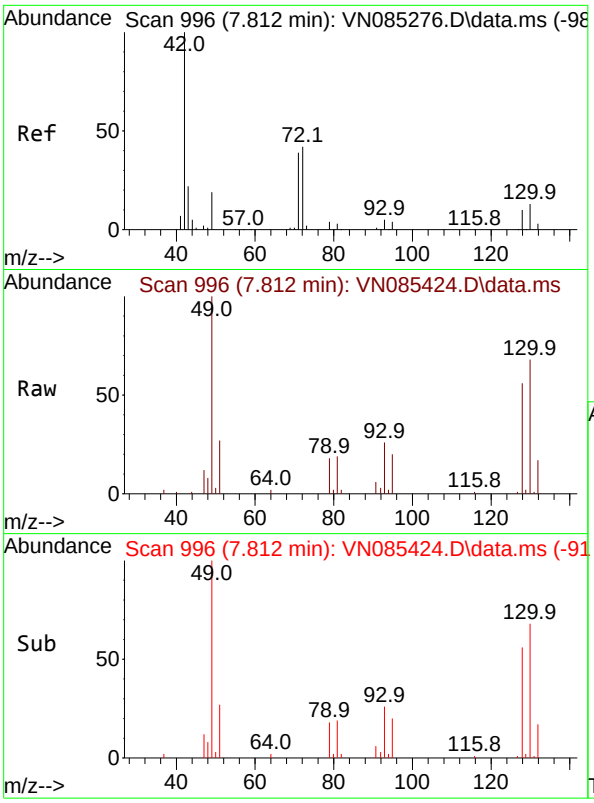


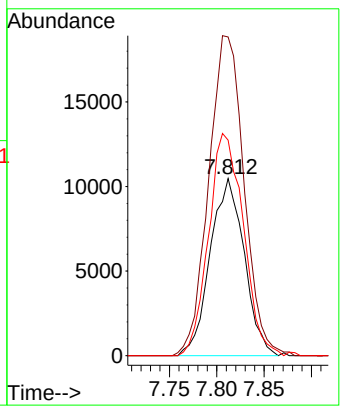


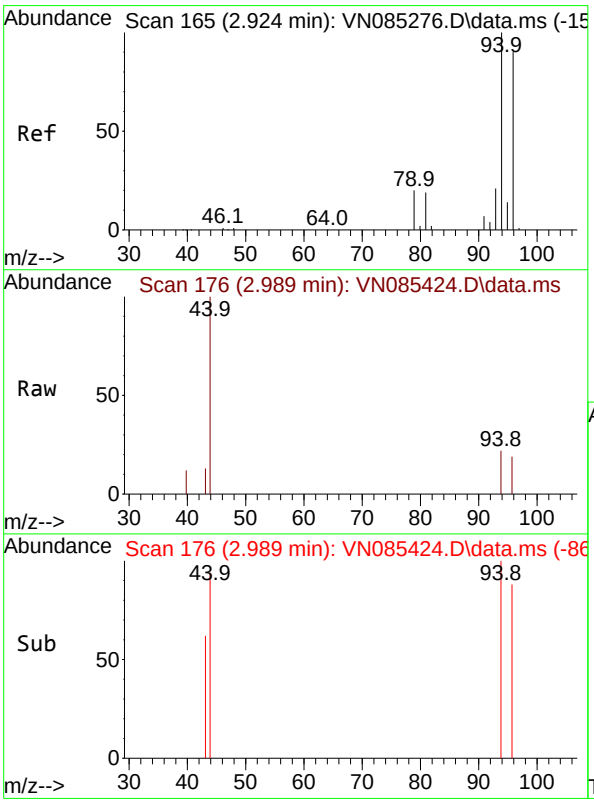
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 26142

