Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
Data File : VN087719.D
Acq On : 04 Sep 2025 13:56
Operator : JC\MD
Sample : Q3017-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Quant Time: Sep 05 02:20:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.794	128	31627	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	160432	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	142263	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	86846	29.771	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.233%			
60) 4-Bromofluorobenzene	12.829	95	62220	25.414	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.700%			
63) Toluene-d8	10.547	98	193077	29.496	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.333%			
Target Compounds						Qvalue
5) Bromomethane	3.000	94	245	0.201	ug/l #	1
15) Acetone	4.412	58	409	1.026	ug/l #	1
36) 1,2-Dichloroethane	9.076	62	7157	2.144	ug/l #	77
37) Trichloroethene	9.335	130	12183	6.696	ug/l	99
77) t-1,4-Dichloro-2-butene	12.829	75	35880	33.072	ug/l #	3

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

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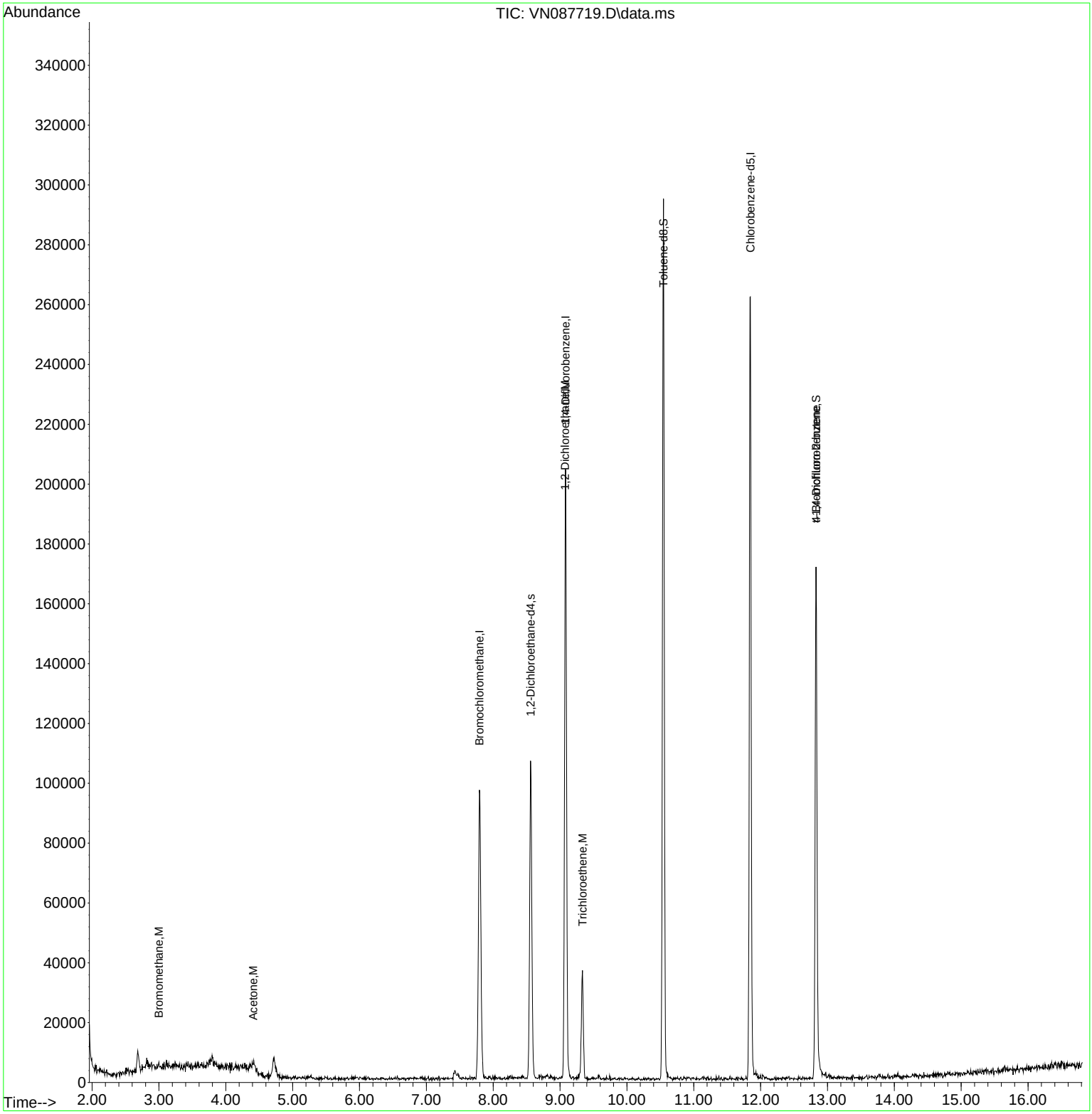
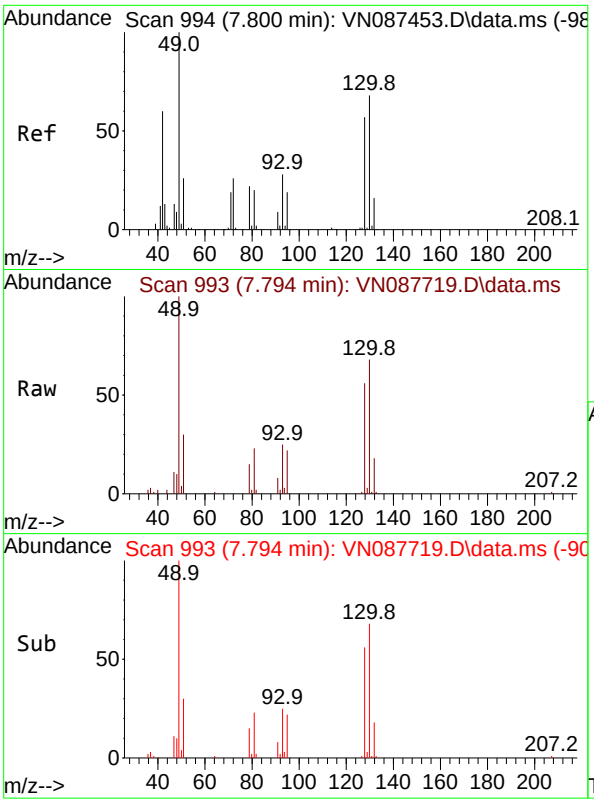


