Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
Data File : VN086621.D
Acq On : 14 May 2025 12:56
Operator : JC\MD
Sample : Q2014-01 20X
Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Quant Time: May 15 03:02:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	152935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110489	49.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.640%			
35) Dibromofluoromethane	8.165	113	89825	66.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 132.220%#			
50) Toluene-d8	10.565	98	376410	51.833	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.847	95	129553	48.911	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.820%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1233	0.468	ug/l #	73
5) Bromomethane	2.959	94	524	0.463	ug/l #	78
10) Methyl Iodide	4.594	142	694	0.375	ug/l #	42
13) Acrolein	4.183	56	59	Below Cal	#	13
16) Acetone	4.436	43	919	Below Cal	#	43
17) Carbon Disulfide	4.712	76	1733	0.322	ug/l #	74
18) Methyl Acetate	5.024	43	1942	0.730	ug/l #	57
29) Tetrahydrofuran	7.841	42	254	0.275	ug/l #	32
31) Cyclohexane	8.218	56	3452	0.960	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	12625	4.652	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15372	5.948	ug/l #	15
43) Isopropyl Acetate	8.653	43	3005	Below Cal	#	55
59) 2-Hexanone	11.194	43	870	0.401	ug/l	75
71) Bromoform	12.847	173	597	0.382	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66781	24.167	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66781	58.039	ug/l #	10
89) n-Butylbenzene	14.053	91	1823	0.265	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	924	0.499	ug/l #	85
94) Hexachlorobutadiene	15.500	225	528	0.755	ug/l #	62
95) Naphthalene	15.641	128	5171	0.788	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.835	180	1245	0.710	ug/l	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
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Acq On : 14 May 2025 12:56
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Sample : Q2014-01 20X
Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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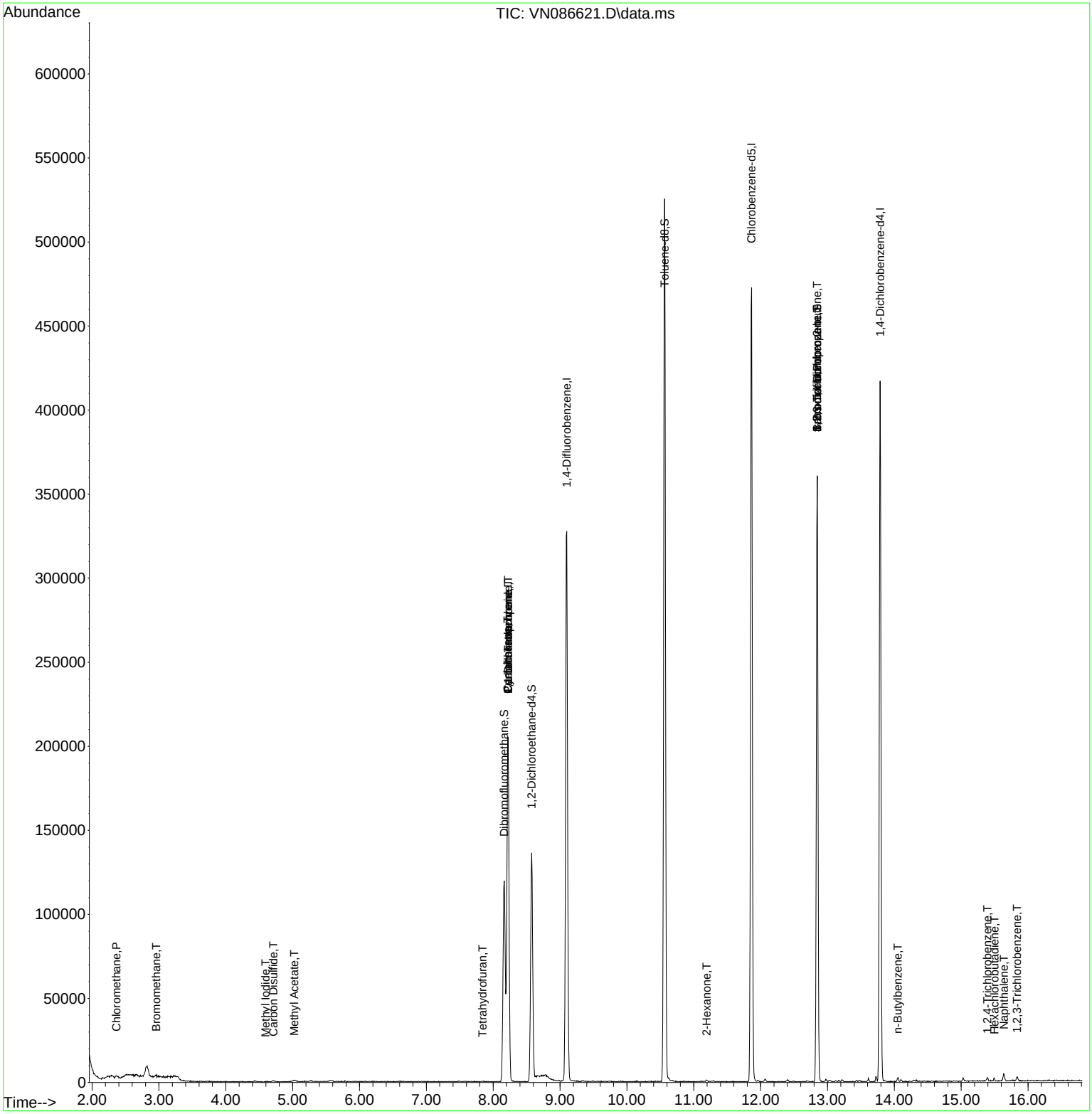
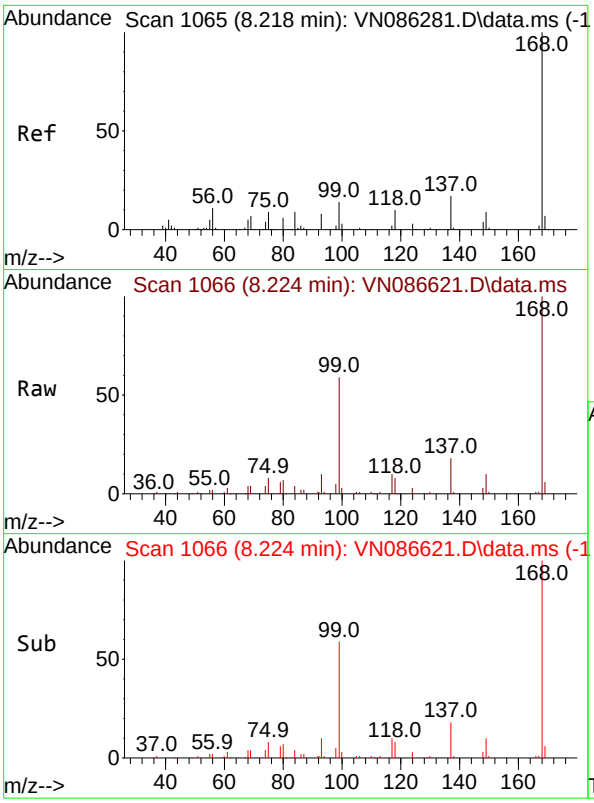
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Quant Time: May 15 03:02:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



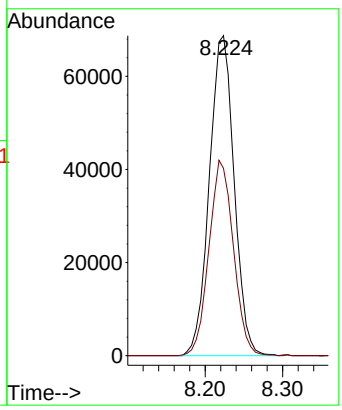


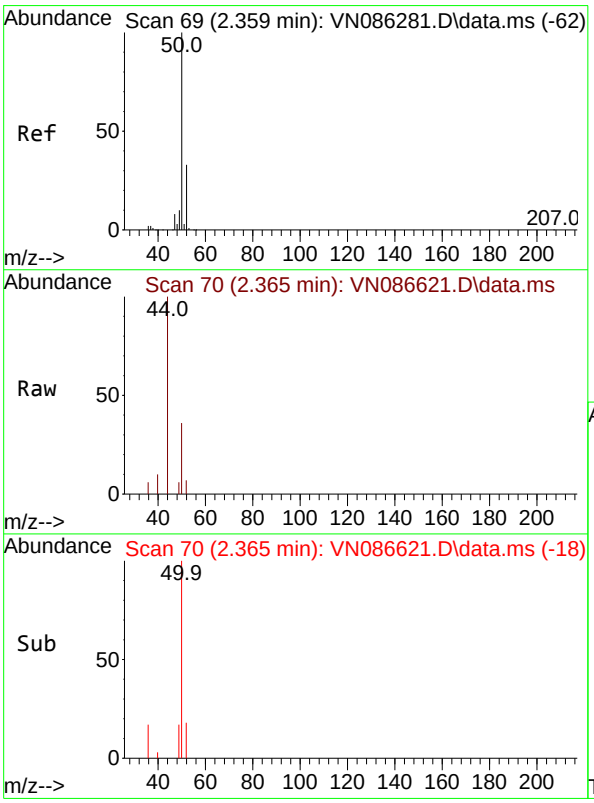
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:168 Resp: 152935