Ion	Ratio	Lower	Upper
128	100		
49	188.0	0.0	497.8
130	128.5	0.0	328.5

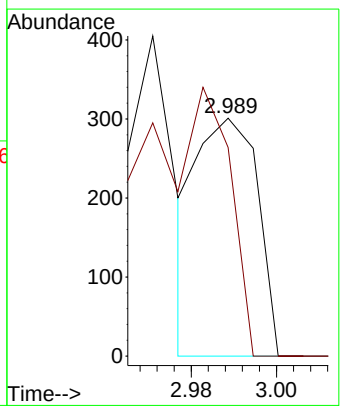


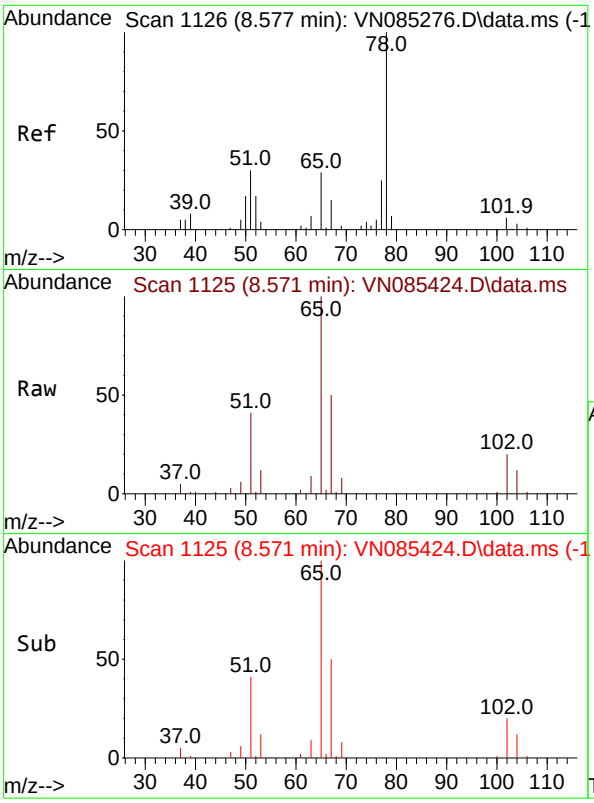


#5
Bromomethane
Concen: 0.224 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.029 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 94 Resp: 294

Ion	Ratio	Lower	Upper
94	100		
96	87.7	75.6	113.4



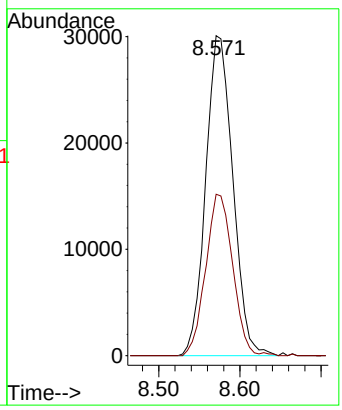


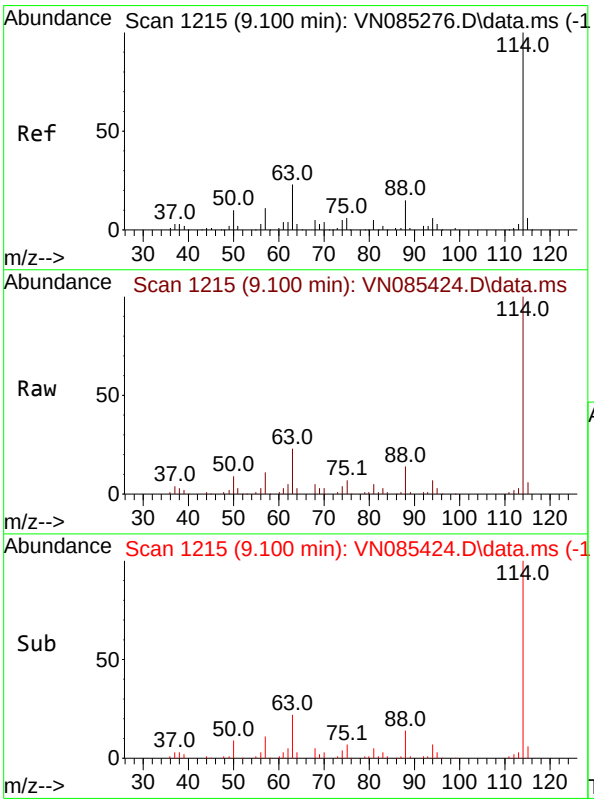
#27
1,2-Dichloroethane-d4
Concen: 30.339 ug/l
RT: 8.571 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 69771

