Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087677.D
Acq On : 28 Aug 2025 12:09
Operator : JC\MD
Sample : VN0828MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Quant Time: Aug 29 03:15:13 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	165959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	389198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	354647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	163207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	187733	55.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.420%			
35) Dibromofluoromethane	8.153	113	142337	50.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	10.547	98	505630	48.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.829	95	168747	45.116	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.240%			
Target Compounds						Qvalue
5) Bromomethane	2.977	94	554	0.382	ug/l #	3
10) Methyl Iodide	4.565	142	71	6.846	ug/l #	38
13) Acrolein	4.195	56	1169	1.611	ug/l #	62
15) Acrylonitrile	5.712	53	1275	0.766	ug/l #	67
16) Acetone	4.424	43	2377	1.284	ug/l #	72
17) Carbon Disulfide	4.694	76	1613	0.245	ug/l #	74
20) Methylene Chloride	5.259	84	1019	Below Cal	#	67
21) trans-1,2-Dichloroethene	5.794	96	520	0.201	ug/l #	1
23) Vinyl Acetate	6.600	43	1861	0.219	ug/l #	72
25) 2-Butanone	7.488	43	1062	0.436	ug/l #	50
29) Tetrahydrofuran	7.835	42	478	0.305	ug/l #	34
31) Cyclohexane	8.206	56	5637	1.318	ug/l #	42
36) 1,1-Dichloropropene	8.212	75	17247	4.001	ug/l #	49
38) Carbon Tetrachloride	8.206	117	20258	4.760	ug/l #	14
49) 1,4-Dioxane	9.682	88	261	4.629	ug/l #	40
51) 4-Methyl-2-Pentanone	10.424	43	1537	0.277	ug/l #	38
59) 2-Hexanone	11.035	43	782	0.223	ug/l	70
76) 1,2,3-Trichloropropane	12.829	75	100025	26.135	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	100025	69.189	ug/l #	1
86) p-Isopropyltoluene	13.712	119	2373	0.208	ug/l #	63
88) 1,4-Dichlorobenzene	13.782	146	1550	0.243	ug/l #	1
89) n-Butylbenzene	14.041	91	2775	0.245	ug/l #	91
90) Hexachloroethane	14.312	117	439	0.202	ug/l	66
93) 1,2,4-Trichlorobenzene	15.376	180	1274	0.365	ug/l	88
94) Hexachlorobutadiene	15.470	225	794	0.638	ug/l	89
95) Naphthalene	15.623	128	5193	0.420	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.817	180	1463	0.429	ug/l	89

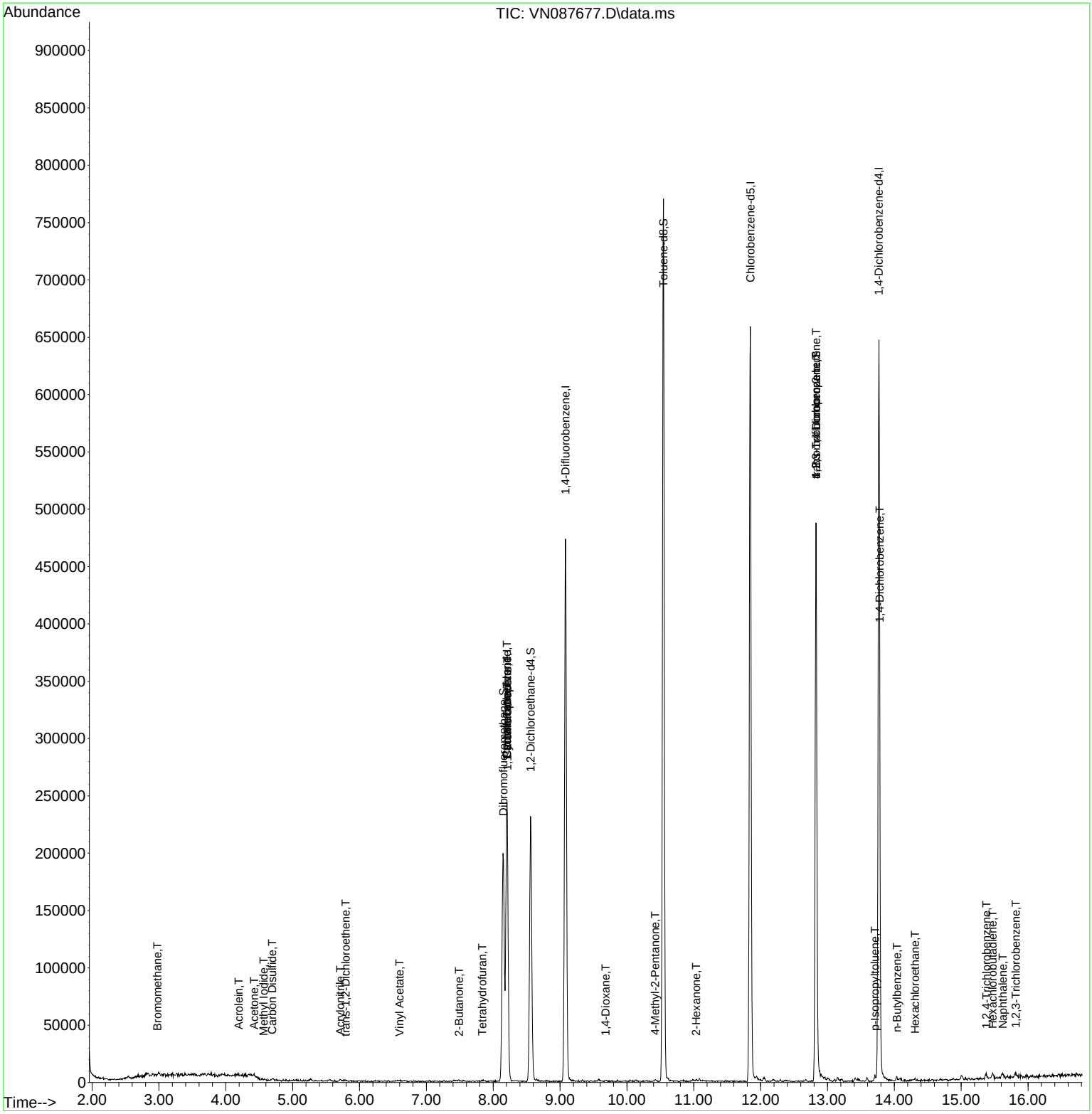
(#) = qualifier out of range (m) = manual integration (+) = signals summed