Ion	Ratio	Lower	Upper
168	100		
99	58.6	52.5	78.7

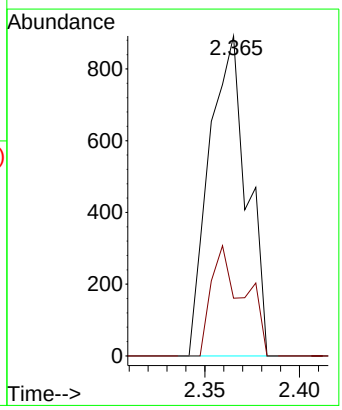


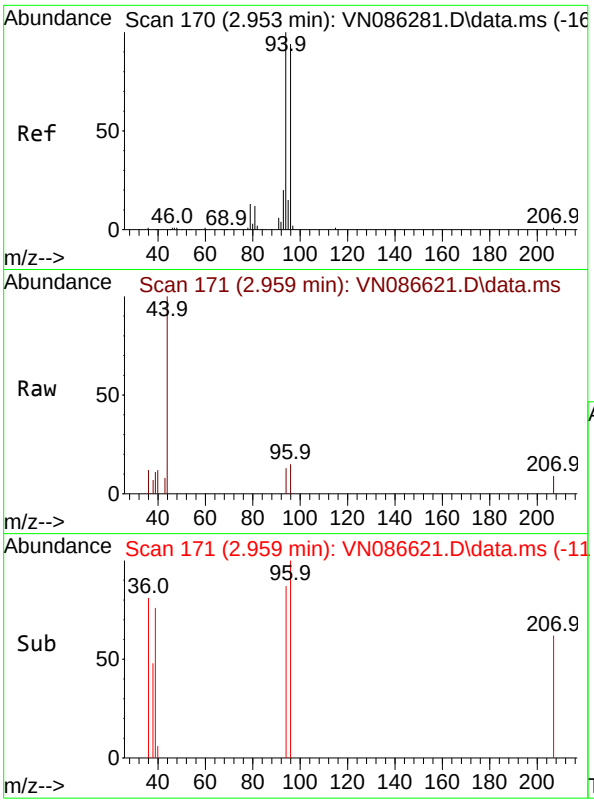


#3
Chloromethane
Concen: 0.468 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 50 Resp: 1233

Ion	Ratio	Lower	Upper
50	100		
52	18.0	26.5	39.7#



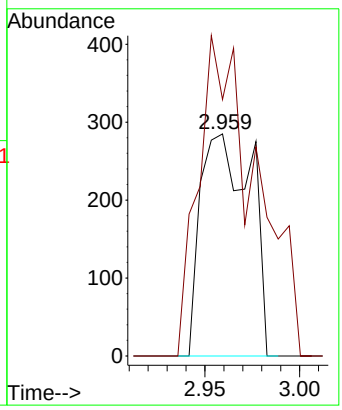


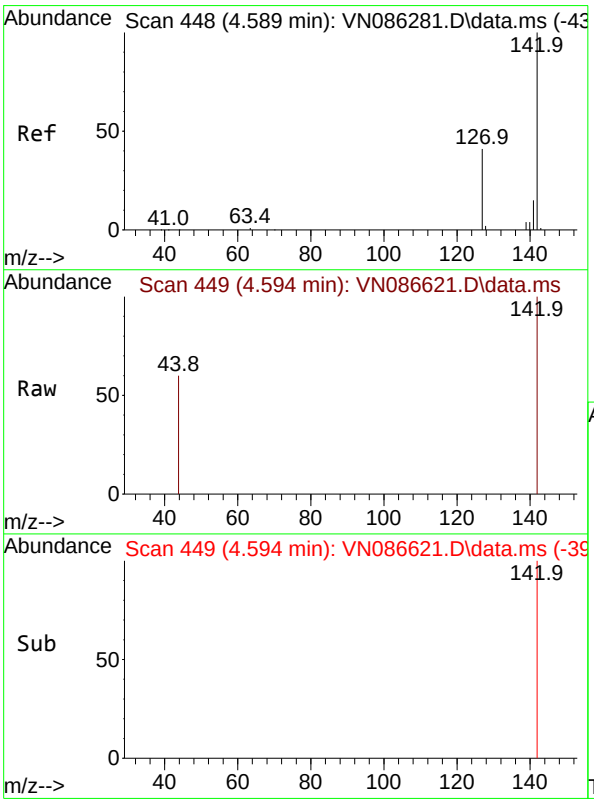
#5
Bromomethane
Concen: 0.463 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 94 Resp: 524

Ion	Ratio	Lower	Upper
94	100		
96	115.4	75.2	112.8#

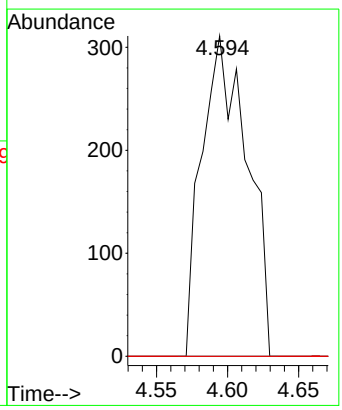


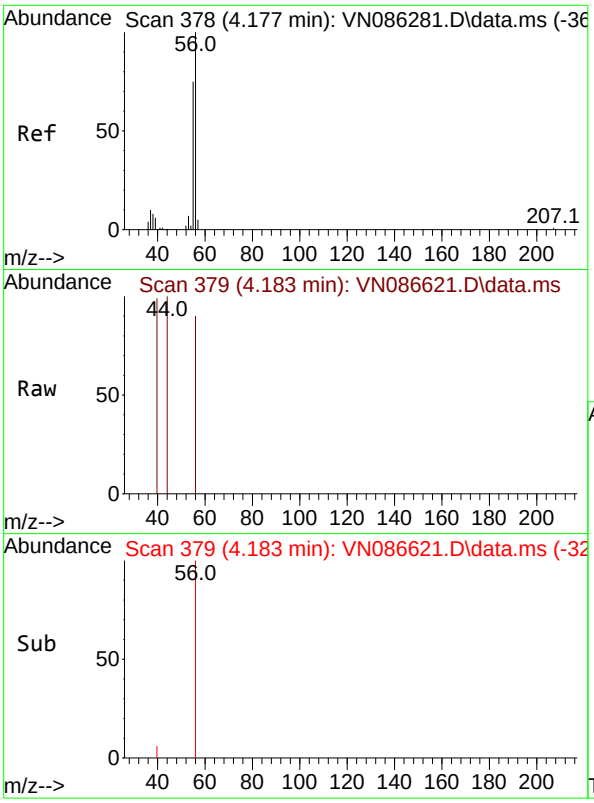


#10
Methyl Iodide
Concen: 0.375 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:142 Resp: 694

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.7	17.5#



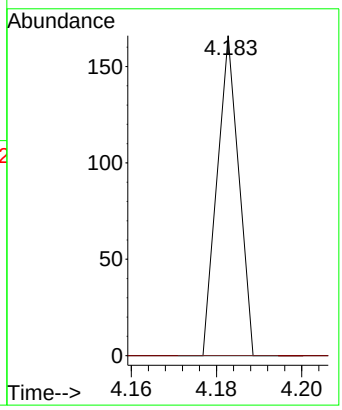


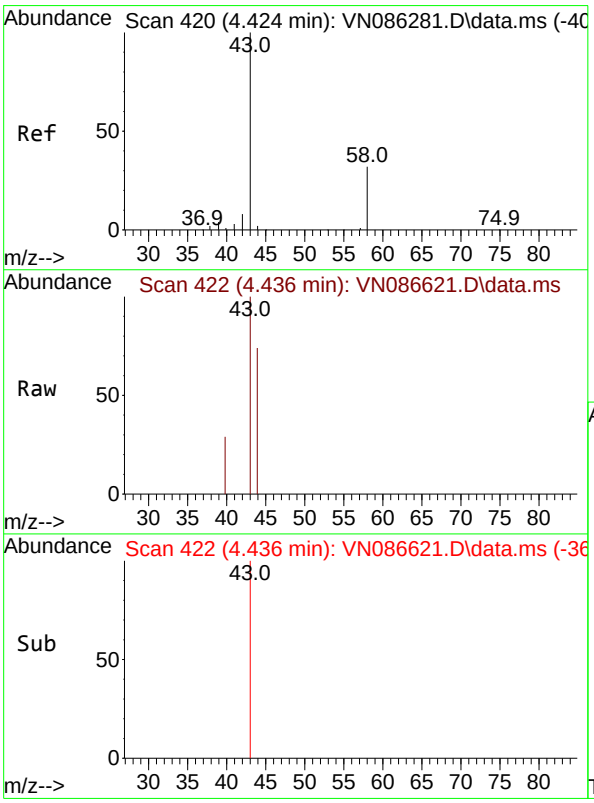
#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.5	87.7#