Ion	Ratio	Lower	Upper
65	100		
67	50.0	42.0	63.0

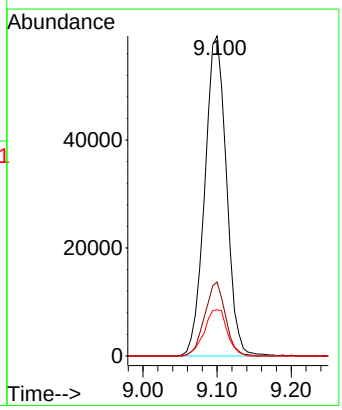


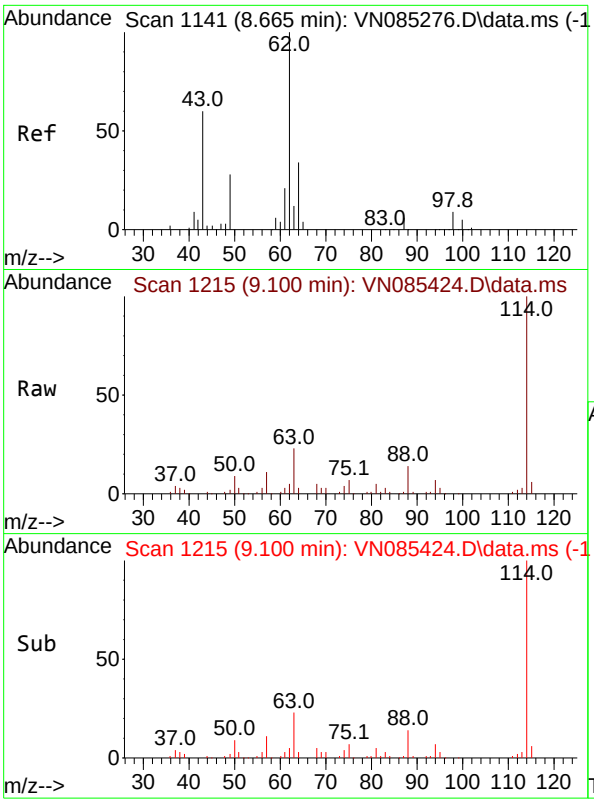


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion:114 Resp: 120157

Ion	Ratio	Lower	Upper
114	100		
63	22.1	18.0	27.0
88	15.4	12.9	19.3



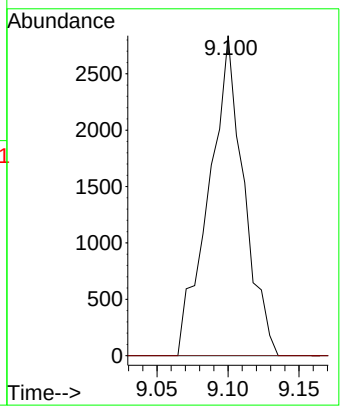


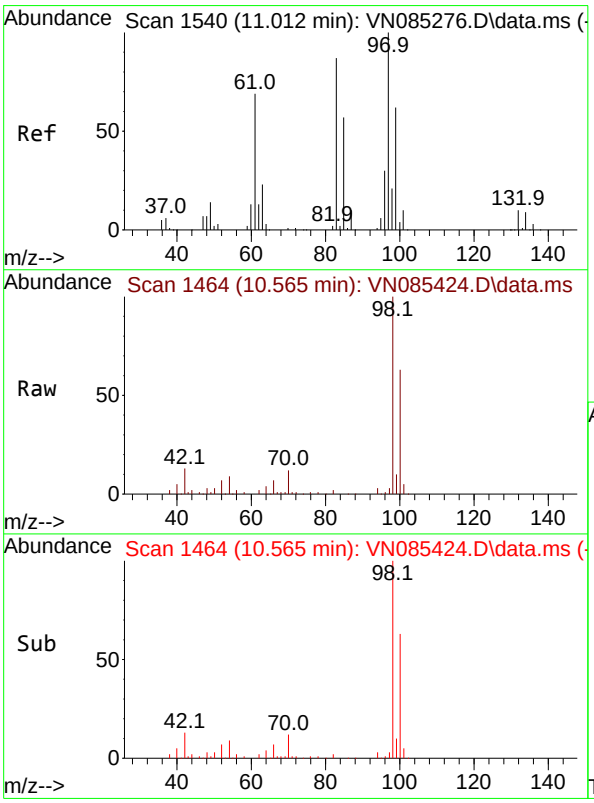
#36
1,2-Dichloroethane
Concen: 2.033 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.435 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 4847