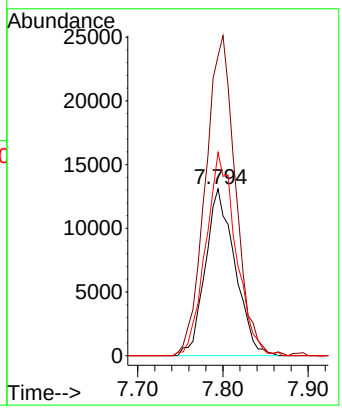


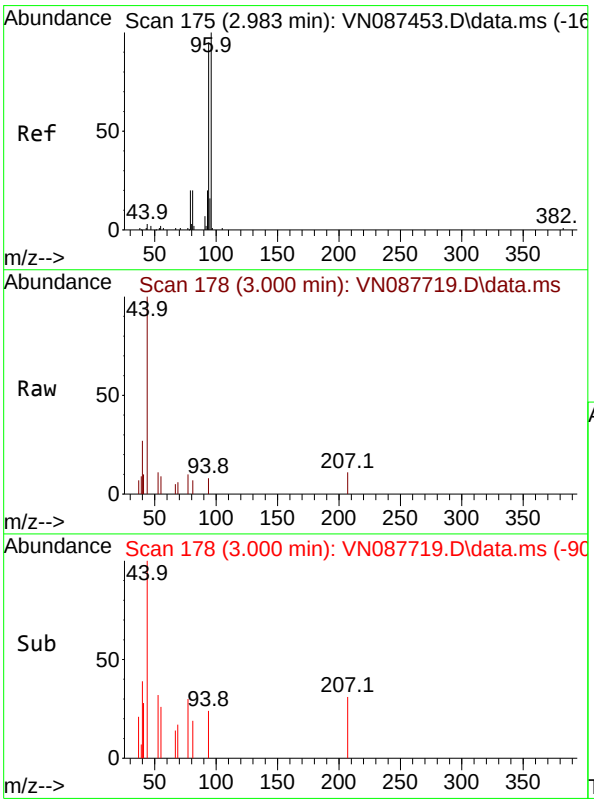
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion:128 Resp: 31627