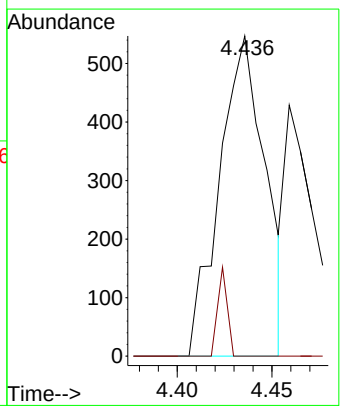


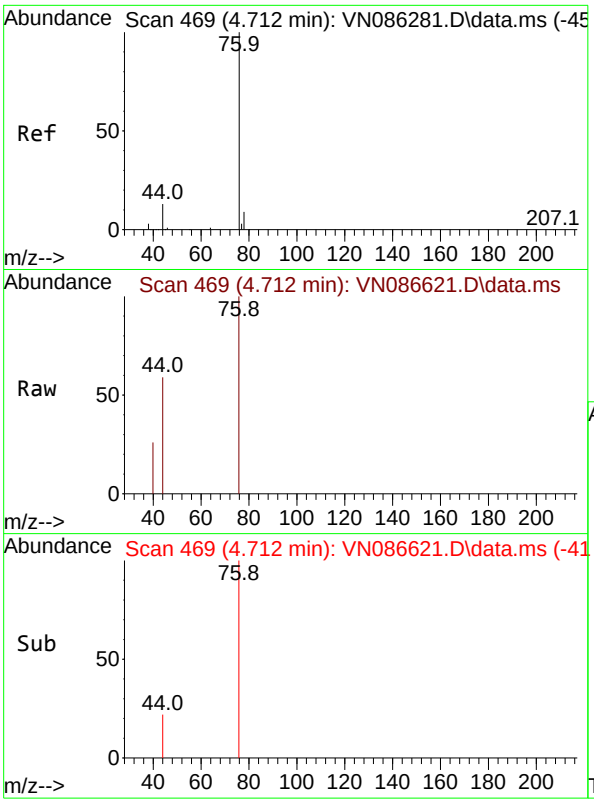


#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 43 Resp: 919

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.3	37.9#



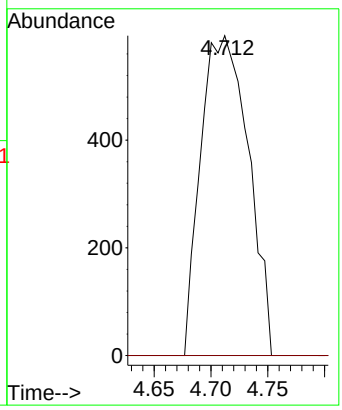


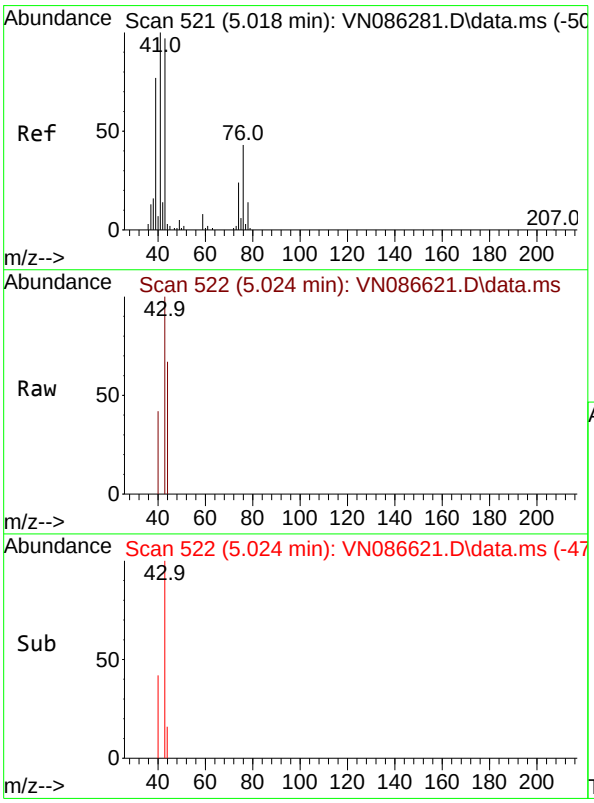
#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 4.712 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 76 Resp: 1733

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

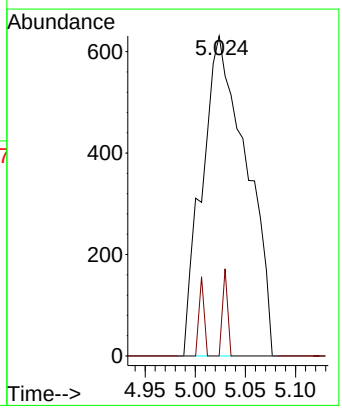


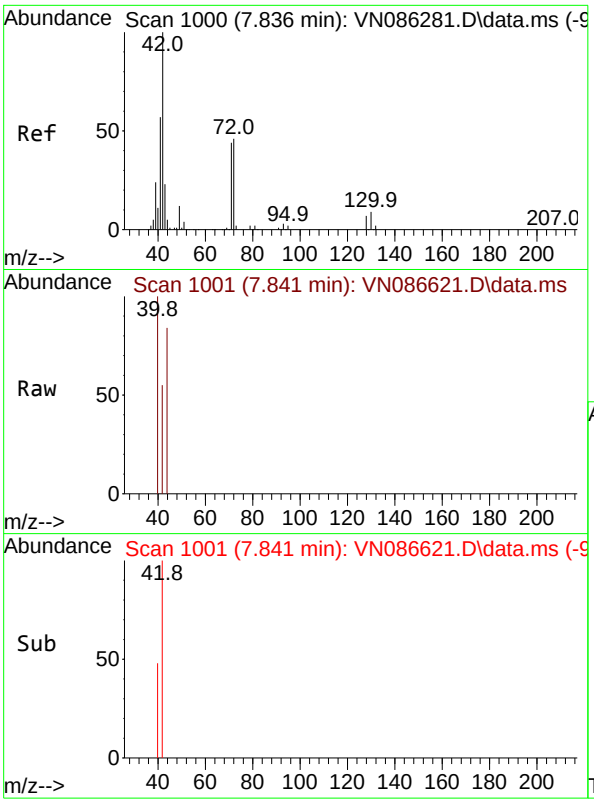


#18
Methyl Acetate
Concen: 0.730 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 43 Resp: 1942

Ion	Ratio	Lower	Upper
43	100		
74	3.1	19.8	29.6#



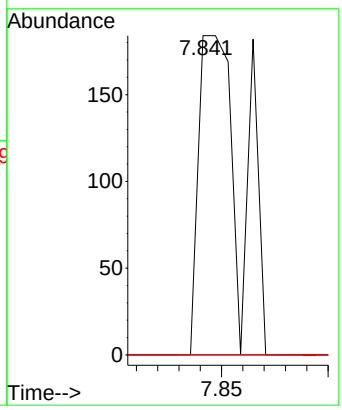


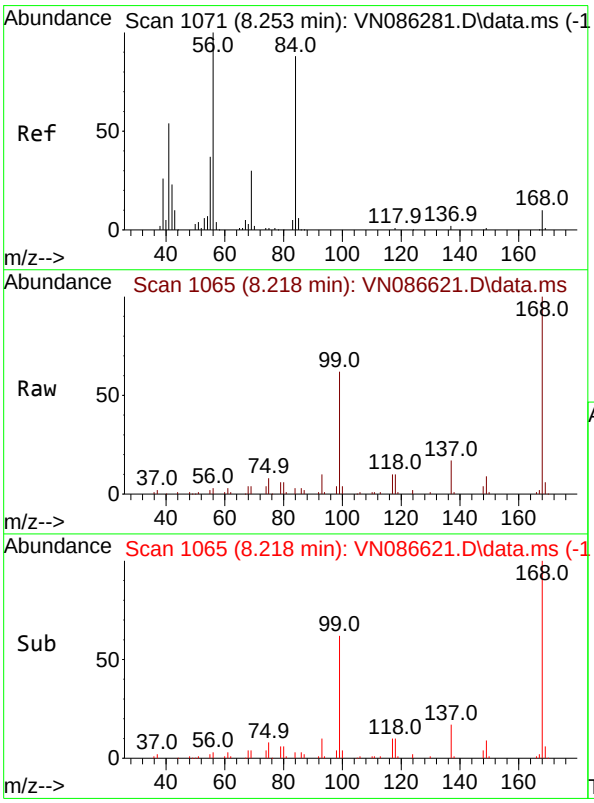
#29
Tetrahydrofuran
Concen: 0.275 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 42 Resp: 254