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

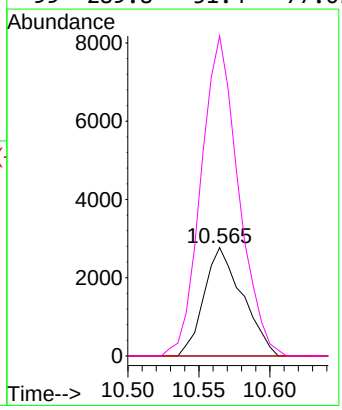


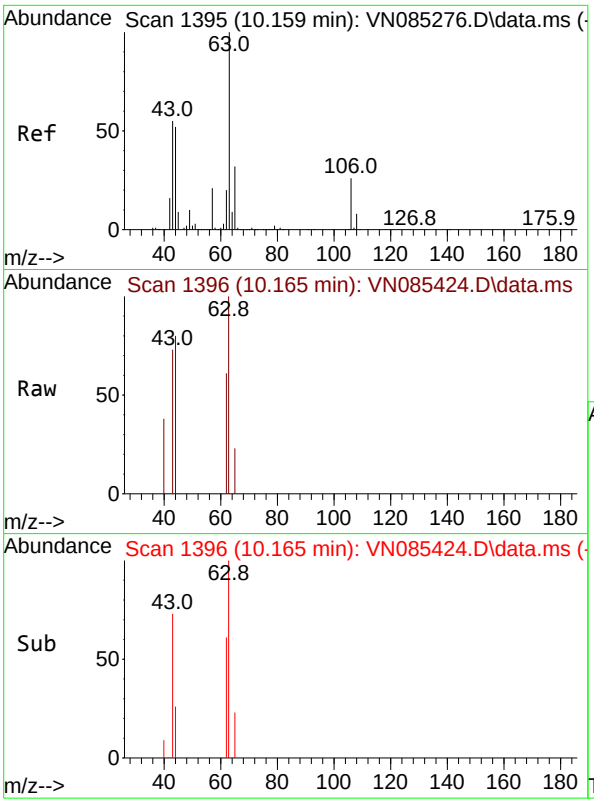


#50
1,1,2-Trichloroethane
Concen: 3.419 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.447 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 97 Resp: 5230

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.2	108.2#
85	0.0	46.6	70.0#
99	289.8	51.4	77.0#



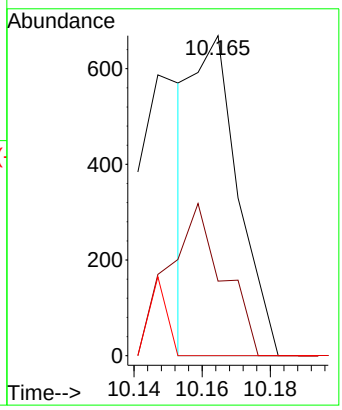


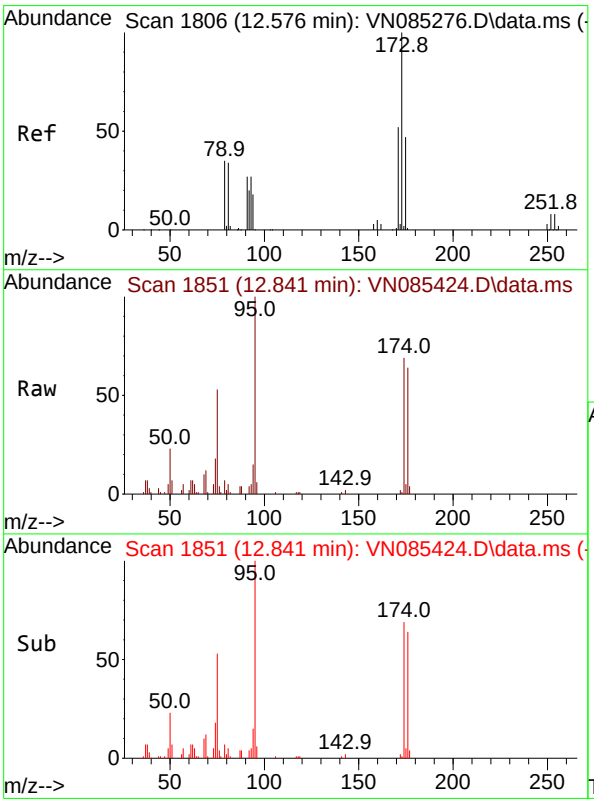
#55
2-Chloroethyl vinyl ether
Concen: 0.520 ug/l
RT: 10.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 620

