Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087798.D
Acq On : 11 Sep 2025 15:25
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Sep 12 02:54:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	195926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	439253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	420583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	204019	50.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.640%			
35) Dibromofluoromethane	8.147	113	162265	51.165	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	10.547	98	568396	47.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.829	95	193112	45.747	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.500%			
Target Compounds						Qvalue
6) Chloroethane	3.153	64	606	0.260	ug/l #	42
10) Methyl Iodide	4.583	142	388	6.974	ug/l #	38
11) Tert butyl alcohol	5.524	59	1792	2.571	ug/l #	71
13) Acrolein	4.159	56	271	0.316	ug/l	87
16) Acetone	4.424	43	5064	2.317	ug/l #	85
17) Carbon Disulfide	4.706	76	4384	0.564	ug/l #	92
20) Methylene Chloride	5.265	84	390	Below Cal	#	26
25) 2-Butanone	7.477	43	4280	1.489	ug/l #	77
29) Tetrahydrofuran	7.835	42	520	0.281	ug/l	88
31) Cyclohexane	8.212	56	5772	1.143	ug/l #	1
36) 1,1-Dichloropropene	8.200	75	18995	3.904	ug/l #	51
37) Ethyl Acetate	7.477	43	4277	0.643	ug/l #	83
38) Carbon Tetrachloride	8.206	117	22578	4.700	ug/l #	14
76) 1,2,3-Trichloropropane	12.829	75	109910	24.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	109910	63.760	ug/l #	1
94) Hexachlorobutadiene	15.488	225	456	0.307	ug/l #	47
95) Naphthalene	15.611	128	4881	0.331	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.829	180	885	0.218	ug/l #	69

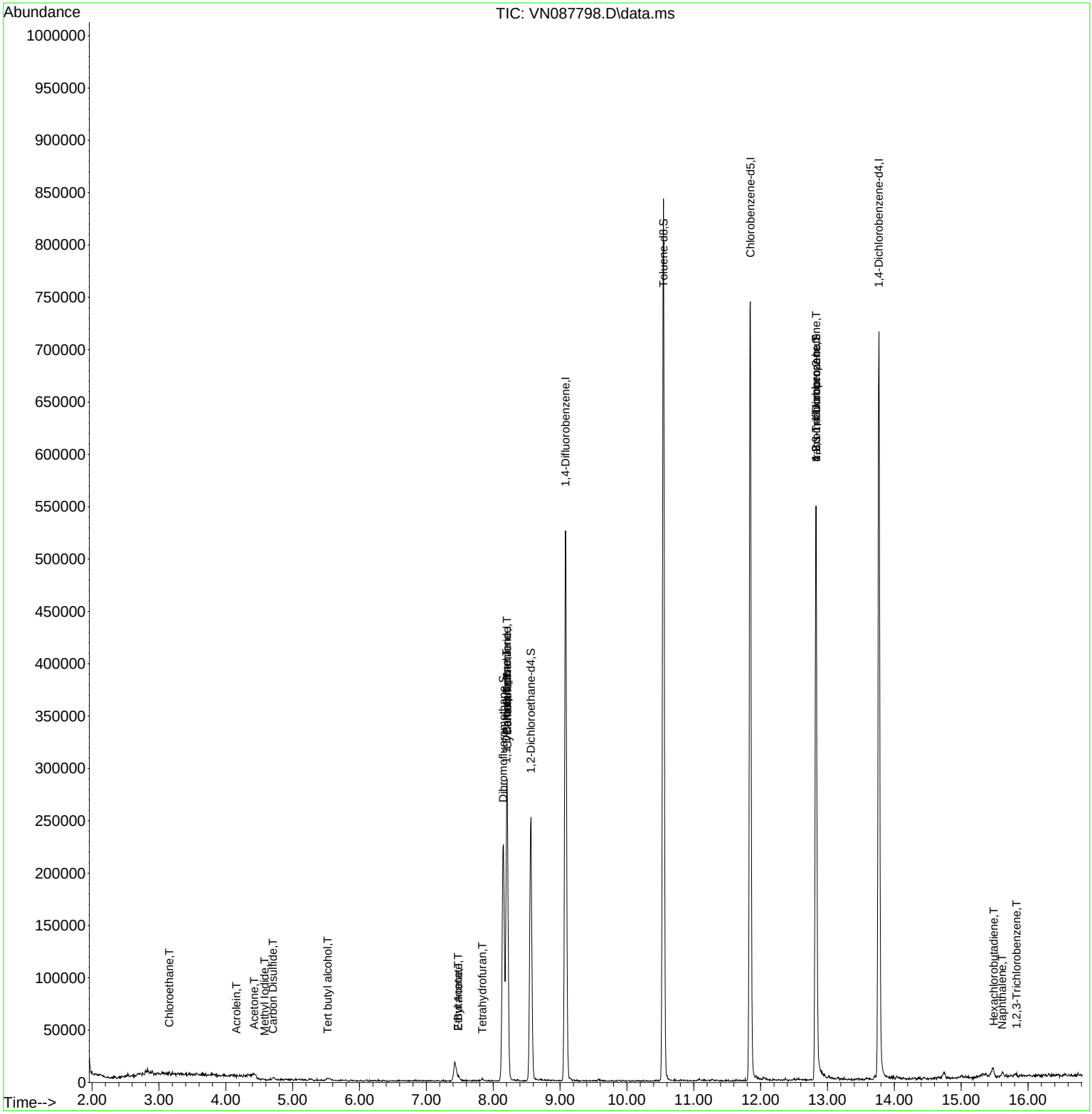
(#) = qualifier out of range (m) = manual integration (+) = signals summed

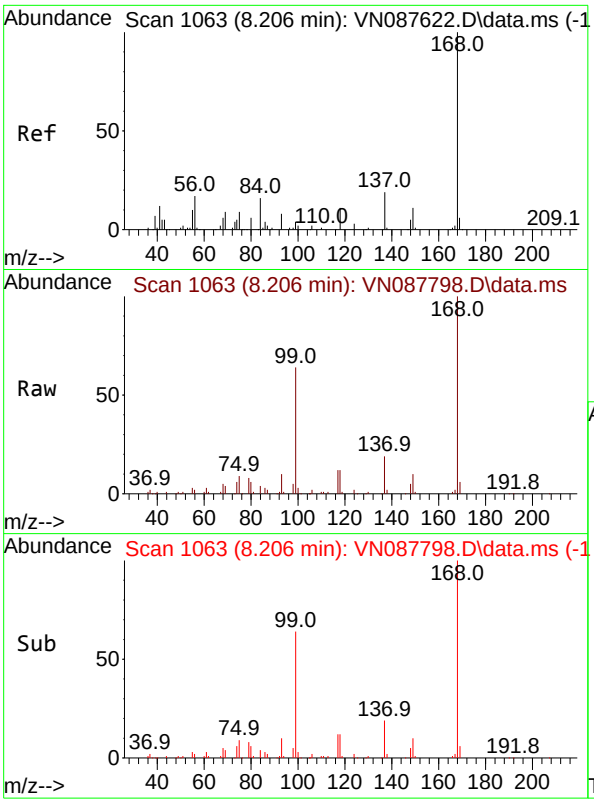
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087798.D
Acq On : 11 Sep 2025 15:25
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Sep 12 02:54:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