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	34.0	51.0#

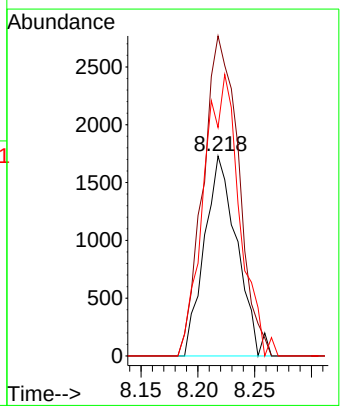


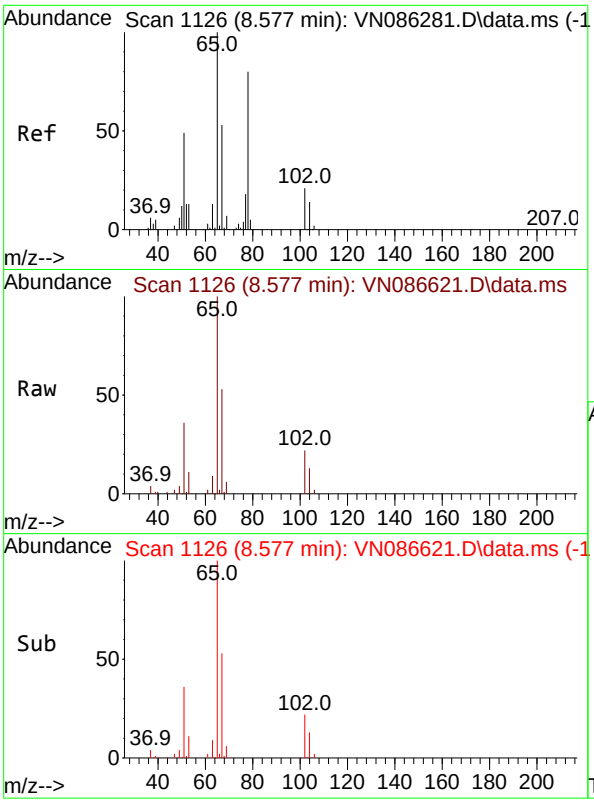


#31
Cyclohexane
Concen: 0.960 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 56 Resp: 3452

Ion	Ratio	Lower	Upper
56	100		
69	160.2	24.2	36.2#
84	114.4	70.3	105.5#



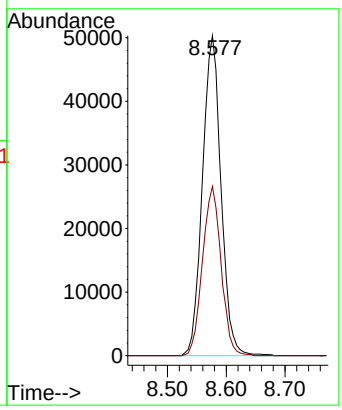


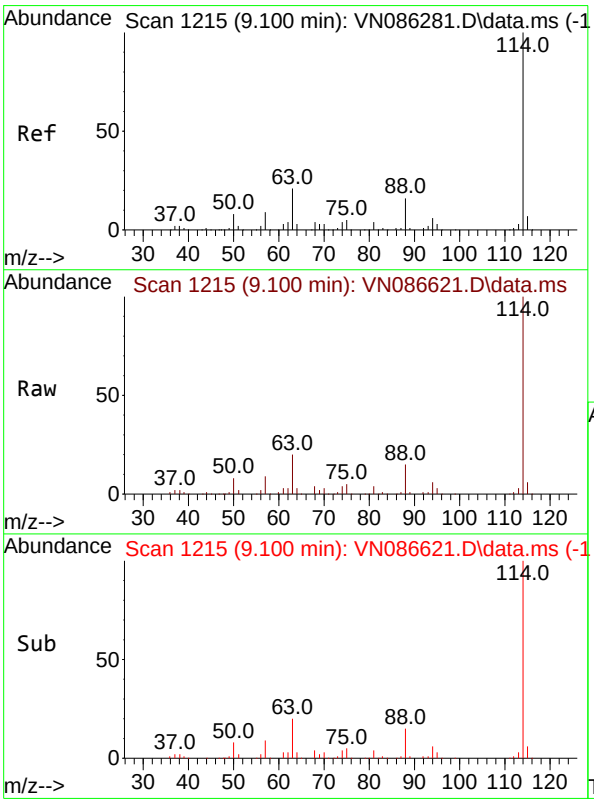
#33
1,2-Dichloroethane-d4
Concen: 49.822 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 65 Resp: 110489

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0

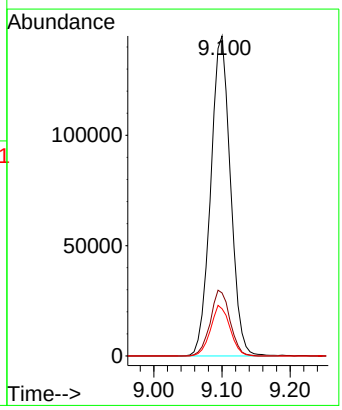


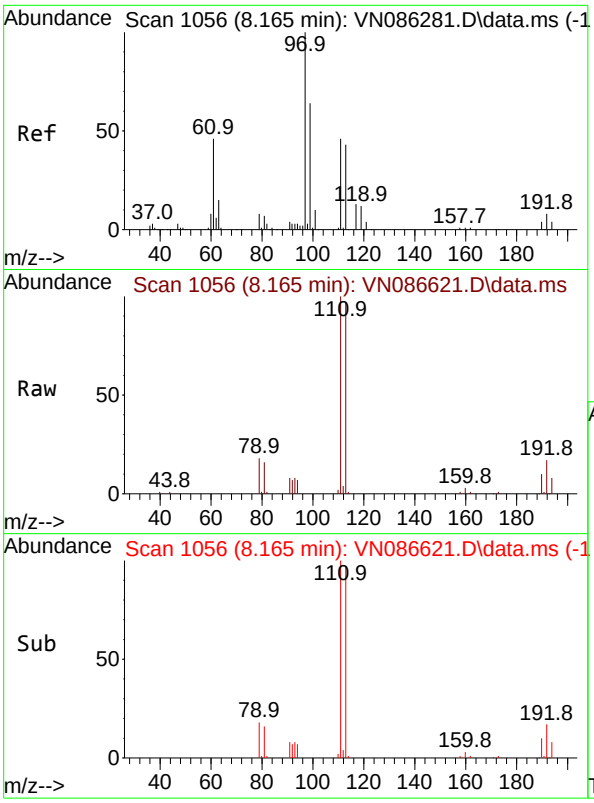


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:114 Resp: 292769

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	14.8	0.0	31.8



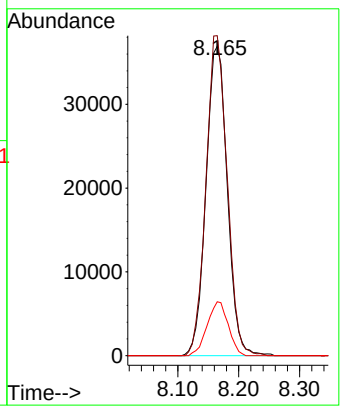


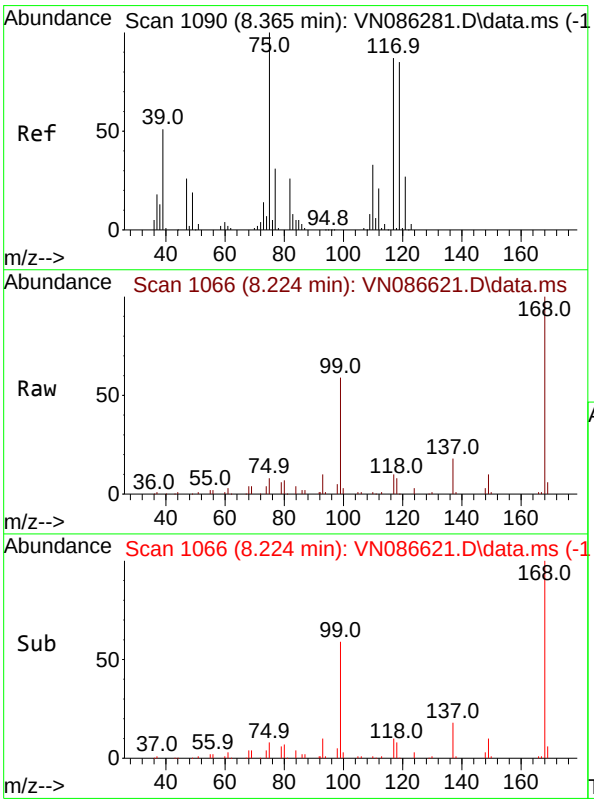
#35
Dibromofluoromethane
Concen: 66.107 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:113 Resp: 89825