Ion	Ratio	Lower	Upper
128	100		
49	194.8	0.0	494.8
130	124.4	0.0	321.5

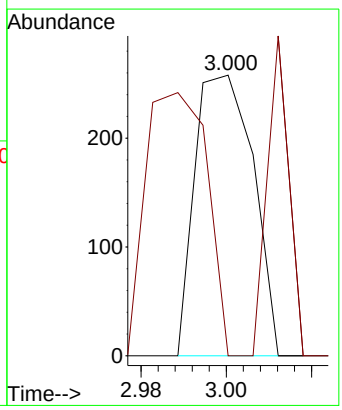


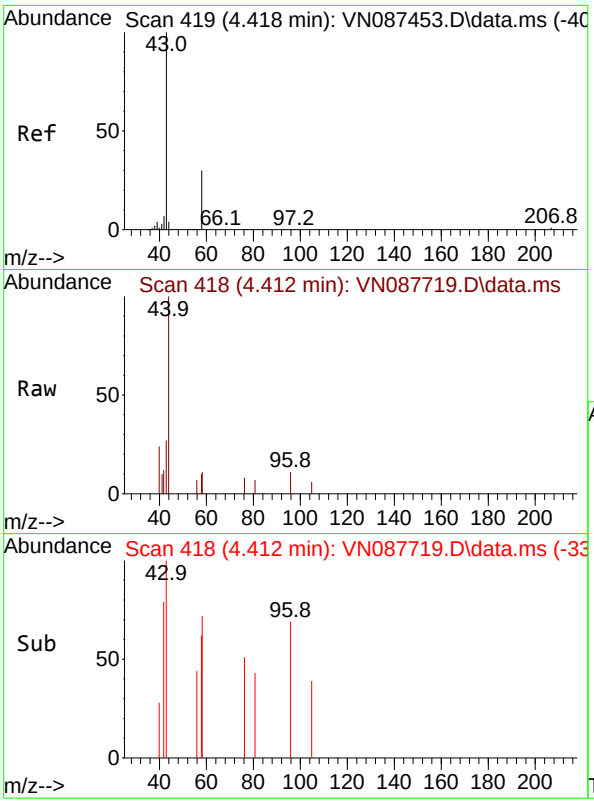


#5
Bromomethane
Concen: 0.201 ug/l
RT: 3.000 min Scan# 178
Delta R.T. 0.018 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion: 94 Resp: 245

Ion	Ratio	Lower	Upper
94	100		
96	0.0	84.2	126.4#



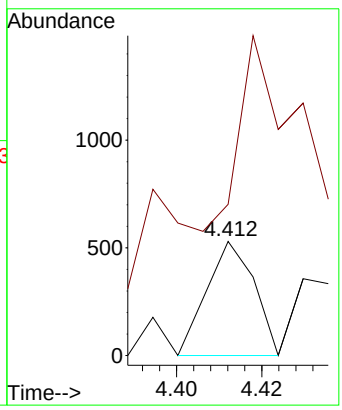


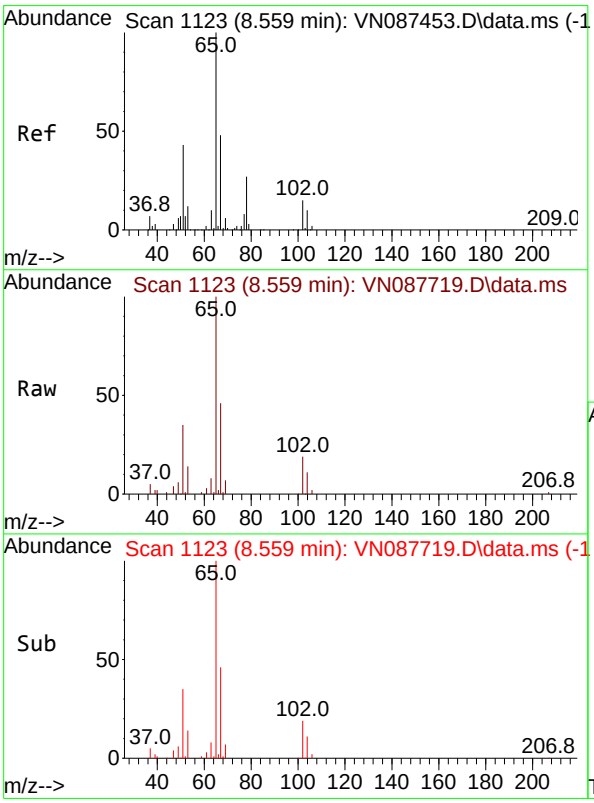
#15
Acetone
Concen: 1.026 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion: 58 Resp: 409