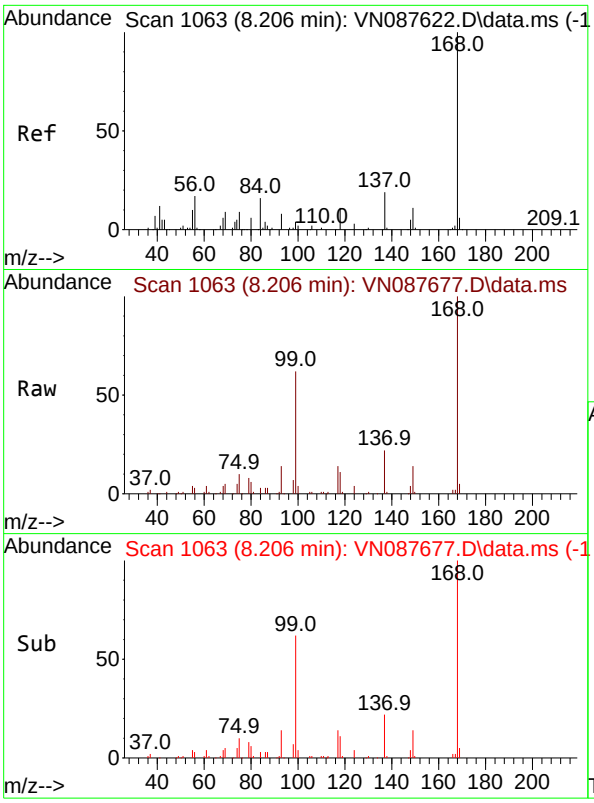
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087677.D
Acq On : 28 Aug 2025 12:09
Operator : JC\MD
Sample : VN0828MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Quant Time: Aug 29 03:15:13 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



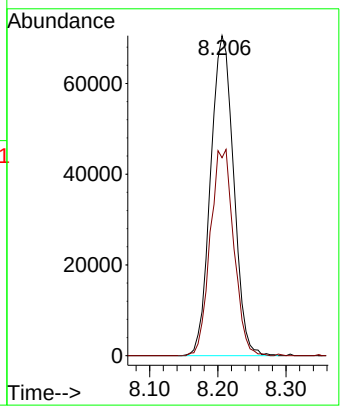


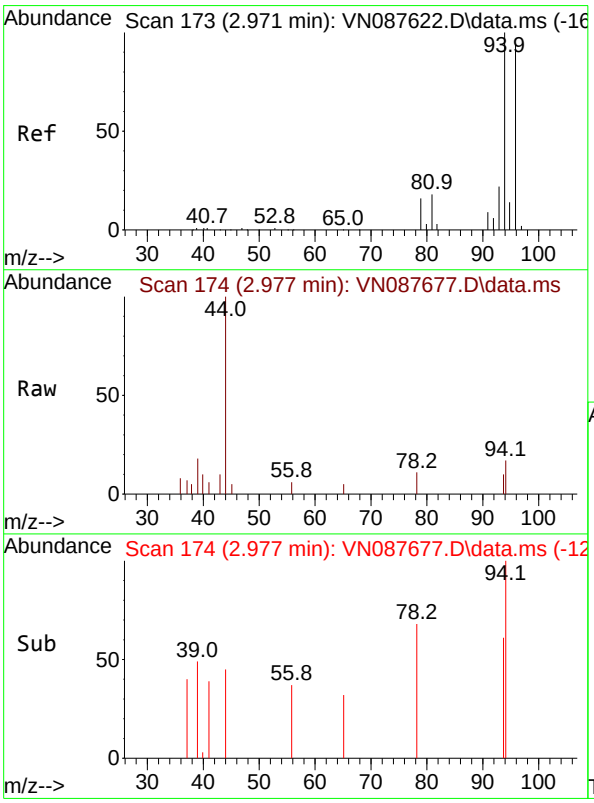
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:168 Resp: 165959