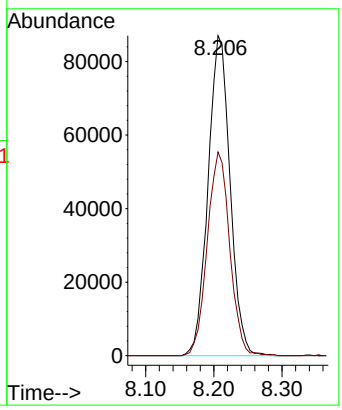


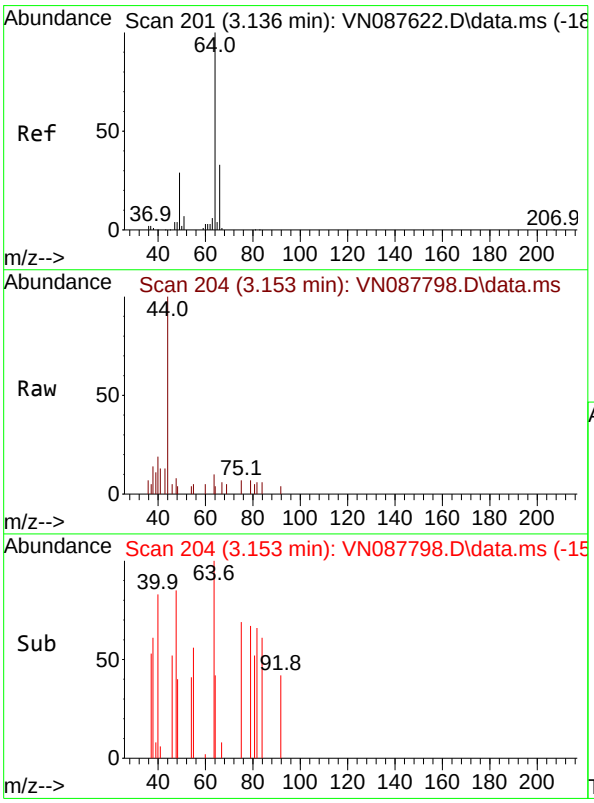
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 195926

Ion	Ratio	Lower	Upper
168	100		
99	63.6	57.2	85.8

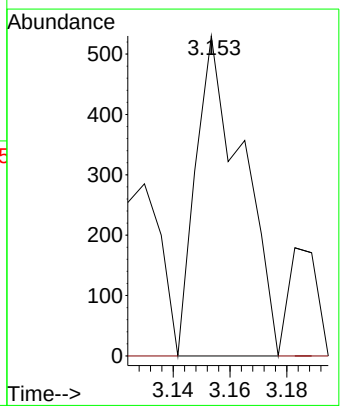


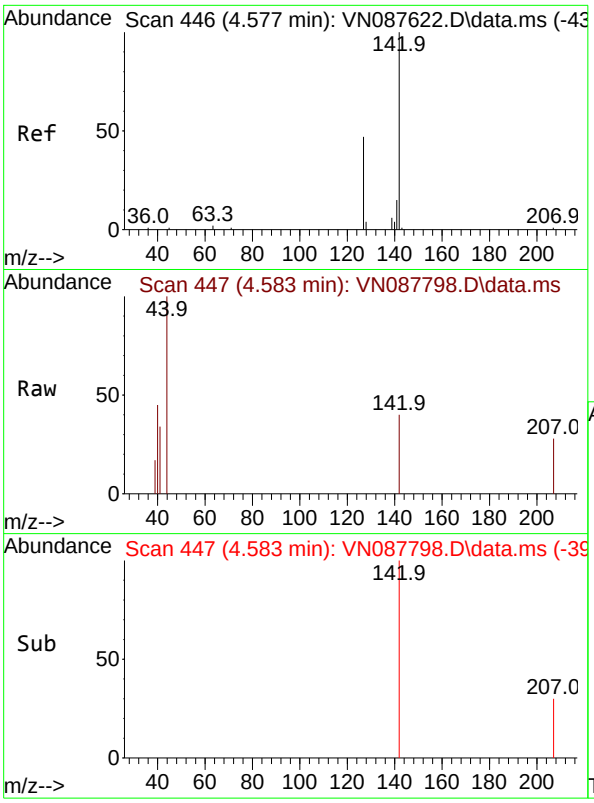


#6
Chloroethane
Concen: 0.260 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.018 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 64 Resp: 606

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.2	39.2#



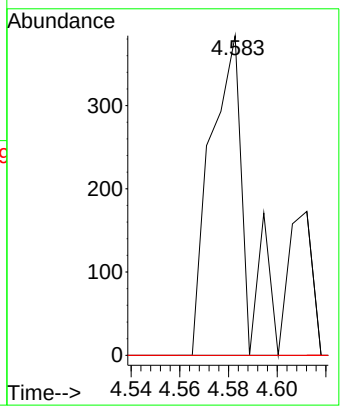


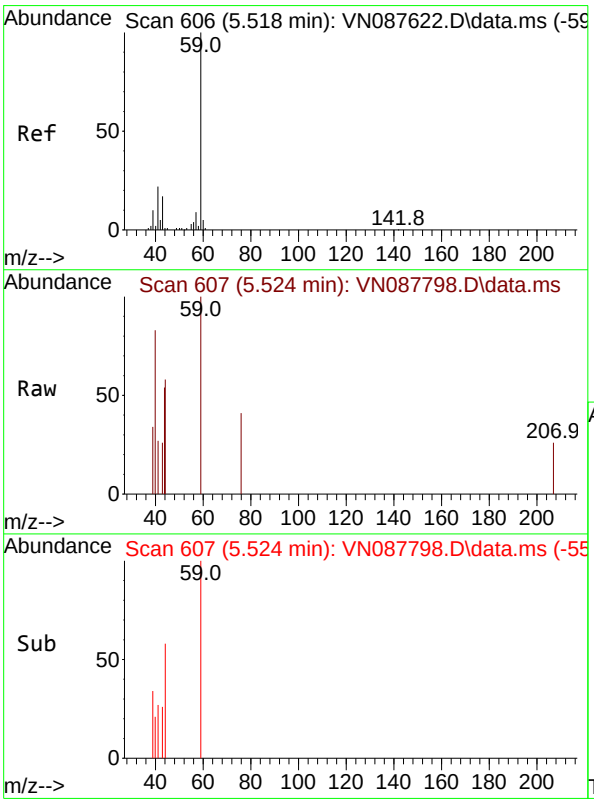
#10
Methyl Iodide
Concen: 6.974 ug/l
RT: 4.583 min Scan# 44
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:142 Resp: 388

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.0	57.0#
141	0.0	12.0	18.0#

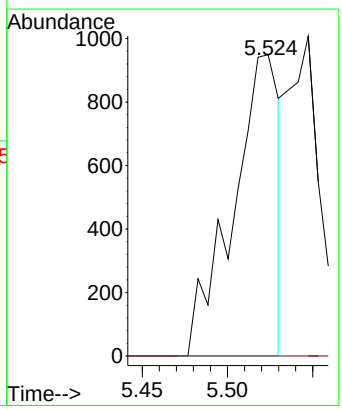


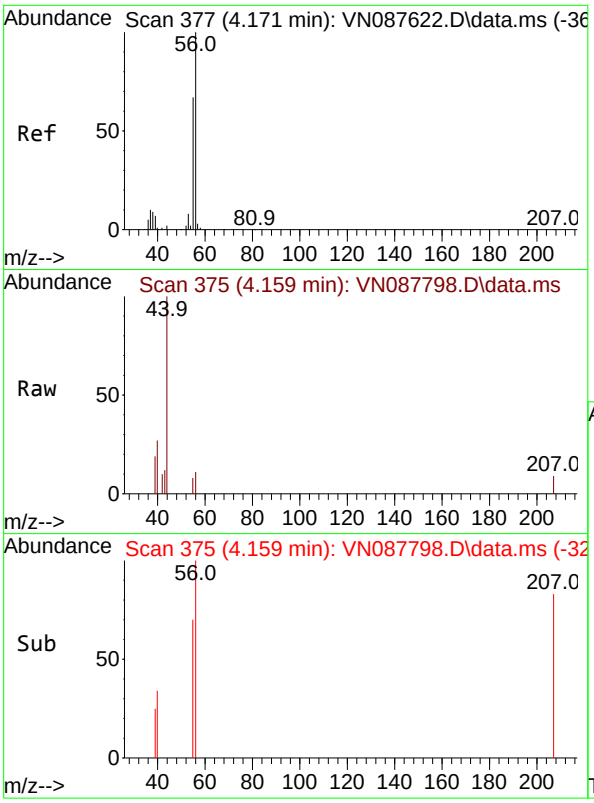


#11
Tert butyl alcohol
Concen: 2.571 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 59 Resp: 1792