Ion	Ratio	Lower	Upper
63	100		
65	57.1	25.9	38.9#
106	0.0	21.2	31.8#

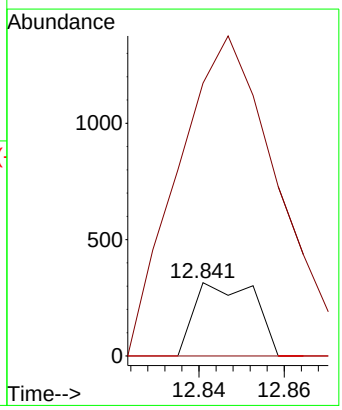


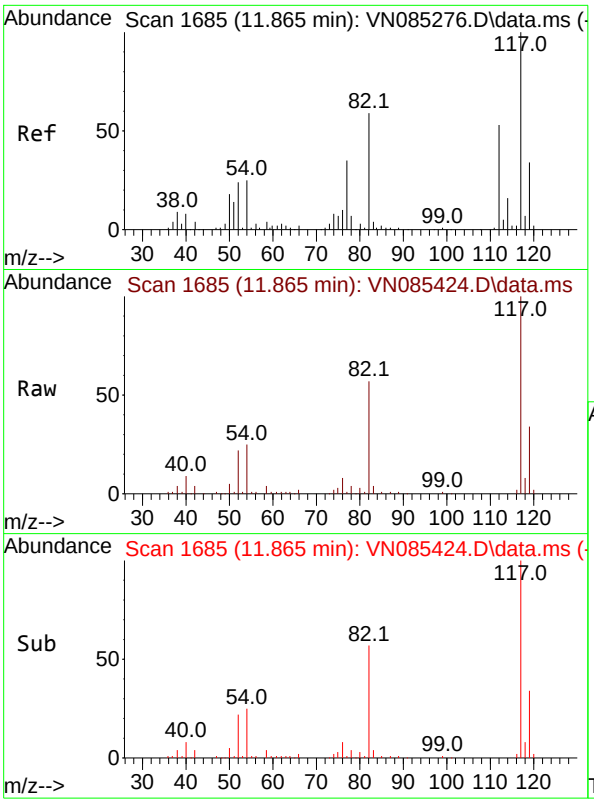


#56
Bromoform
Concen: 0.265 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion:173 Resp: 310