Ion	Ratio	Lower	Upper
168	100		
99	61.8	57.2	85.8

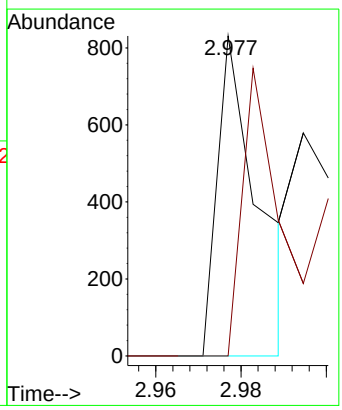


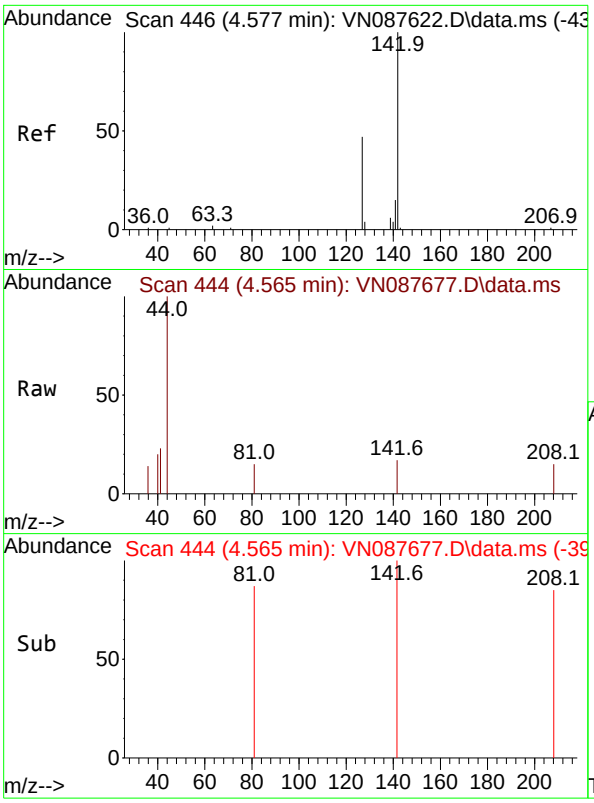


#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 94 Resp: 554

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



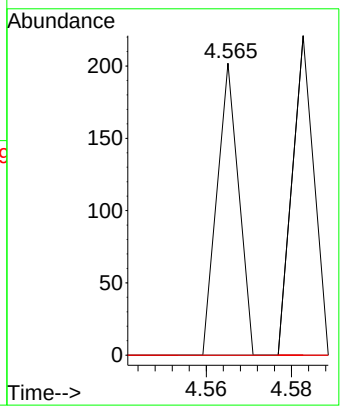


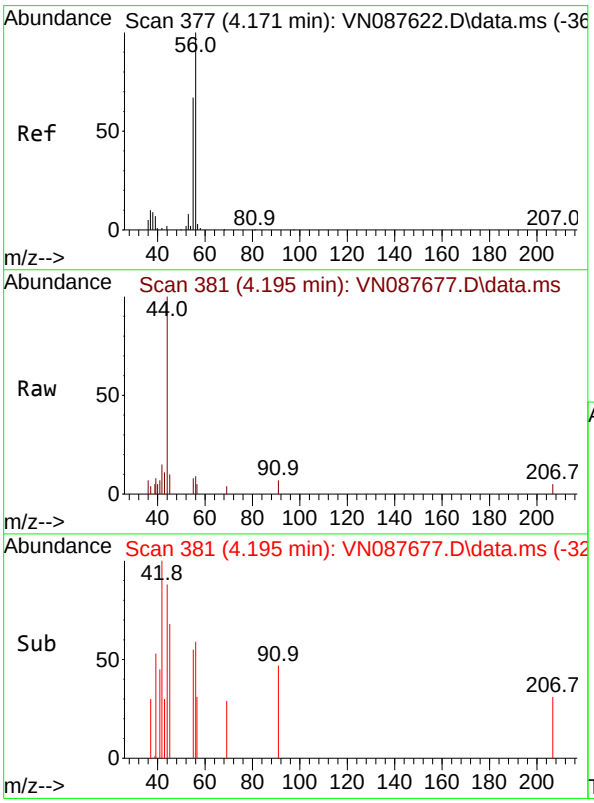
#10
Methyl Iodide
Concen: 6.846 ug/l
RT: 4.565 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:142 Resp: 71