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



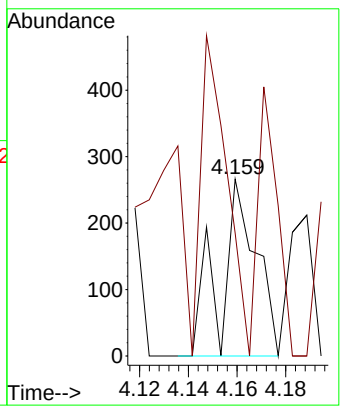


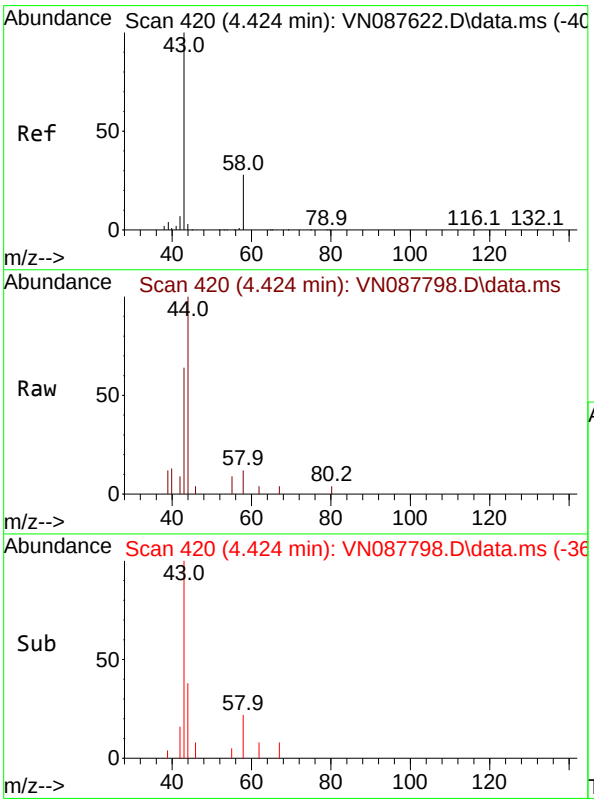
#13
Acrolein
Concen: 0.316 ug/l
RT: 4.159 min Scan# 3
Delta R.T. -0.012 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	82.3	57.3	85.9

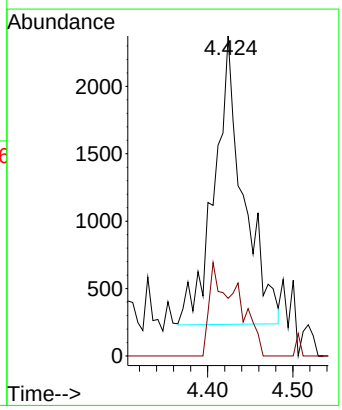


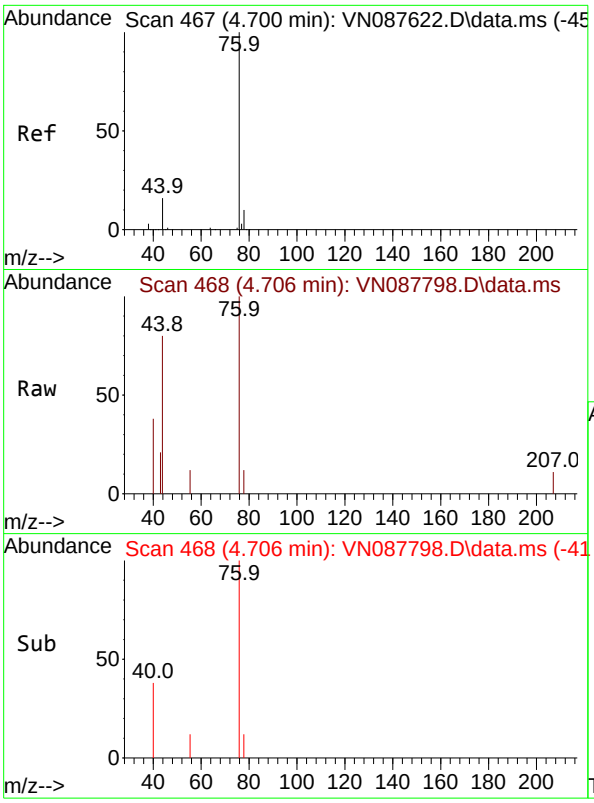


#16
Acetone
Concen: 2.317 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 43 Resp: 5064

Ion	Ratio	Lower	Upper
43	100		
58	20.0	22.6	33.8#



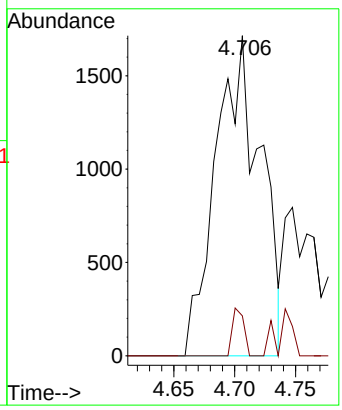


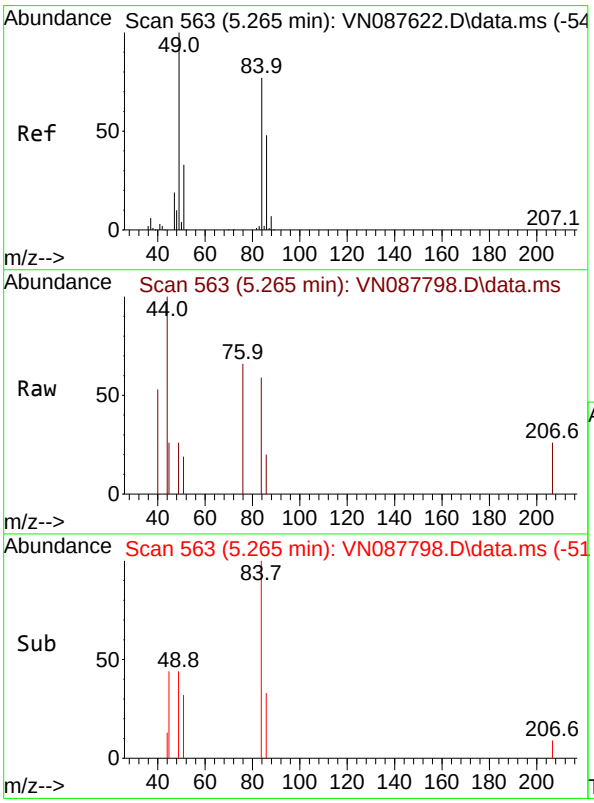
#17
Carbon Disulfide
Concen: 0.564 ug/l
RT: 4.706 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 76 Resp: 4384