Ion	Ratio	Lower	Upper
58	100		
43	16.4	268.9	403.3#

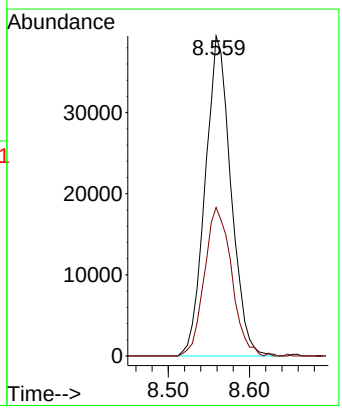


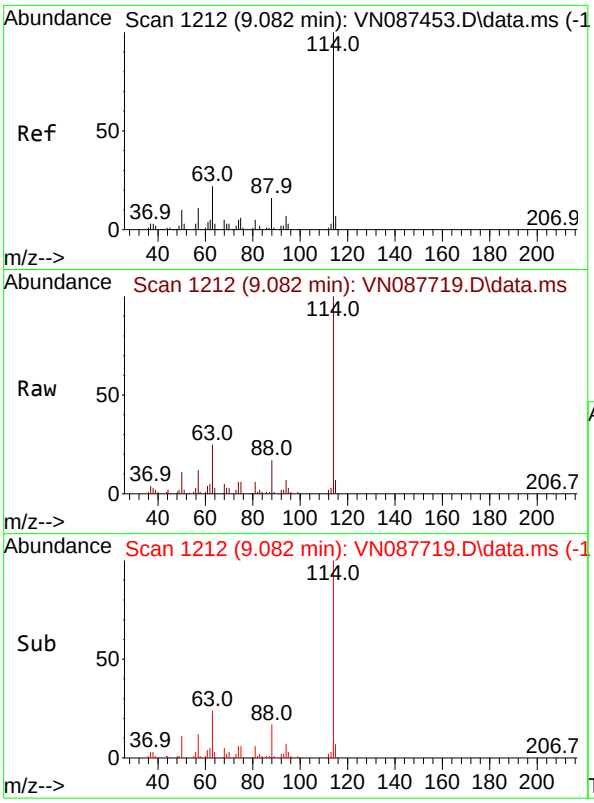


#27
1,2-Dichloroethane-d4
Concen: 29.771 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion: 65 Resp: 86846