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

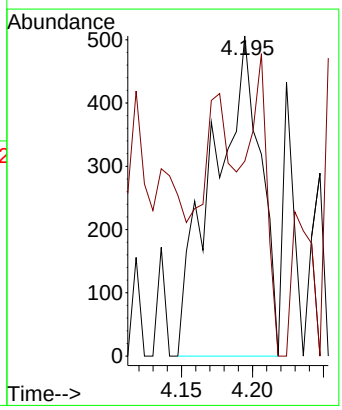


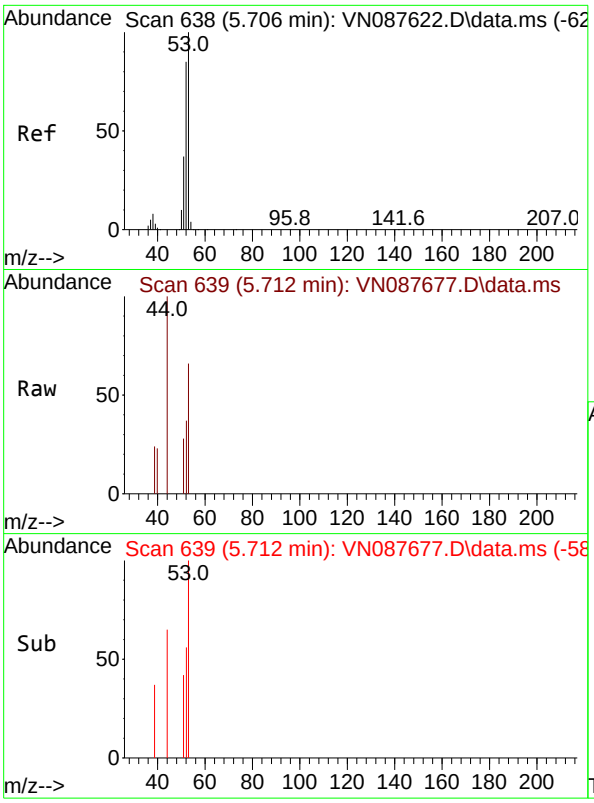


#13
Acrolein
Concen: 1.611 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.023 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 56 Resp: 1169

Ion	Ratio	Lower	Upper
56	100		
55	39.9	57.3	85.9#



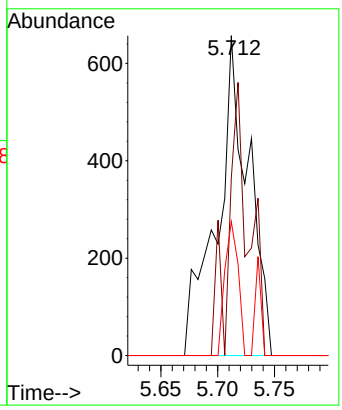


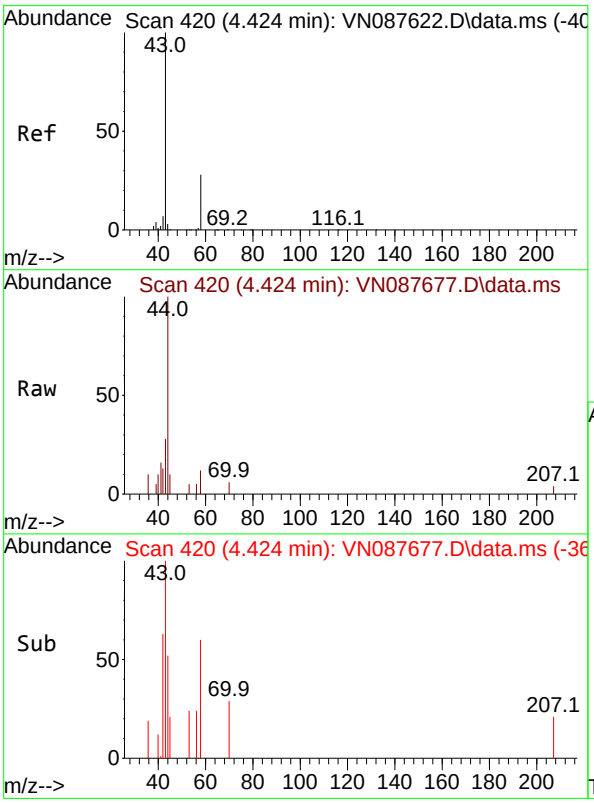
#15
Acrylonitrile
Concen: 0.766 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 53 Resp: 1275

Ion	Ratio	Lower	Upper
53	100		
52	54.0	67.6	101.4#
51	17.6	30.1	45.1#

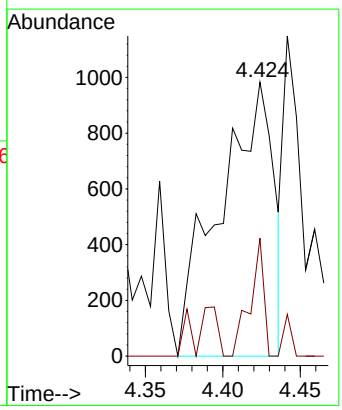


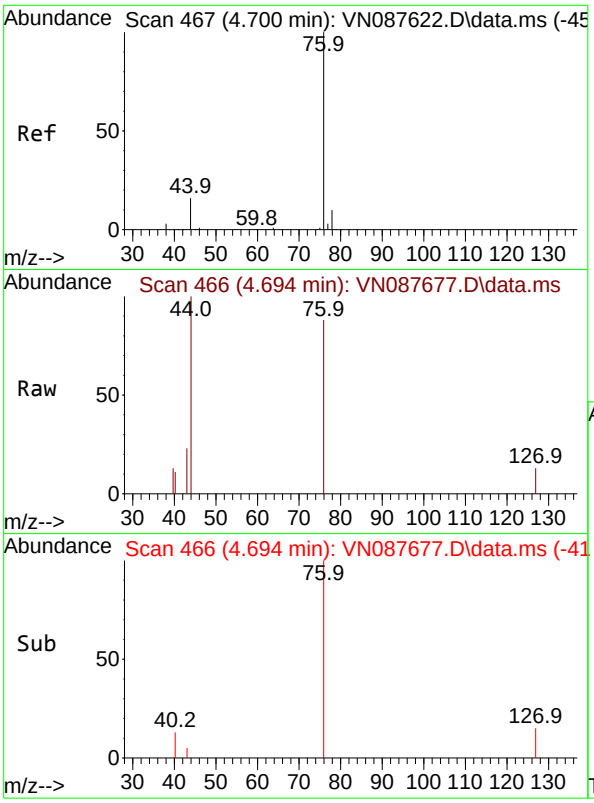


#16
Acetone
Concen: 1.284 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 43 Resp: 2377