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	17.2	13.7	20.5

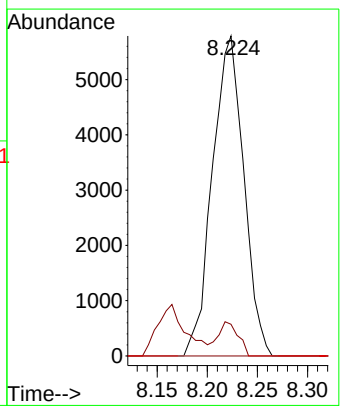


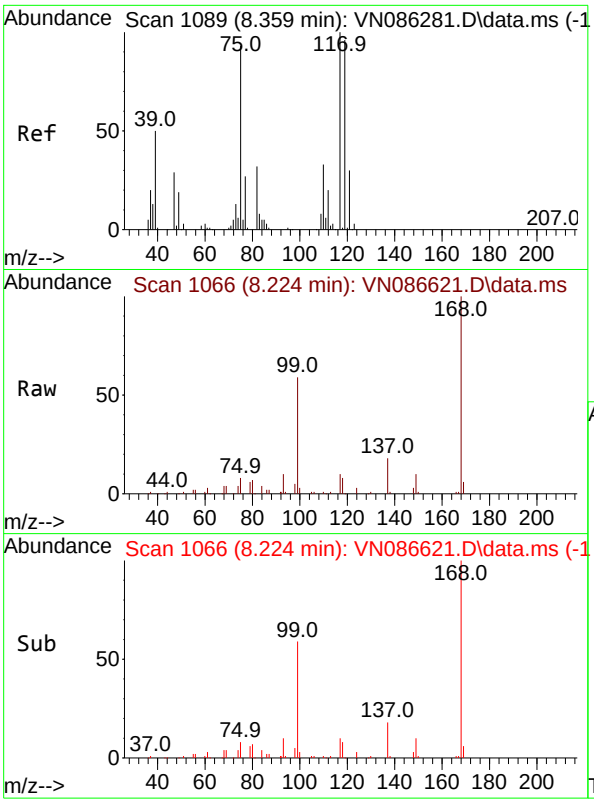


#36
1,1-Dichloropropene
Concen: 4.652 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 75 Resp: 12625

Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.8	50.4#
77	0.0	24.9	37.3#



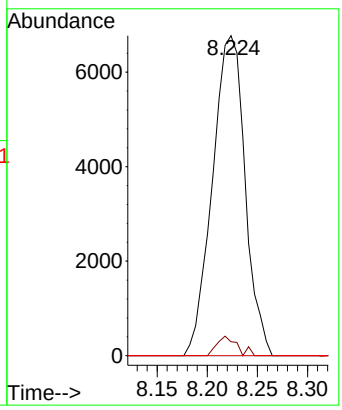


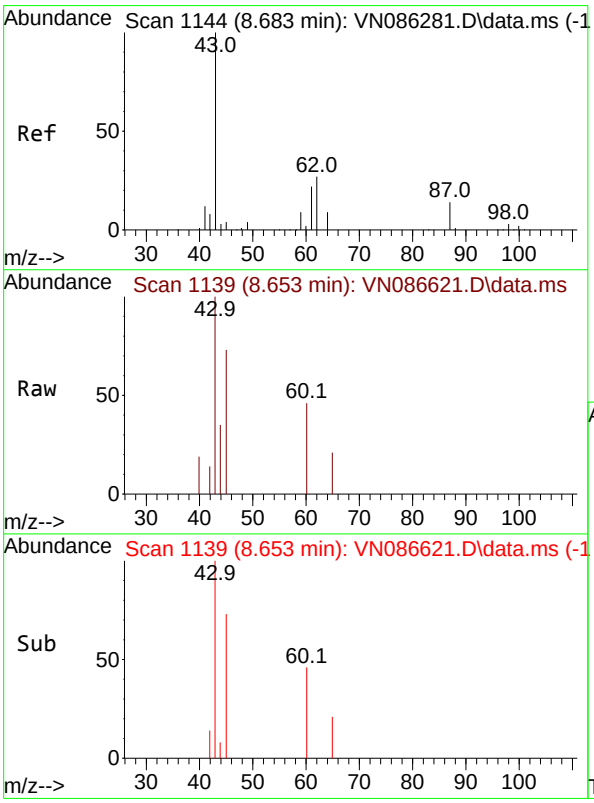
#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:117 Resp: 15372

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.8	115.2#
121	0.0	23.8	35.8#

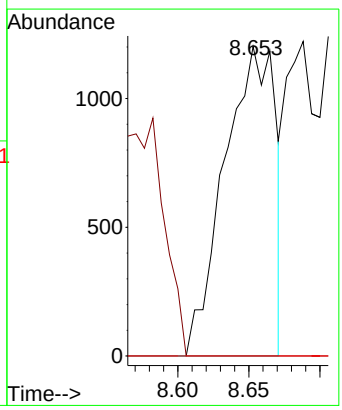


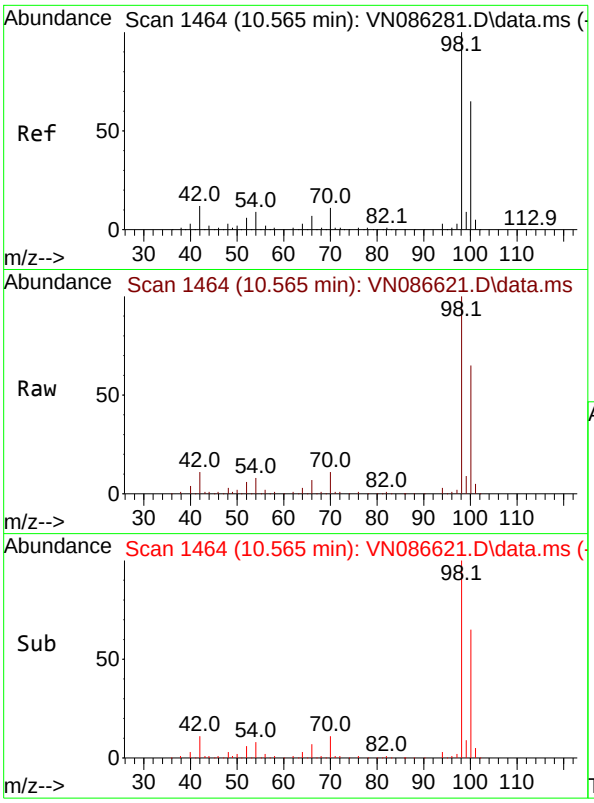


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.653 min Scan# 1139
Delta R.T. -0.030 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 43 Resp: 3005