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.6	11.4#

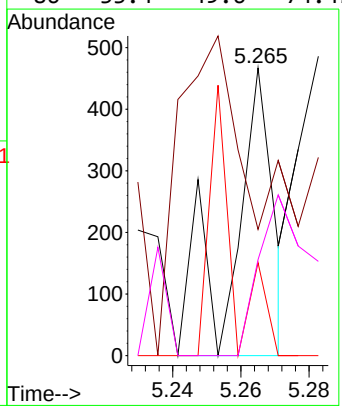


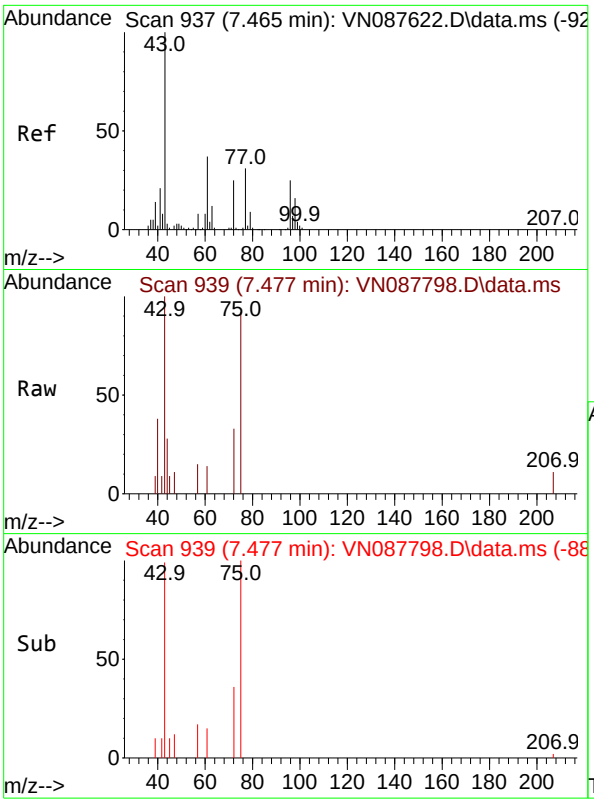


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 84 Resp: 390

Ion	Ratio	Lower	Upper
84	100		
49	0.0	103.4	155.2#
51	32.3	33.8	50.8#
86	33.4	49.6	74.4#



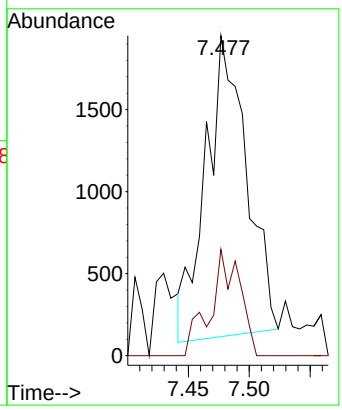


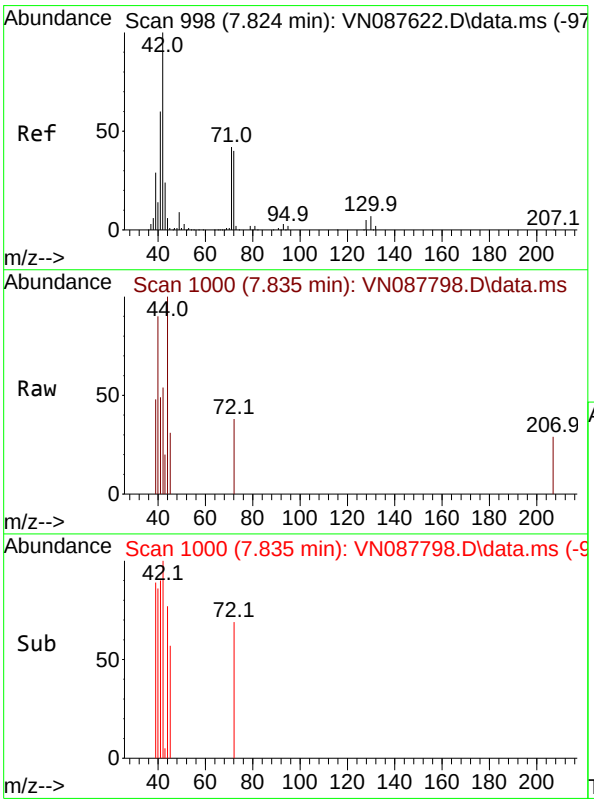
#25
2-Butanone
Concen: 1.489 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 4280

Ion	Ratio	Lower	Upper
43	100		
72	36.2	19.9	29.9#

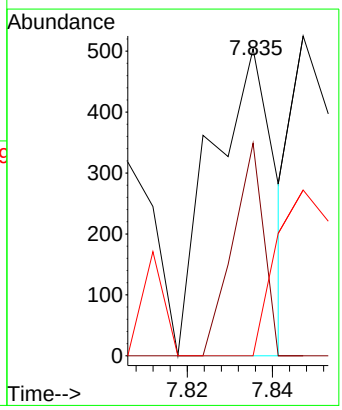


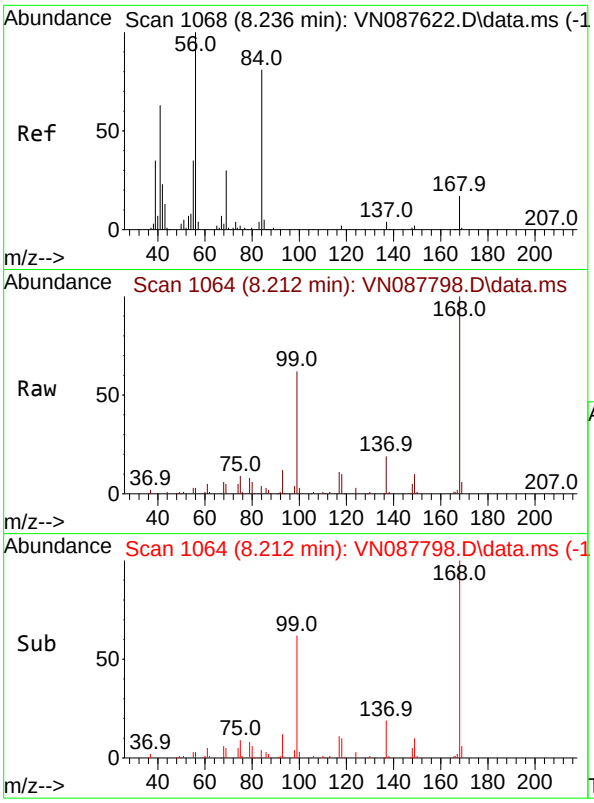


#29
Tetrahydrofuran
Concen: 0.281 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 42 Resp: 520

Ion	Ratio	Lower	Upper
42	100		
72	33.8	33.7	50.5
71	47.1	31.9	47.9



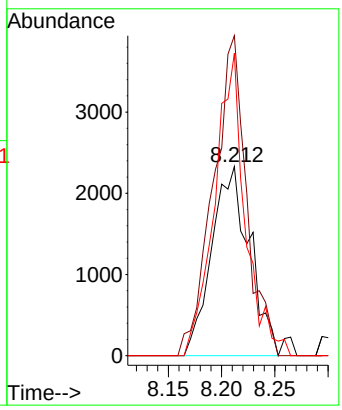


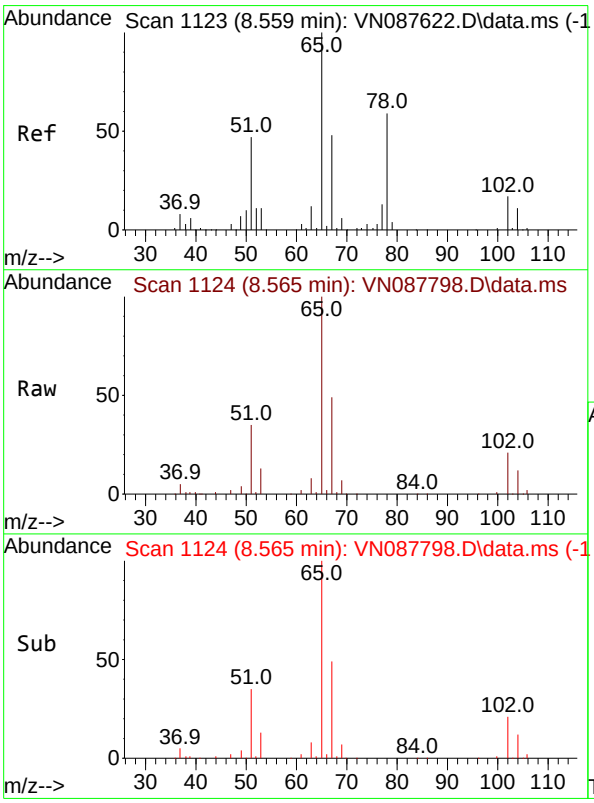
#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 5772