Ion	Ratio	Lower	Upper
173	100		
175	714.5	39.4	59.2#
254	0.0	7.2	10.8#



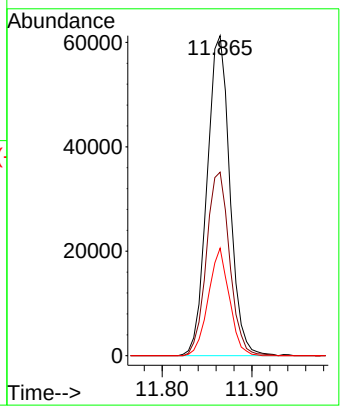


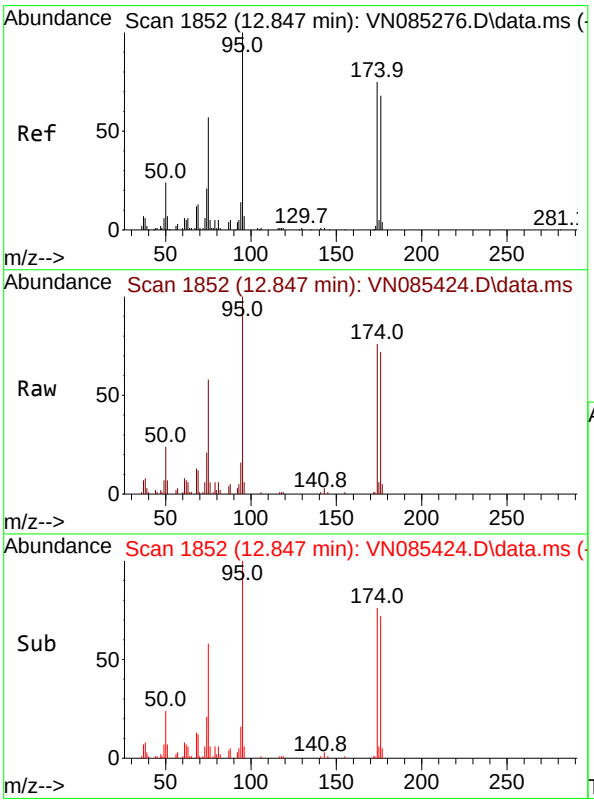
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 108129

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.0
119	31.0	25.3	37.9

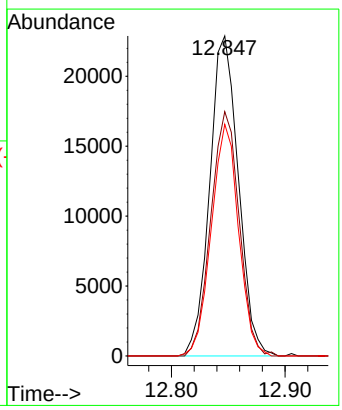


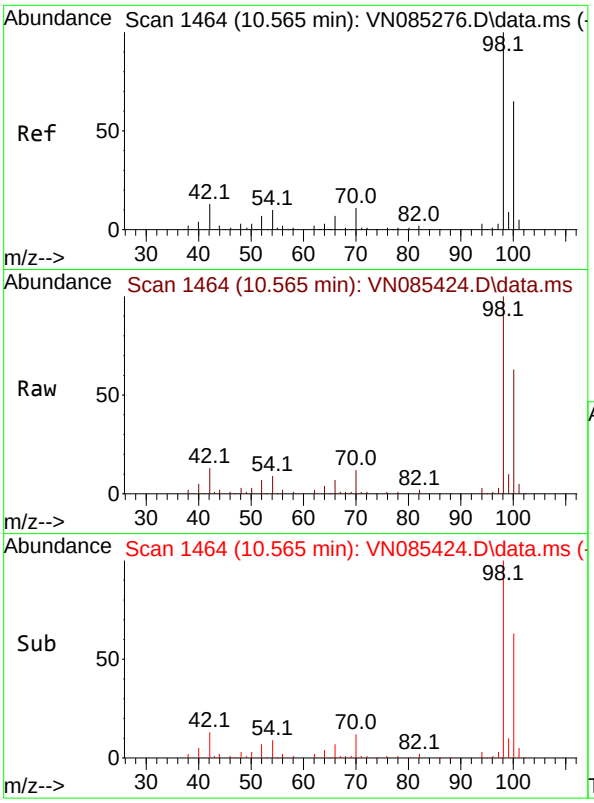


#60
4-Bromofluorobenzene
Concen: 22.914 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 95 Resp: 40134