Ion	Ratio	Lower	Upper
43	100		
58	43.0	22.6	33.8#



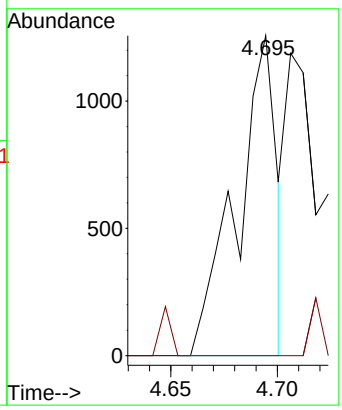


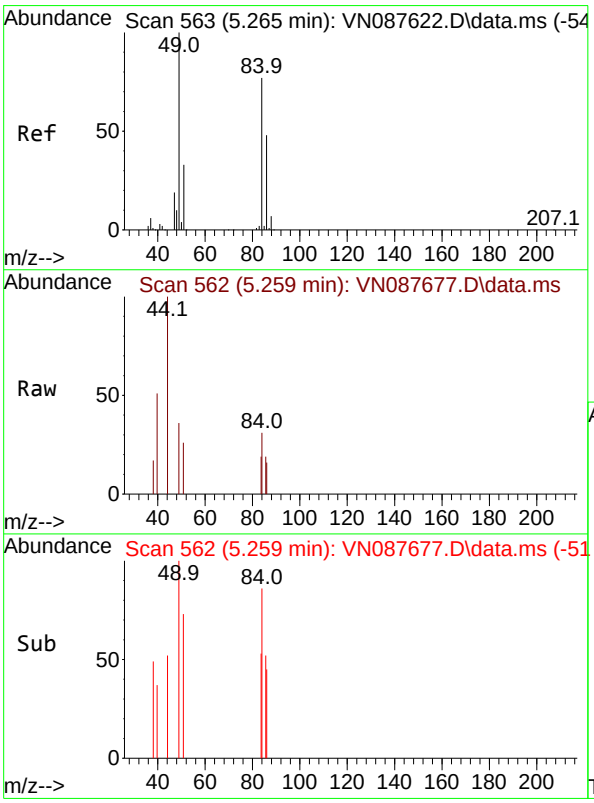
#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.694 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 76 Resp: 1613

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

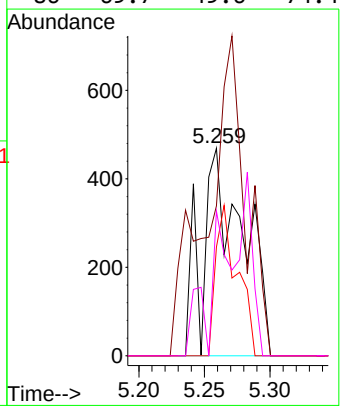


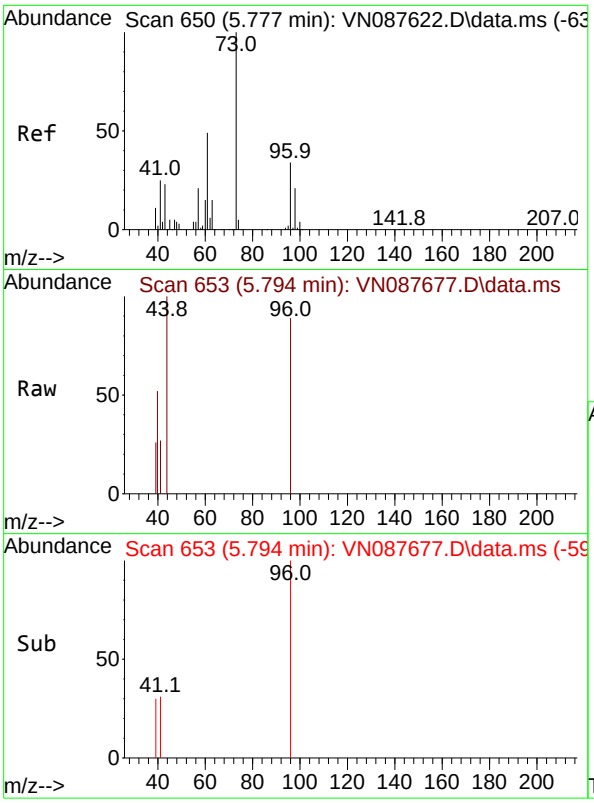


#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 84 Resp: 1019

Ion	Ratio	Lower	Upper
84	100		
49	72.3	103.4	155.2#
51	52.5	33.8	50.8#
86	69.7	49.6	74.4