Ion	Ratio	Lower	Upper
56	100		
69	169.2	23.7	35.5#
84	159.9	64.7	97.1#

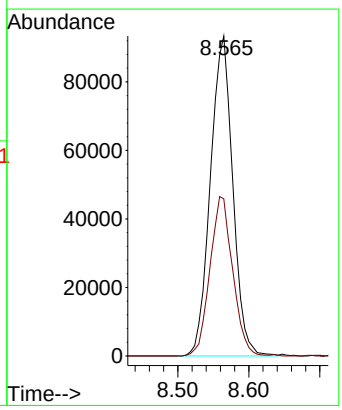


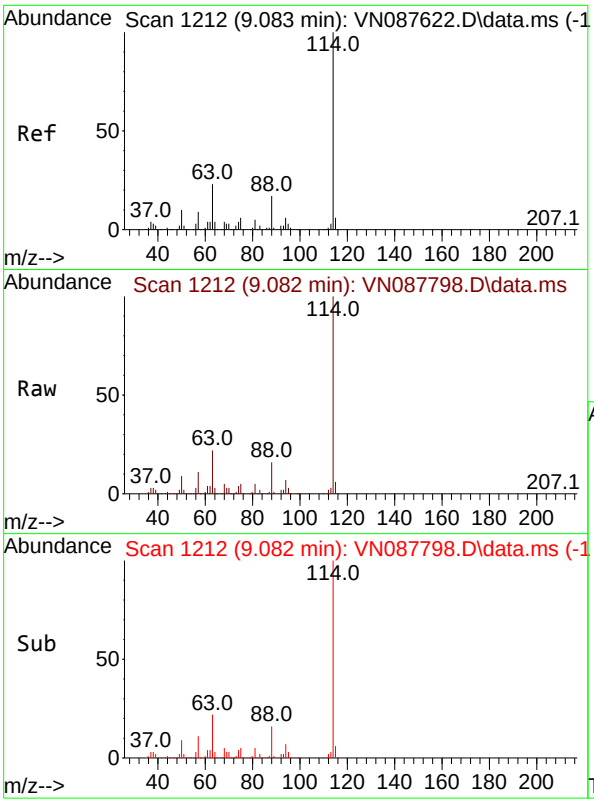


#33
1,2-Dichloroethane-d4
Concen: 50.823 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 65 Resp: 204019

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.0



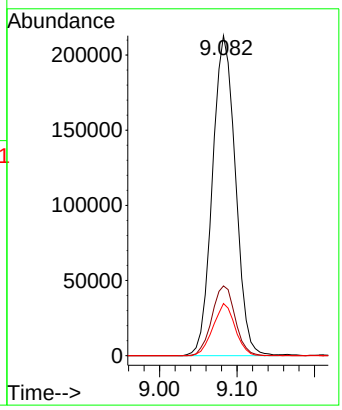


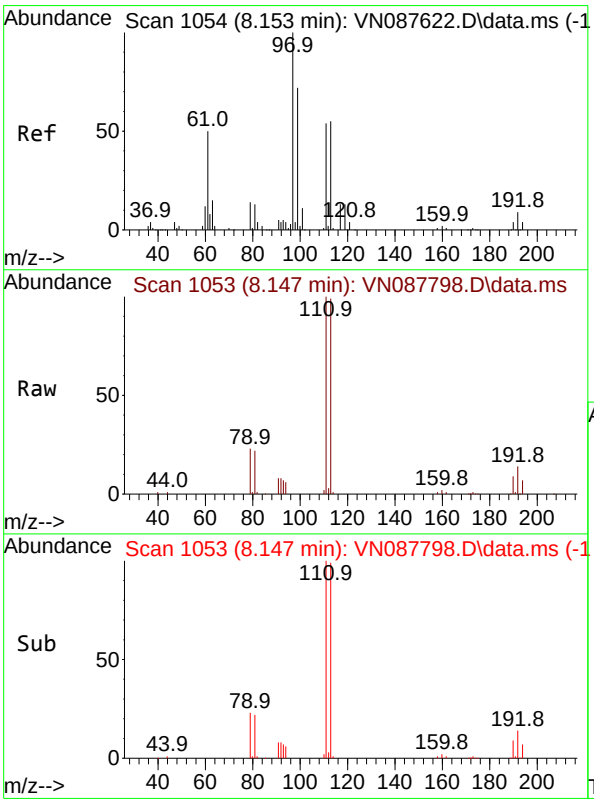
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 439253

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.2
88	16.3	0.0	33.4

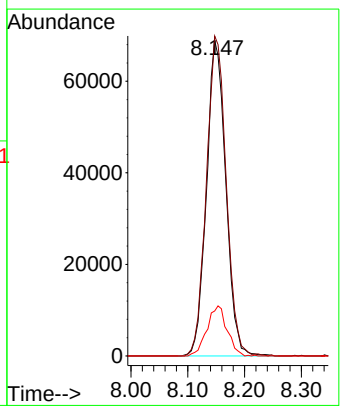


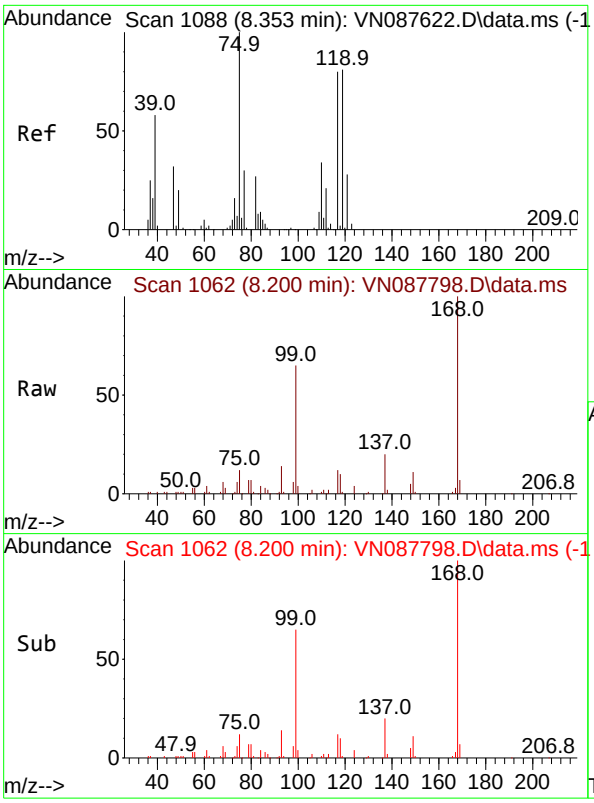


#35
Dibromofluoromethane
Concen: 51.165 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion:113 Resp: 162265

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.8	124.2
192	16.5	12.8	19.2



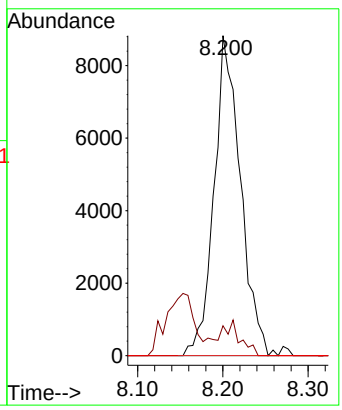


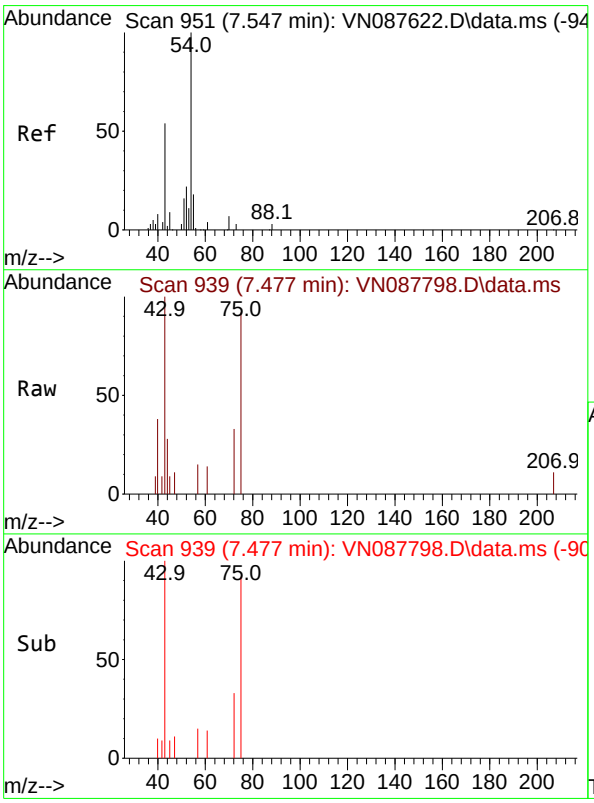
#36
1,1-Dichloropropene
Concen: 3.904 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 18995