Ion	Ratio	Lower	Upper
95	100		
174	75.5	57.8	86.8
176	69.0	57.1	85.7



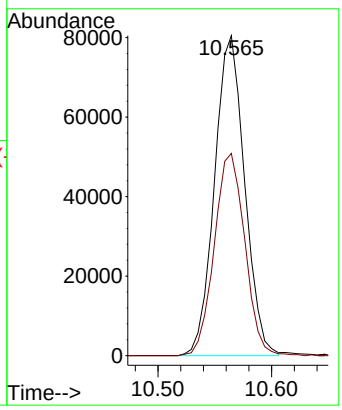


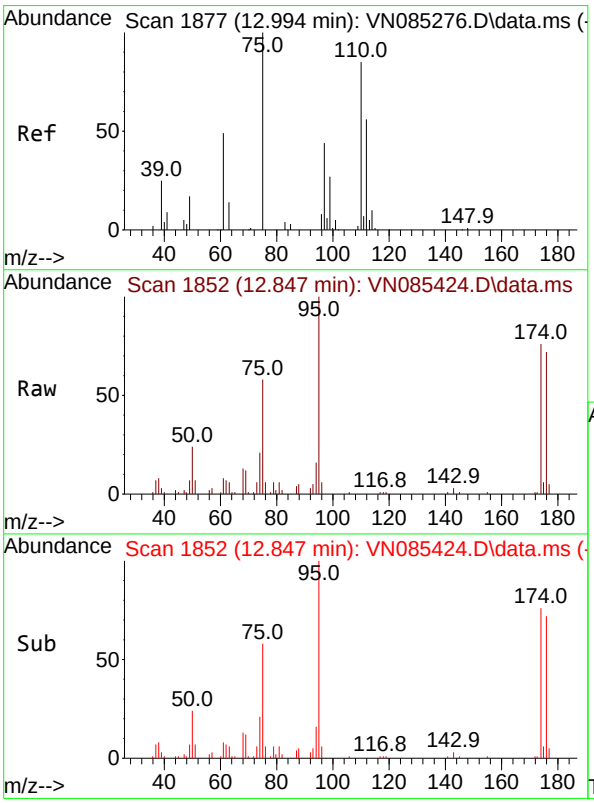
#63
Toluene-d8
Concen: 28.069 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 148202

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2

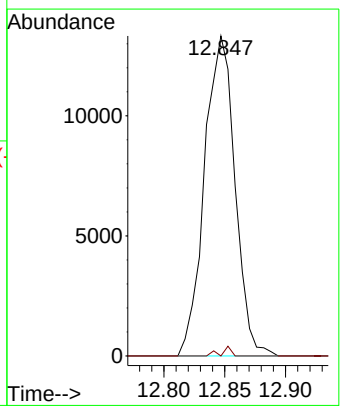


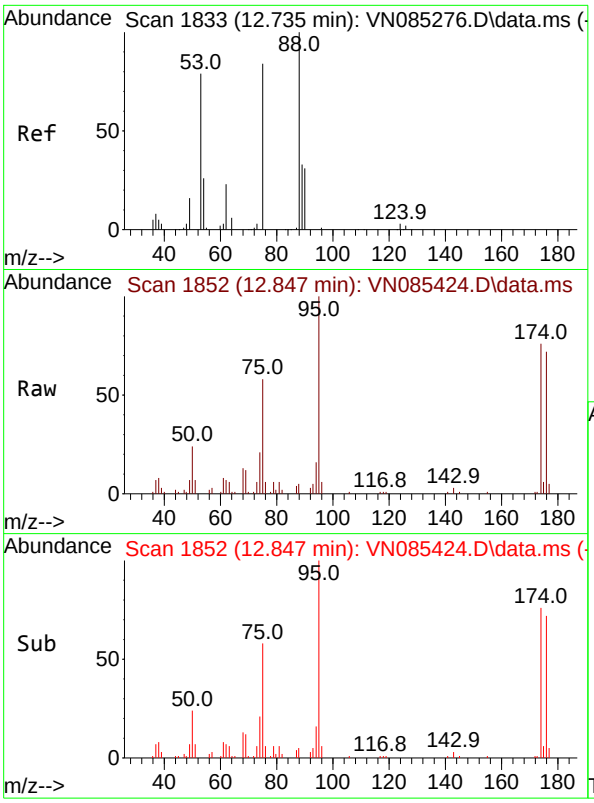


#72
1,2,3-Trichloropropane
Concen: 12.299 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 75 Resp: 23285

Ion	Ratio	Lower	Upper
75	100		
77	0.6	0.0	407.2





#77
t-1,4-Dichloro-2-butene
Concen: 30.093 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 23285

Ion	Ratio	Lower	Upper
75	100		
53	0.0	54.9	164.5#
89	0.0	22.8	68.3#