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.5	30.7#
87	0.0	10.5	15.7#



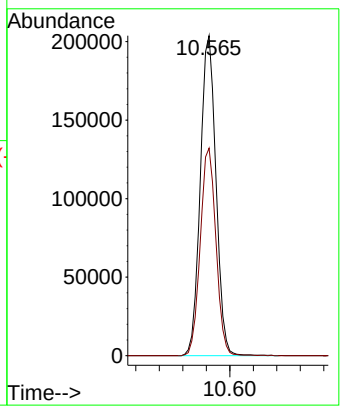


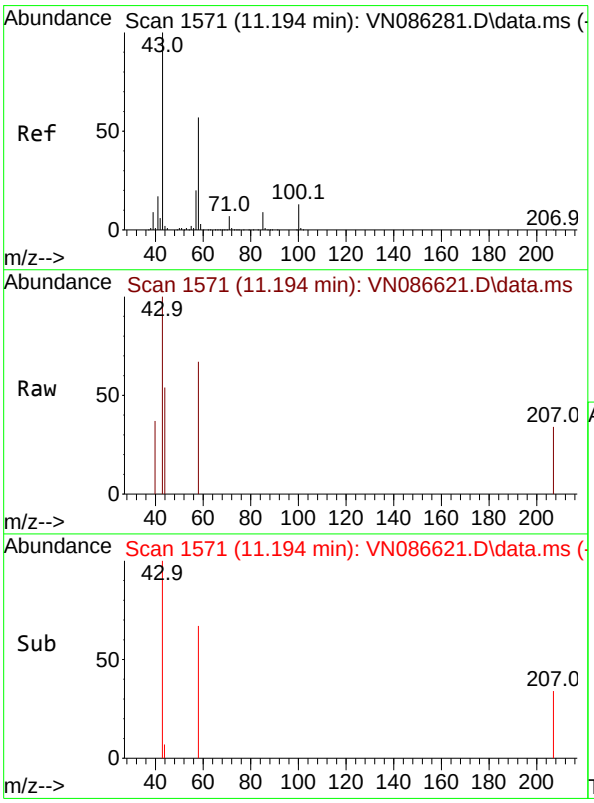
#50
Toluene-d8
Concen: 51.833 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 98 Resp: 376410

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

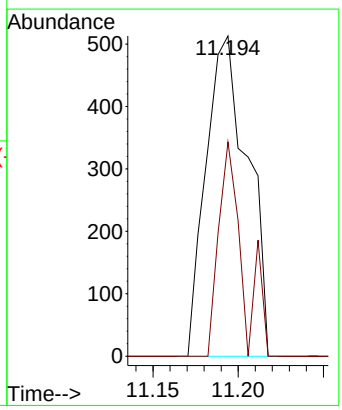


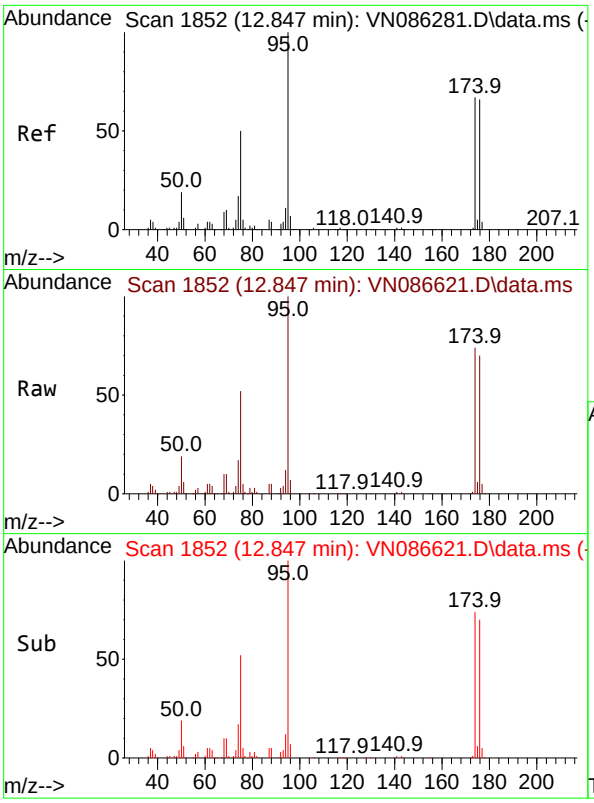


#59
2-Hexanone
Concen: 0.401 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 43 Resp: 870

Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.3	85.0



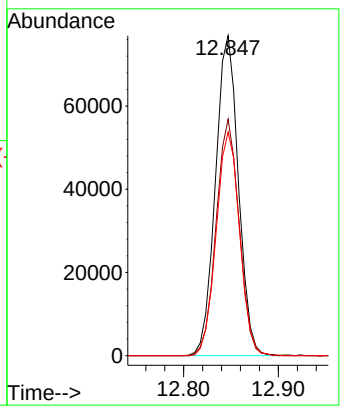


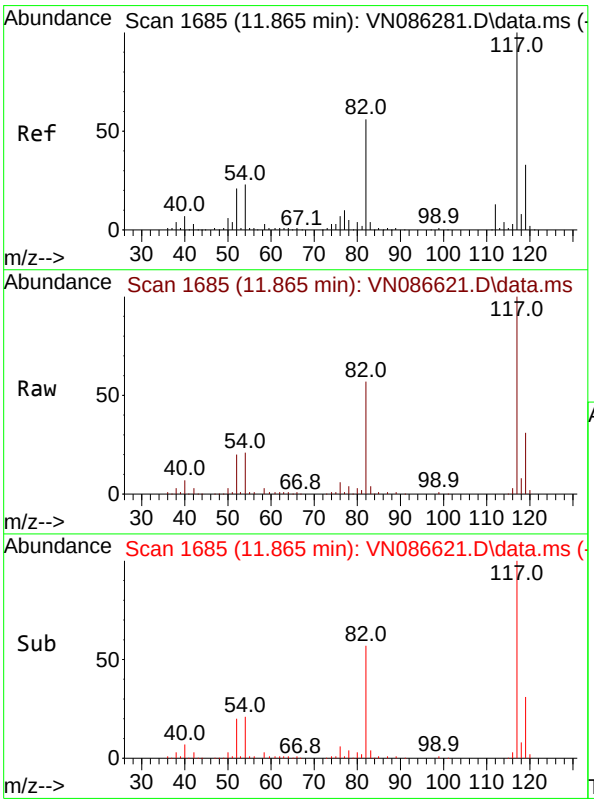
#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 95 Resp: 129553

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	133.4
176	71.0	0.0	129.2

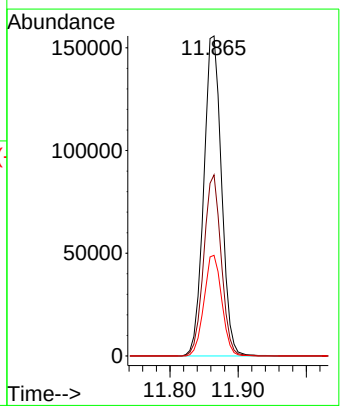


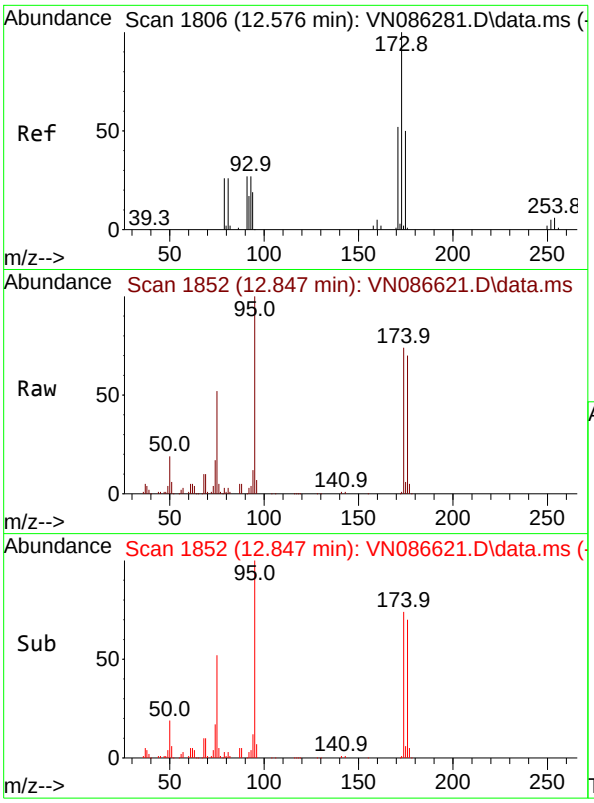


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:117 Resp: 281623

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.7	67.1
119	31.5	26.4	39.6



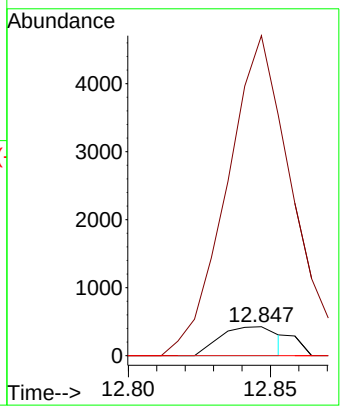


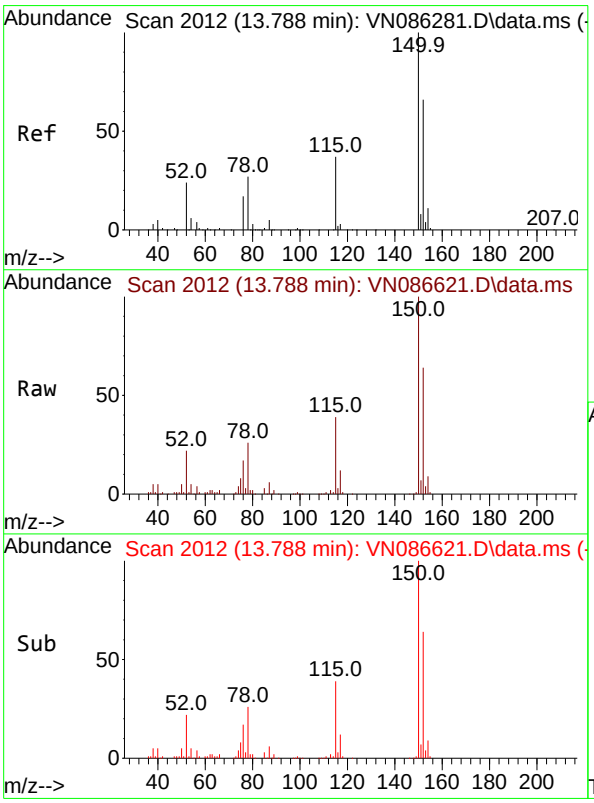
#71
Bromoform
Concen: 0.382 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.270 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:173 Resp: 597