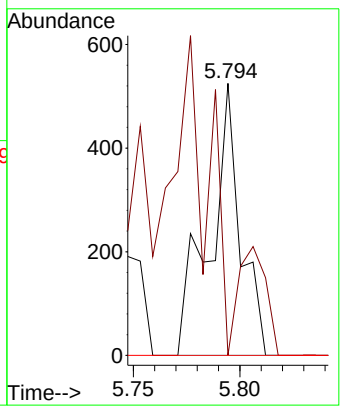


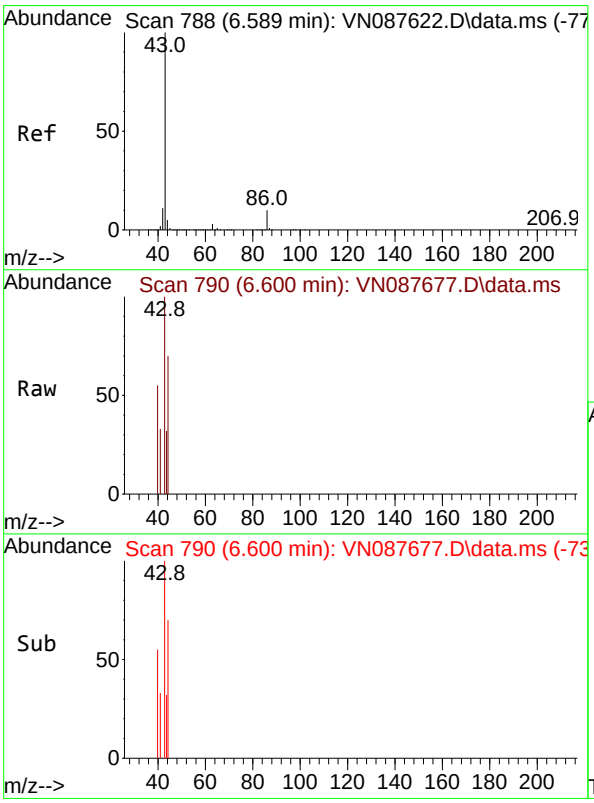
#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 5.794 min Scan# 6
Delta R.T. 0.018 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 96 Resp: 520

Ion	Ratio	Lower	Upper
96	100		
61	0.0	118.0	177.0#
98	0.0	50.0	75.0#

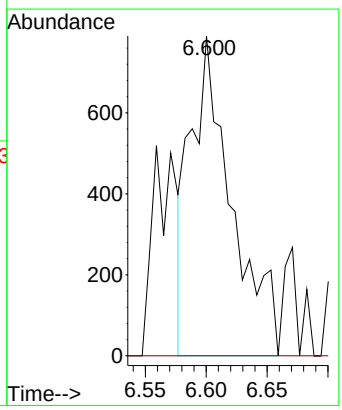


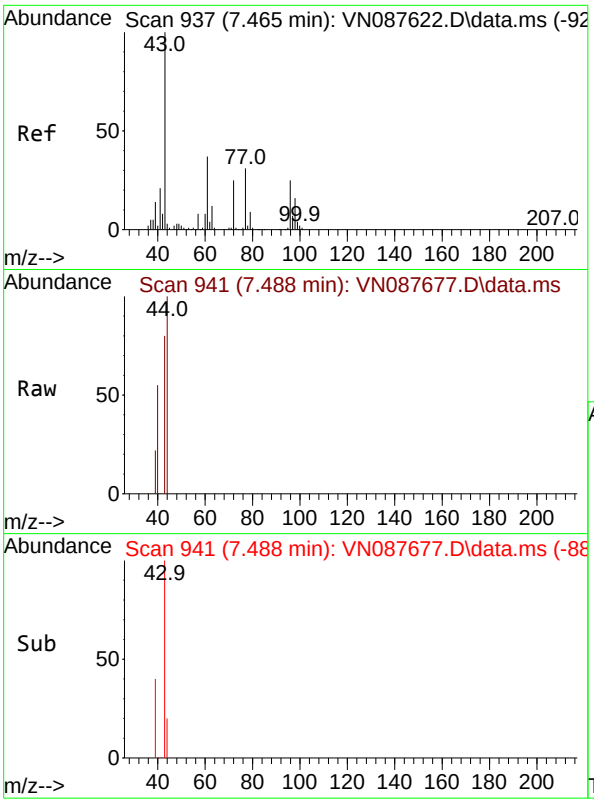


#23
Vinyl Acetate
Concen: 0.219 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 43 Resp: 1861