Ion	Ratio	Lower	Upper
75	100		
110	7.7	15.9	47.6#
77	0.0	24.4	36.6#

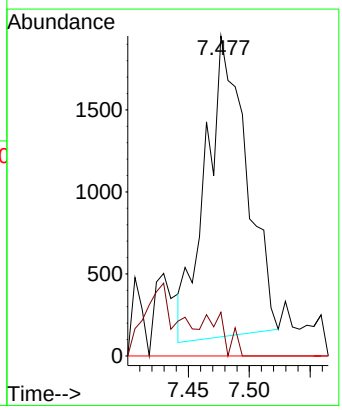


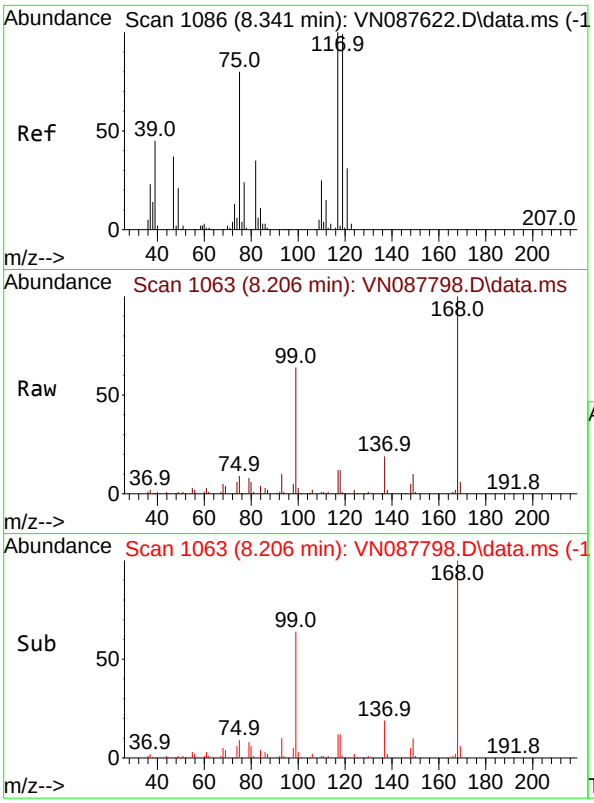


#37
Ethyl Acetate
Concen: 0.643 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.071 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 43 Resp: 4277

Ion	Ratio	Lower	Upper
43	100		
61	7.1	9.3	13.9#
70	0.0	7.0	10.6#



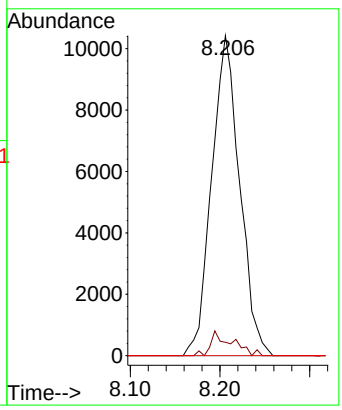


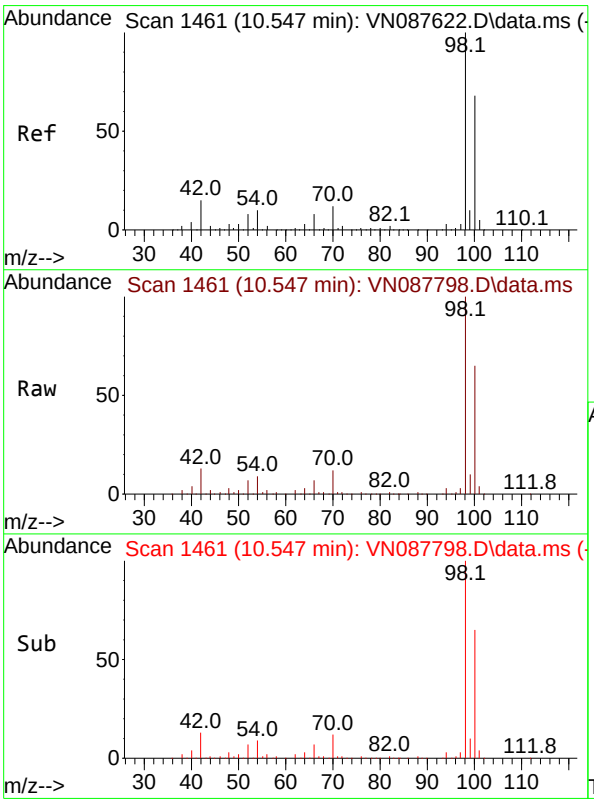
#38
Carbon Tetrachloride
Concen: 4.700 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 22578

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.0	118.6#
121	0.0	25.0	37.6#

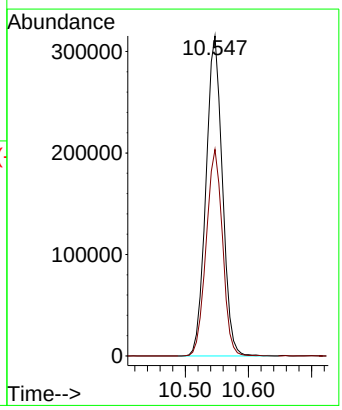


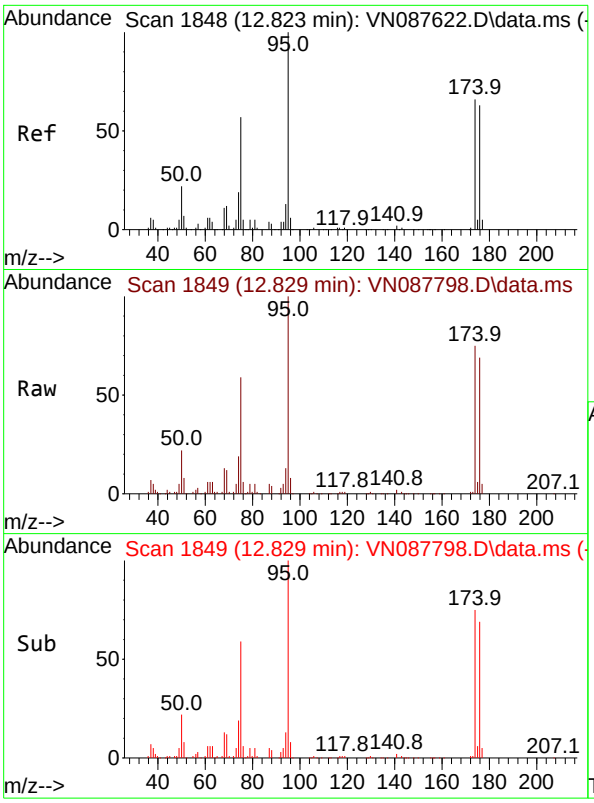


#50
Toluene-d8
Concen: 47.885 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 98 Resp: 568396