Ion	Ratio	Lower	Upper
65	100		
67	48.9	40.8	61.2



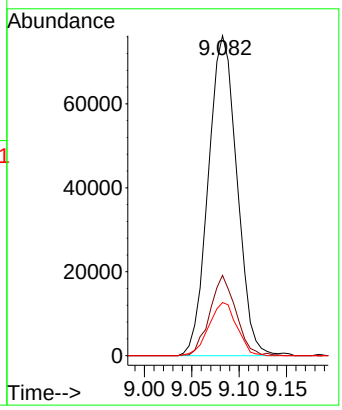


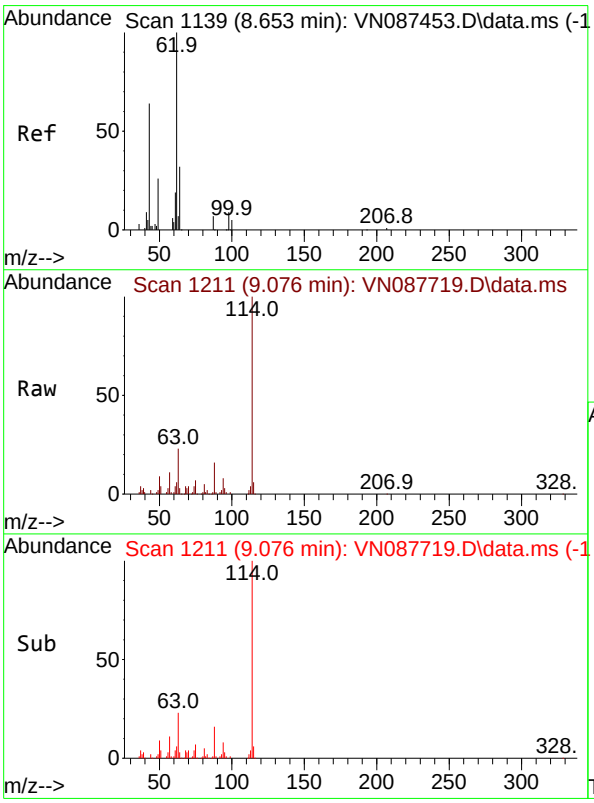
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion:114 Resp: 160432

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.9	28.3
88	16.2	13.1	19.7

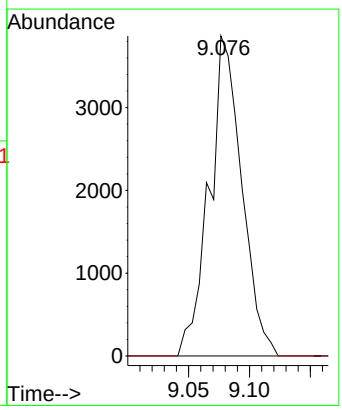


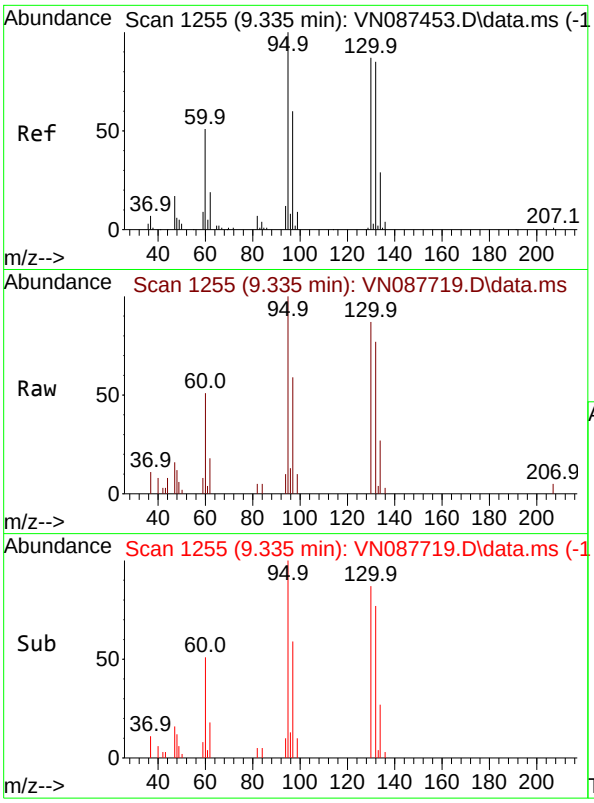


#36
1,2-Dichloroethane
Concen: 2.144 ug/l
RT: 9.076 min Scan# 1211
Delta R.T. 0.423 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion: 62 Resp: 7157