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#



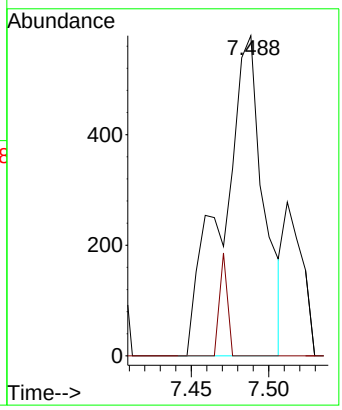


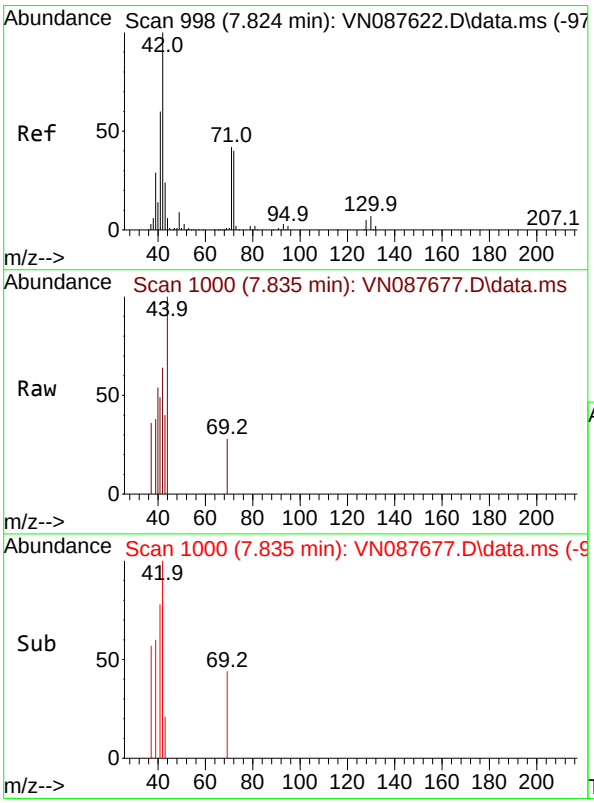
#25
2-Butanone
Concen: 0.436 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.023 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 43 Resp: 1062

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#

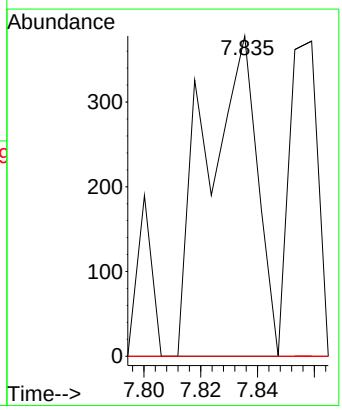


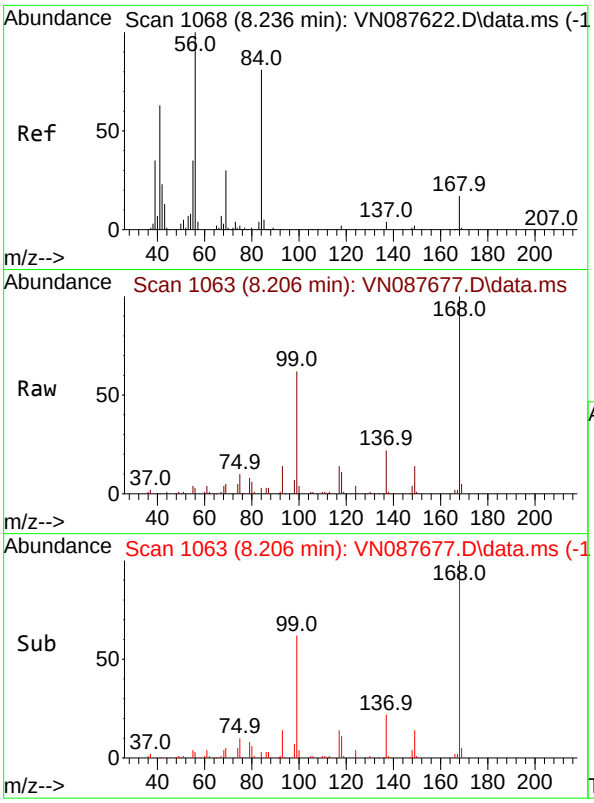


#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 42 Resp: 478

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	31.9	47.9#



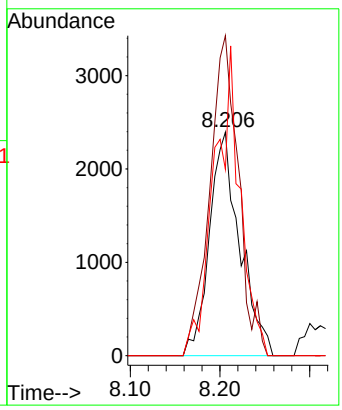


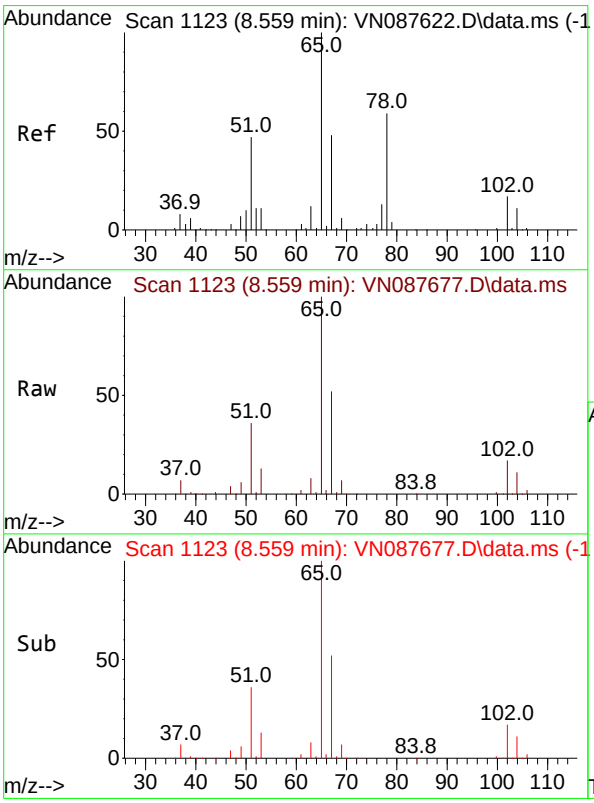
#31
Cyclohexane
Concen: 1.318 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 56 Resp: 5637