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.8	79.2



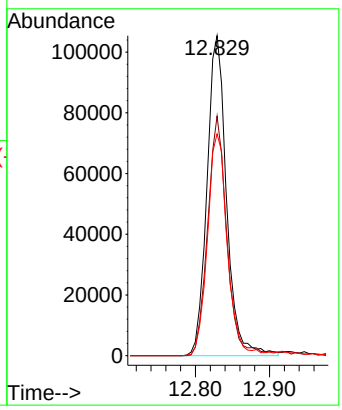


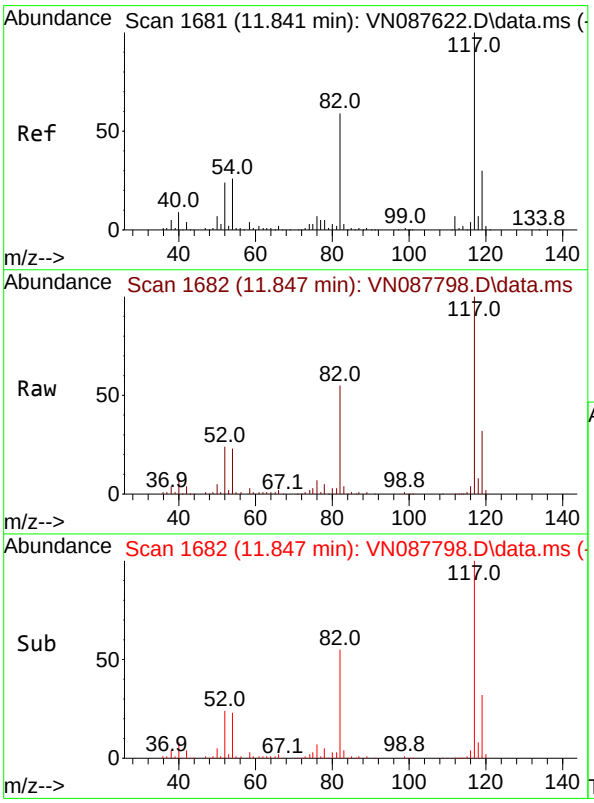
#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 193112

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	138.4
176	70.0	0.0	132.6

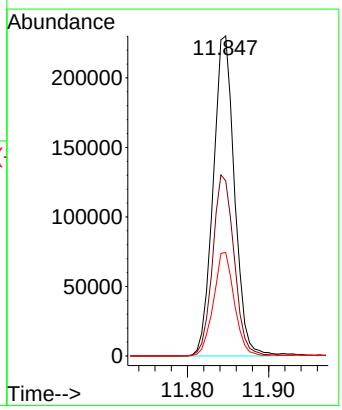


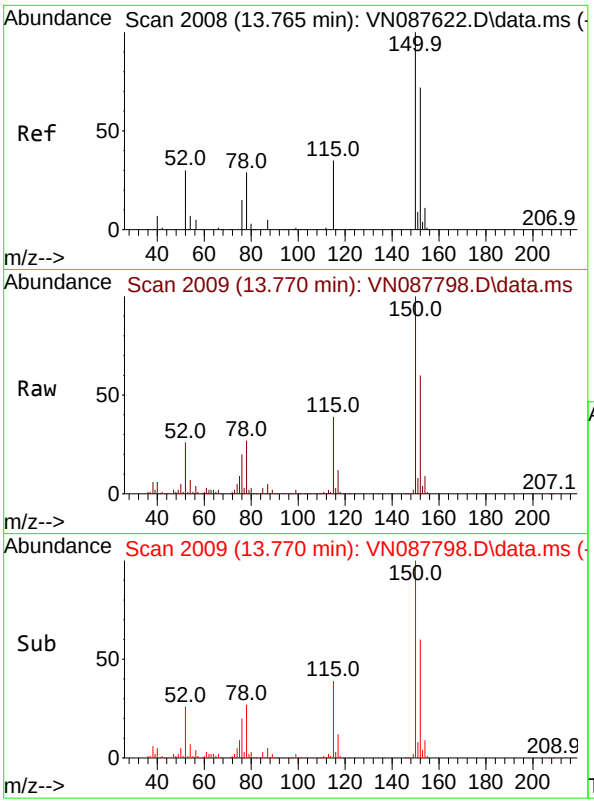


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion:117 Resp: 420583

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.4	71.2
119	32.4	24.3	36.5



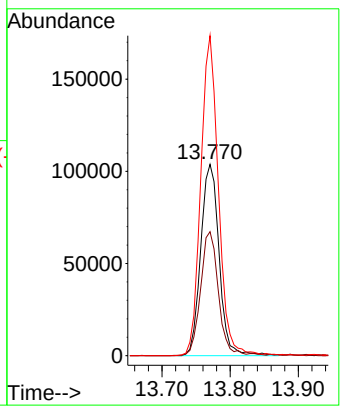


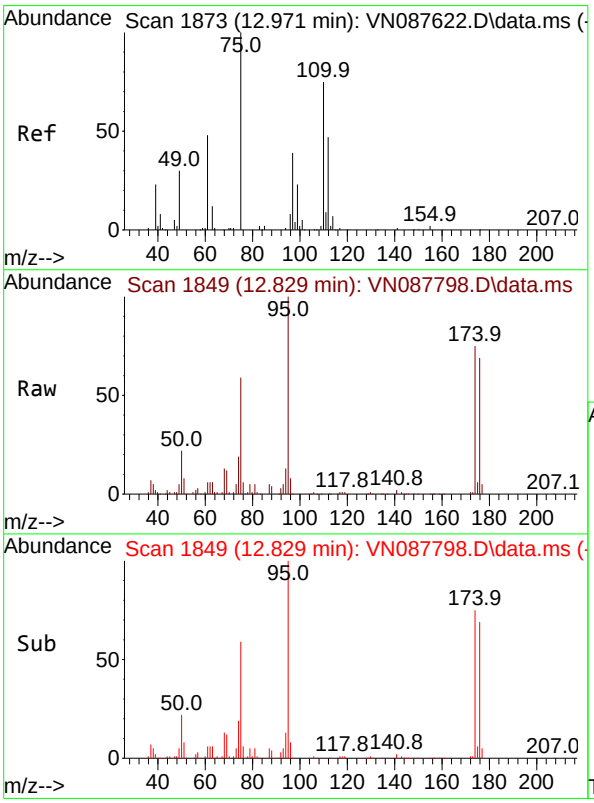
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2(
Delta R.T. 0.006 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 194604

Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.3	96.8
150	160.7	0.0	351.0

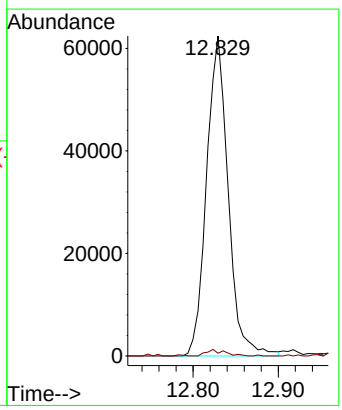


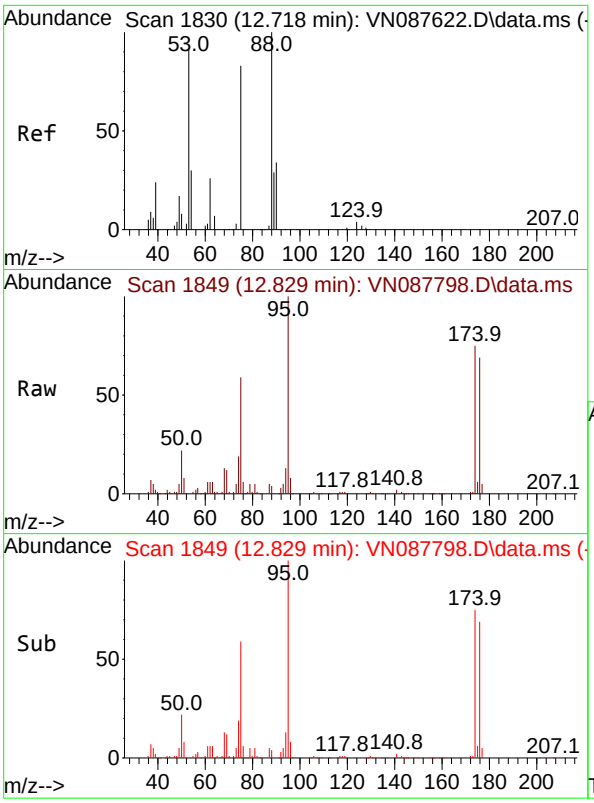


#76
1,2,3-Trichloropropane
Concen: 24.084 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion: 75 Resp: 109910