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	9.8#



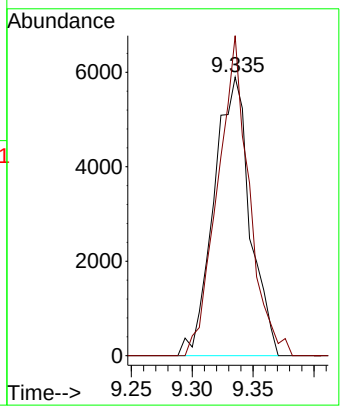


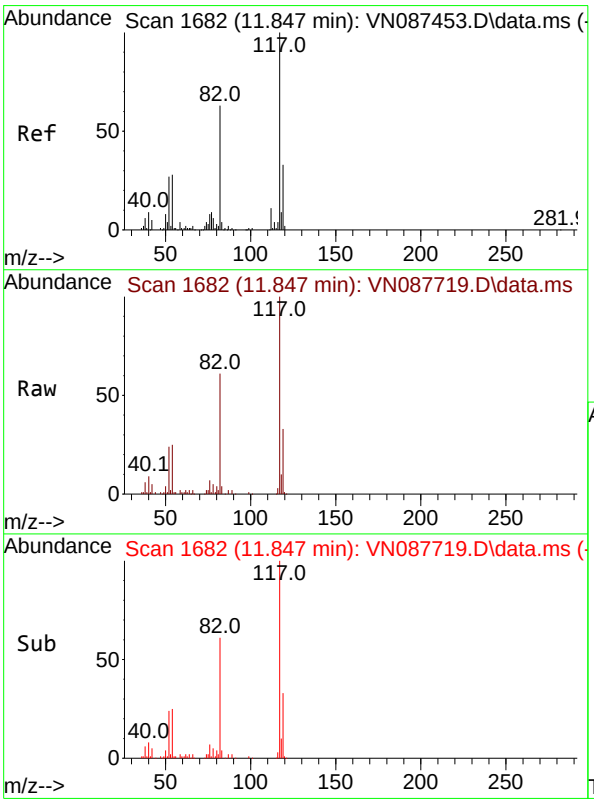
#37
Trichloroethene
Concen: 6.696 ug/l
RT: 9.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion:130 Resp: 12183