Ion	Ratio	Lower	Upper
173	100		
175	1002.3	24.6	73.6#
254	0.0	0.0	0.0

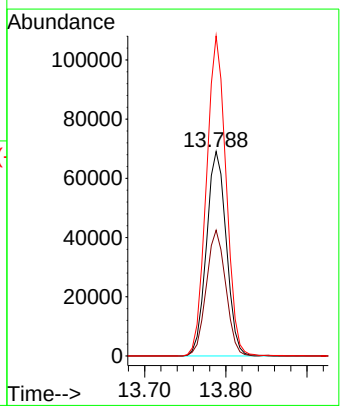


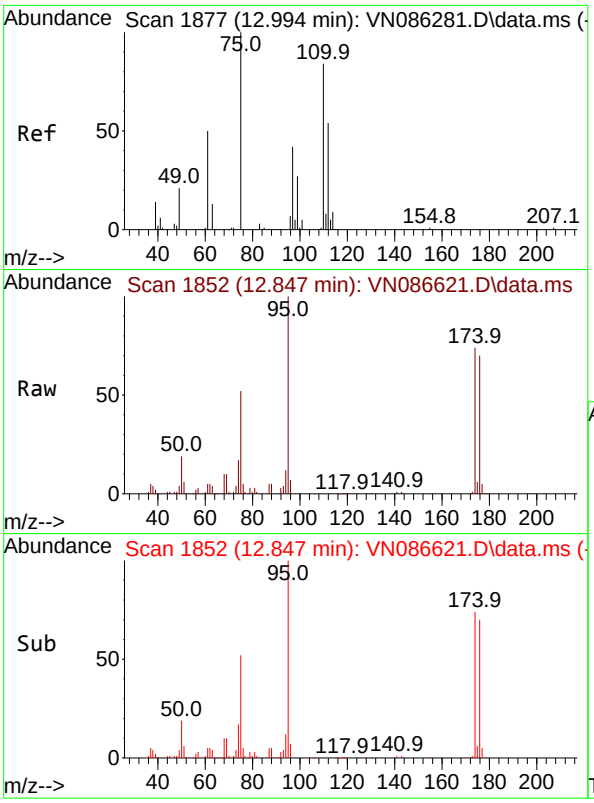


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:152 Resp: 117099

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.9	95.9
150	154.6	0.0	352.0



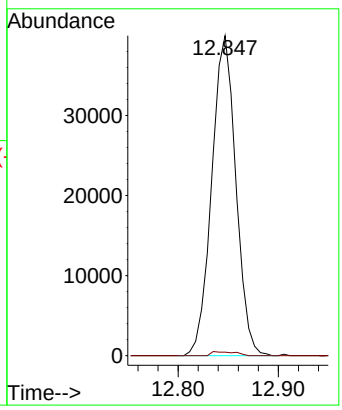


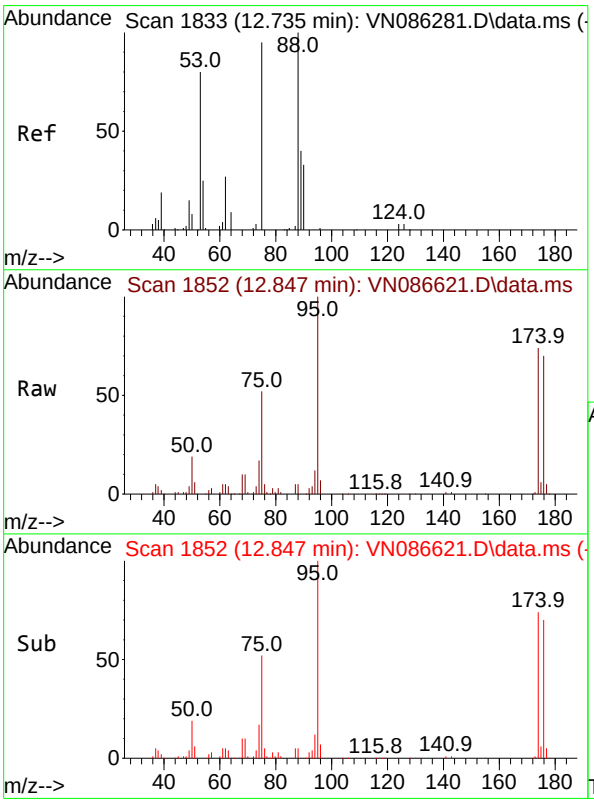
#76
1,2,3-Trichloropropane
Concen: 24.167 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 75 Resp: 66781

Ion	Ratio	Lower	Upper
75	100		
77	1.3	98.8	296.4#

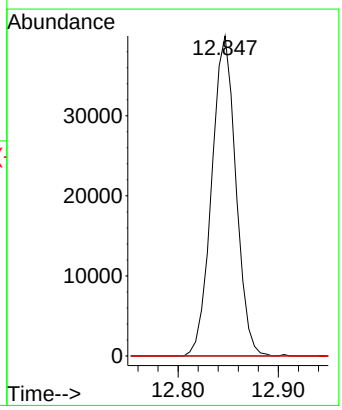


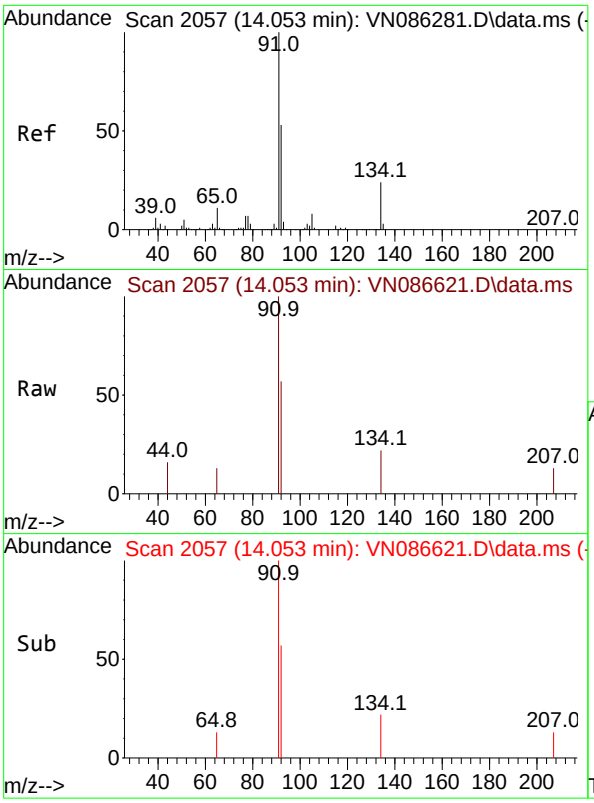


#81
trans-1,4-Dichloro-2-butene
Concen: 58.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 75 Resp: 66781