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#



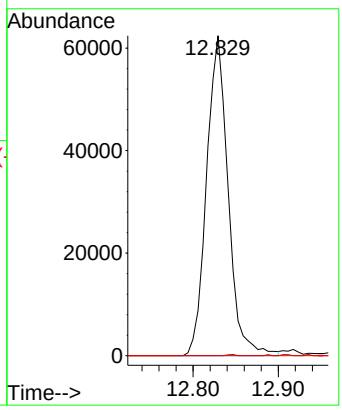


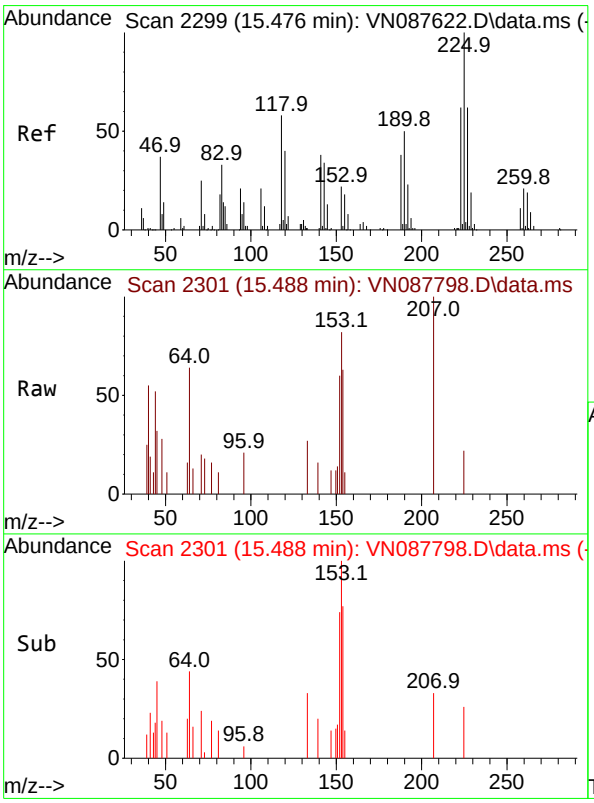
#81
trans-1,4-Dichloro-2-butene
Concen: 63.760 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 109910

Ion	Ratio	Lower	Upper
75	100		
53	0.1	101.8	152.6#
89	0.0	35.6	53.4#

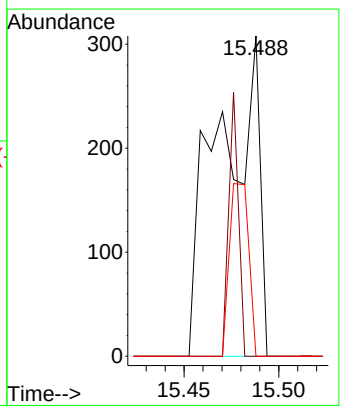


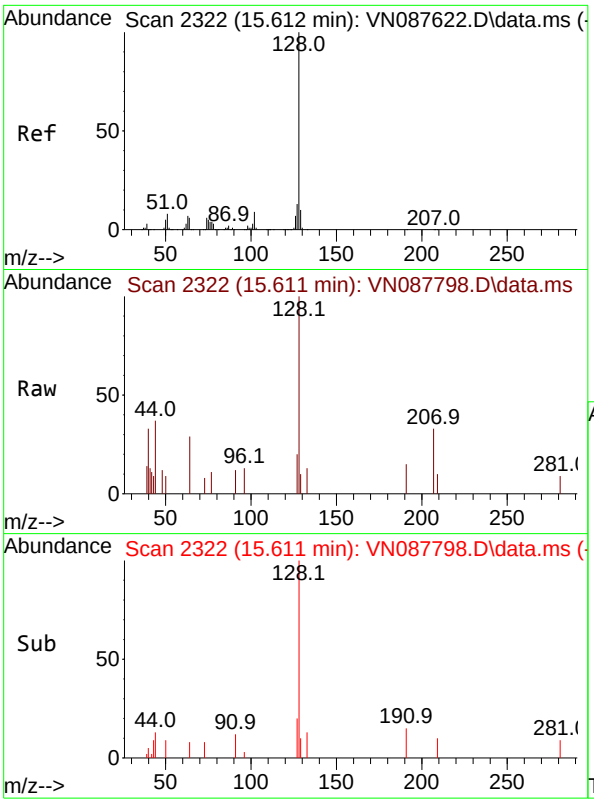


#94
Hexachlorobutadiene
Concen: 0.307 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. 0.012 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion:225 Resp: 456

Ion	Ratio	Lower	Upper
225	100		
223	19.7	32.0	96.2#
227	25.7	32.1	96.5#



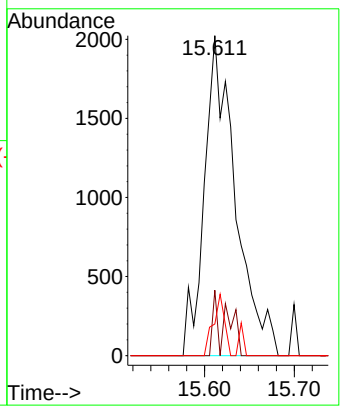


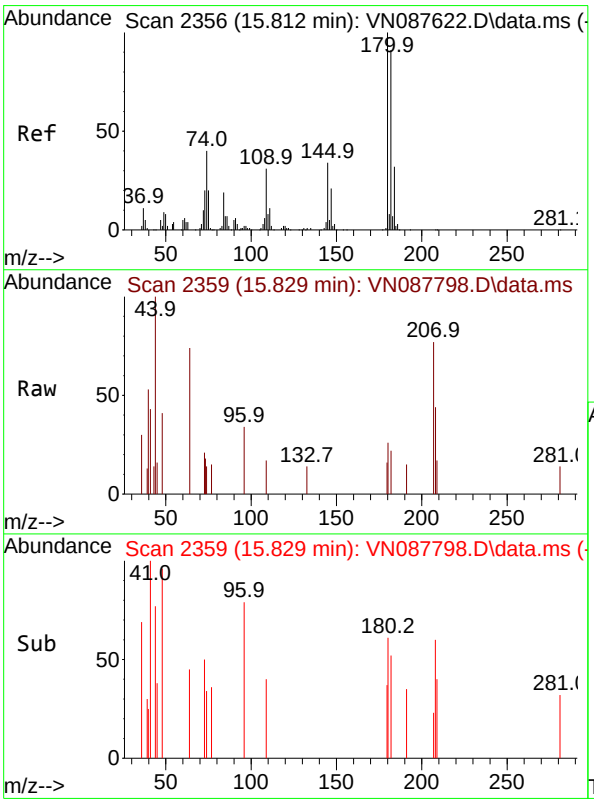
#95
Naphthalene
Concen: 0.331 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 4881

Ion	Ratio	Lower	Upper
128	100		
127	3.0	10.6	15.8#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. 0.018 min
Lab File: VN087798.D
Acq: 11 Sep 2025 15:25

Tgt Ion:180 Resp: 885

Ion	Ratio	Lower	Upper
180	100		
182	74.2	46.8	140.3
145	0.0	17.3	52.0#