Ion	Ratio	Lower	Upper
130	100		
95	114.9	91.4	137.2

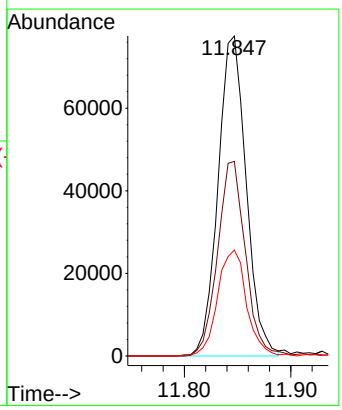


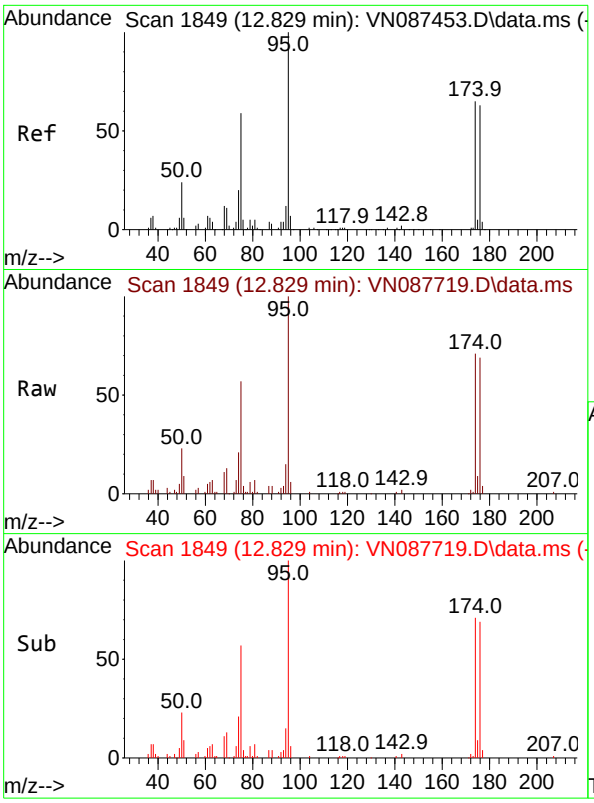


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion:117 Resp: 142263

Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.2	73.8
119	33.8	25.7	38.5



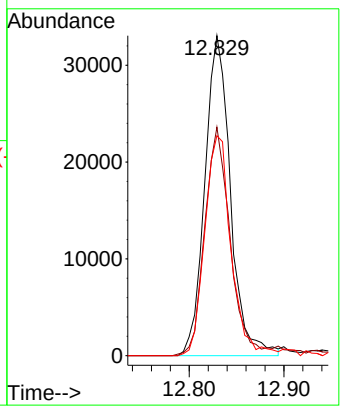


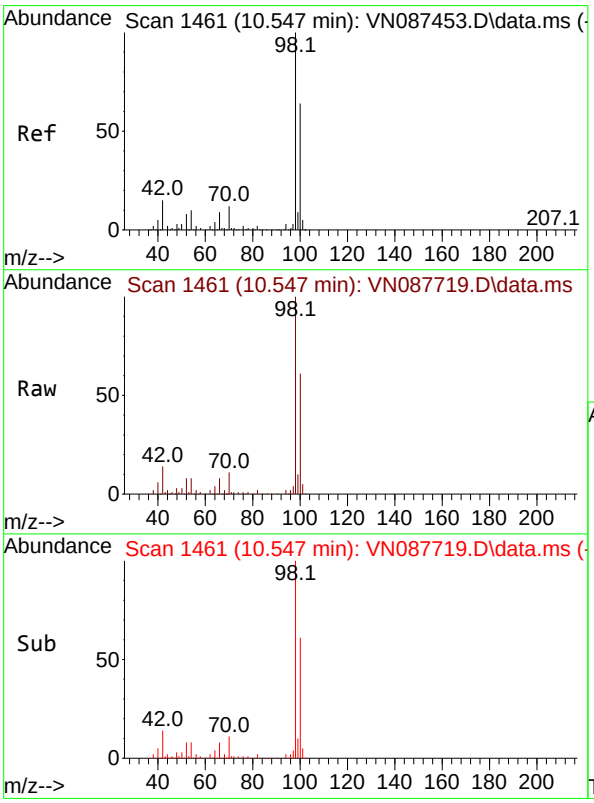
#60
4-Bromofluorobenzene
Concen: 25.414 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion: 95 Resp: 62220

Ion	Ratio	Lower	Upper
95	100		
174	69.9	52.3	78.5
176	68.8	49.8	74.8

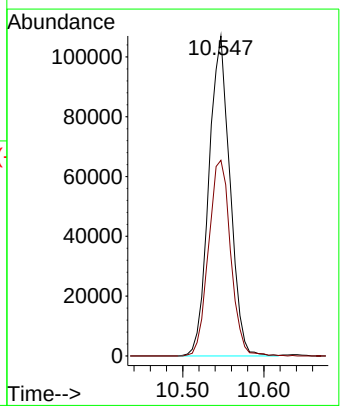


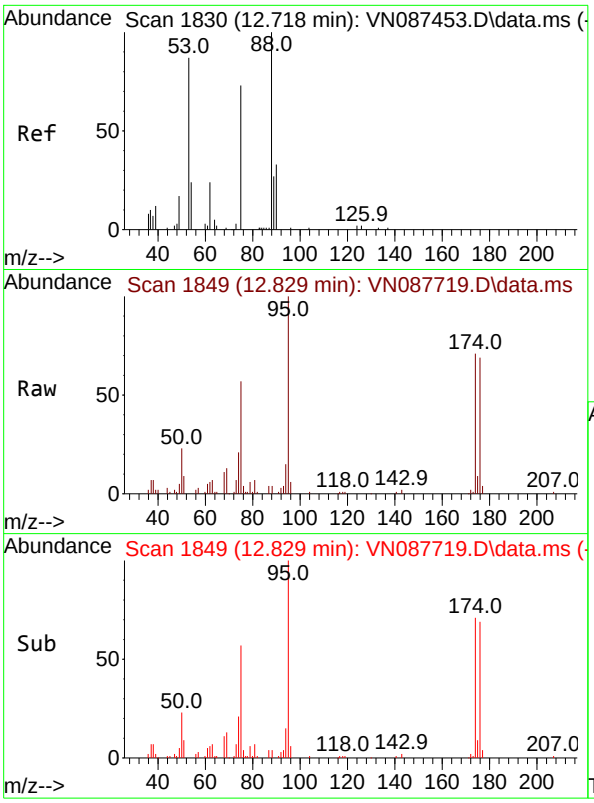


#63
Toluene-d8
Concen: 29.496 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Tgt Ion: 98 Resp: 193077

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.5	75.7





#77
t-1,4-Dichloro-2-butene
Concen: 33.072 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087719.D
Acq: 04 Sep 2025 13:56

Instrument :
MSVOA_N
ClientSampleId :
TT-076-IDWGW-20250903

Tgt Ion: 75 Resp: 35880

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.0	176.8#
89	0.0	22.1	66.5#