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.2	118.8#
89	0.0	35.7	53.5#



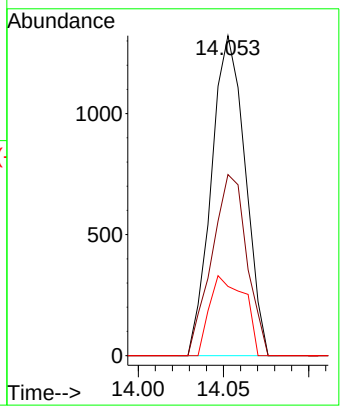


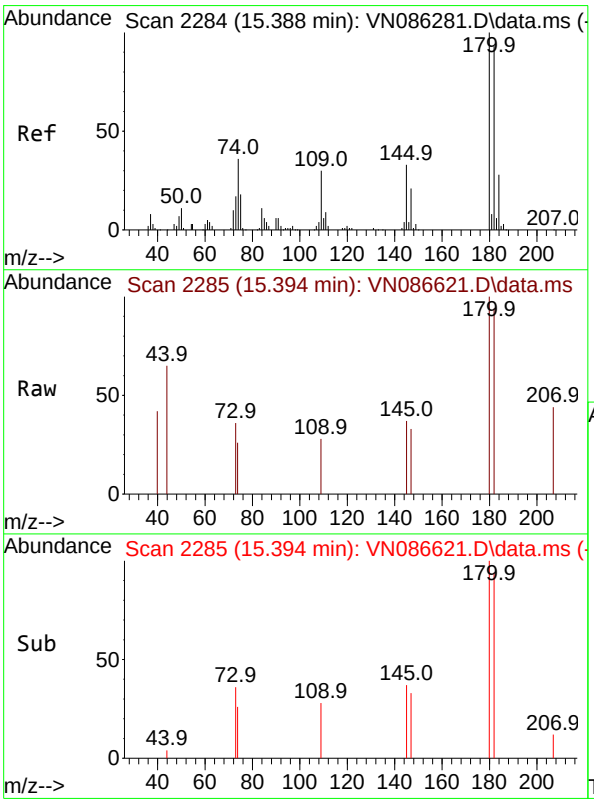
#89
n-Butylbenzene
Concen: 0.265 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion: 91 Resp: 1823

Ion	Ratio	Lower	Upper
91	100		
92	58.7	26.8	80.4
134	25.6	12.2	36.6

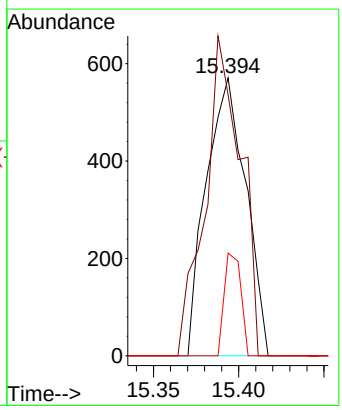


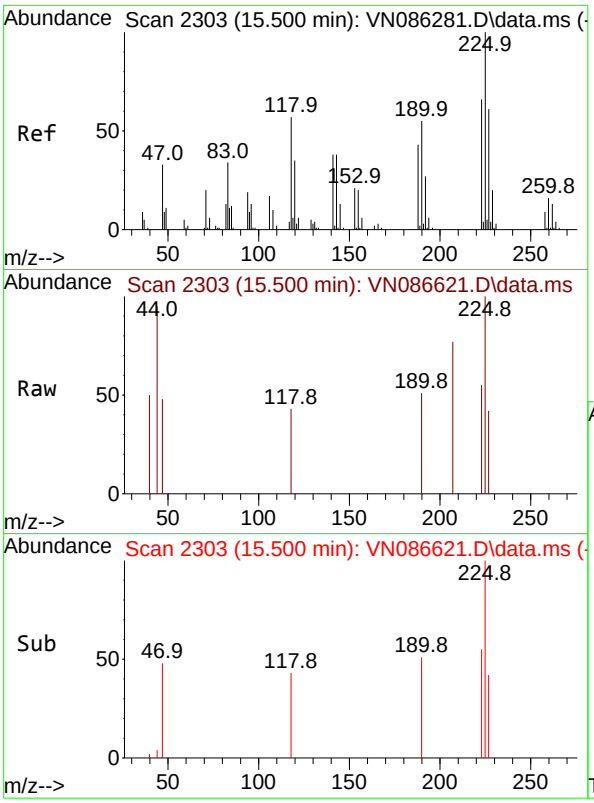


#93
1,2,4-Trichlorobenzene
Concen: 0.499 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:180 Resp: 924

Ion	Ratio	Lower	Upper
180	100		
182	103.1	47.0	141.0
145	15.5	16.4	49.1#



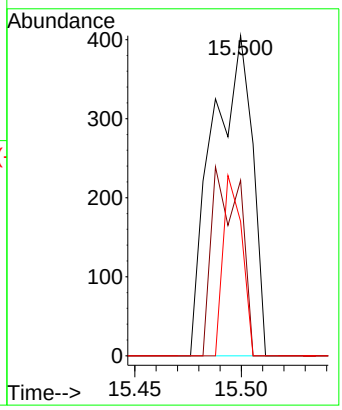


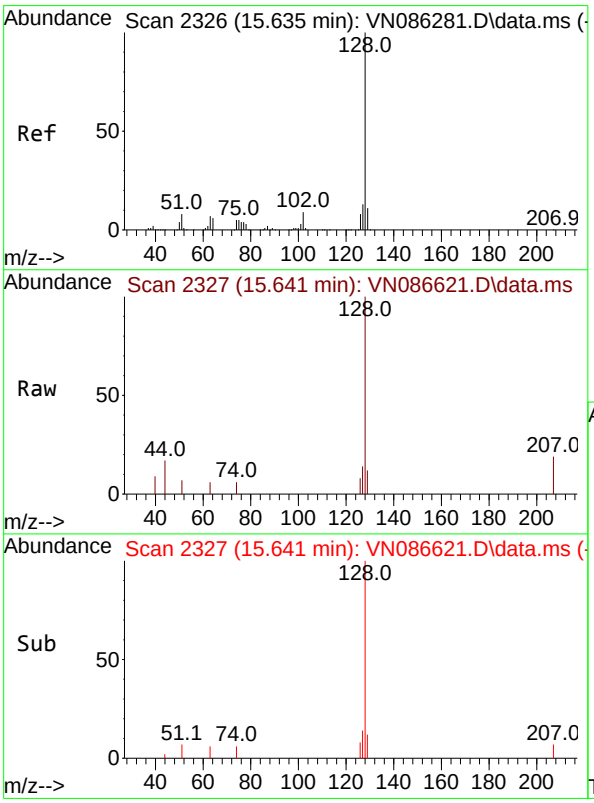
#94
Hexachlorobutadiene
Concen: 0.755 ug/l
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:225 Resp: 528

Ion	Ratio	Lower	Upper
225	100		
223	41.9	32.8	98.3
227	26.5	31.4	94.0#

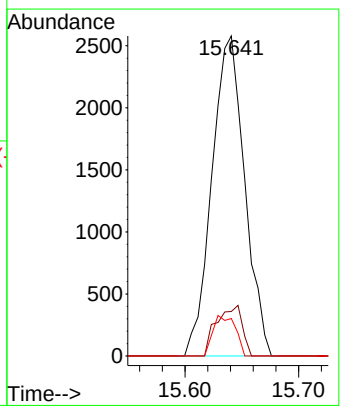


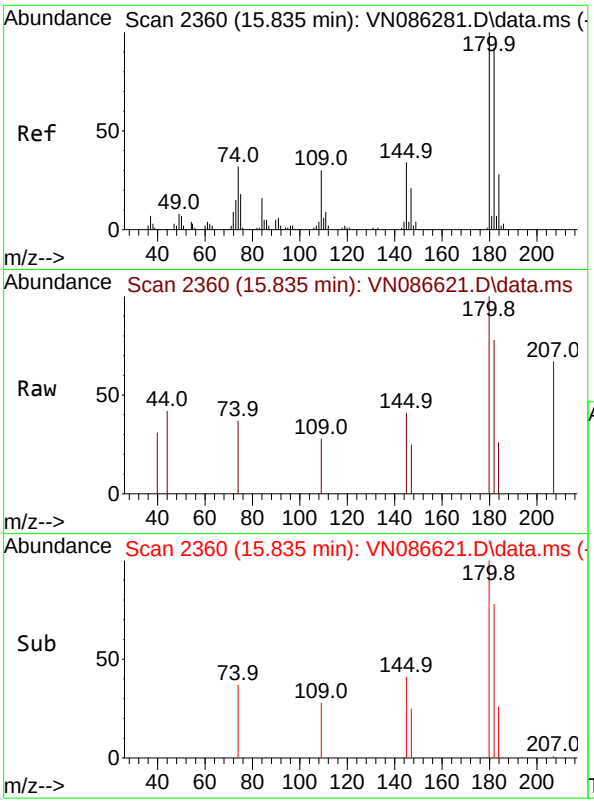


#95
Naphthalene
Concen: 0.788 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:128 Resp: 5171

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	8.6	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.710 ug/l
RT: 15.835 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:180 Resp: 1245

Ion	Ratio	Lower	Upper
180	100		
182	89.8	47.3	142.0
145	18.6	17.2	51.5