Ion	Ratio	Lower	Upper
56	100		
69	143.1	23.7	35.5#
84	83.4	64.7	97.1

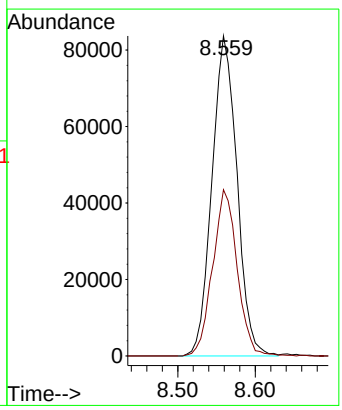


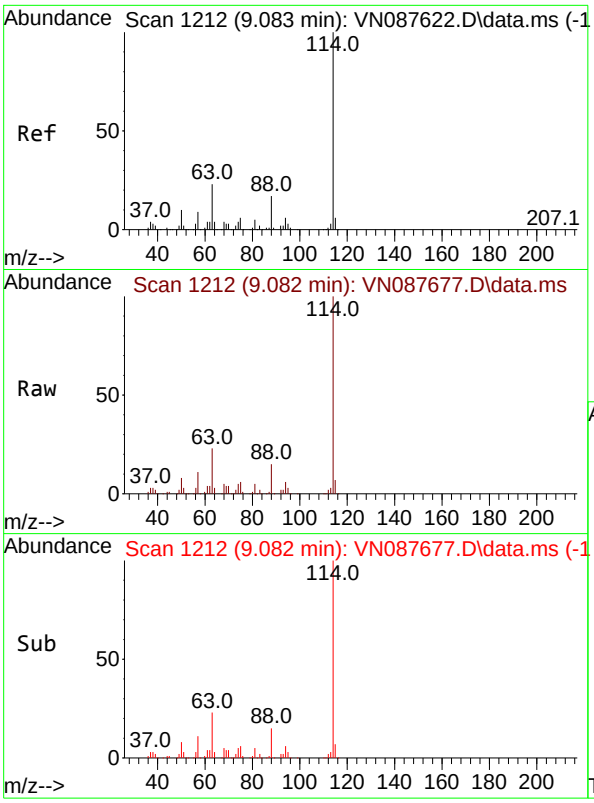


#33
1,2-Dichloroethane-d4
Concen: 55.211 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 65 Resp: 187733

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.0



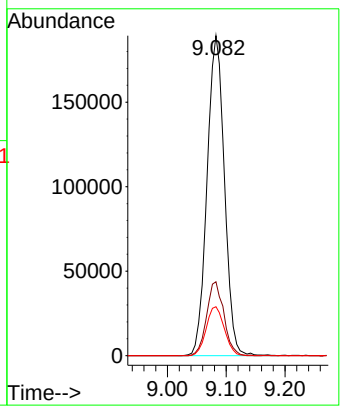


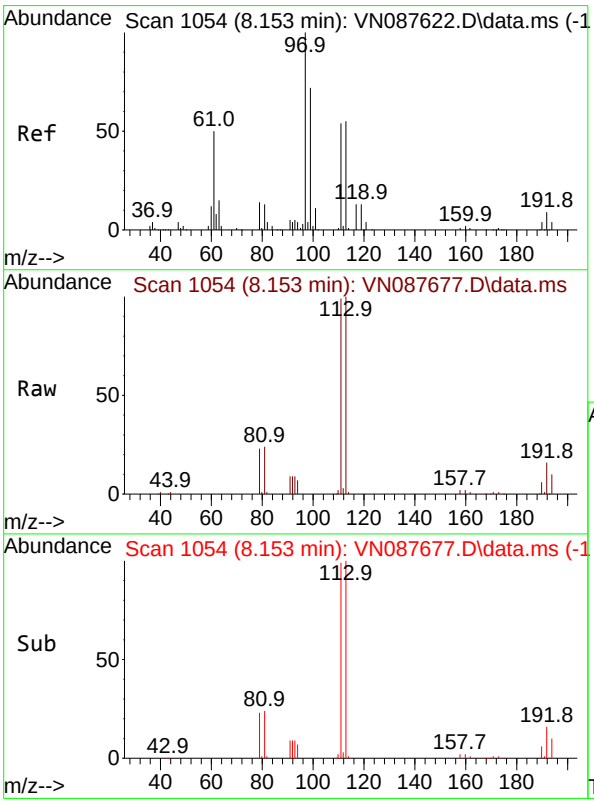
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:114 Resp: 389198

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	15.3	0.0	33.4

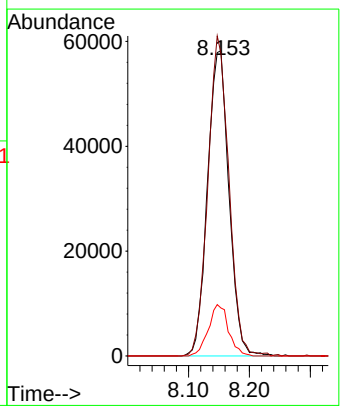


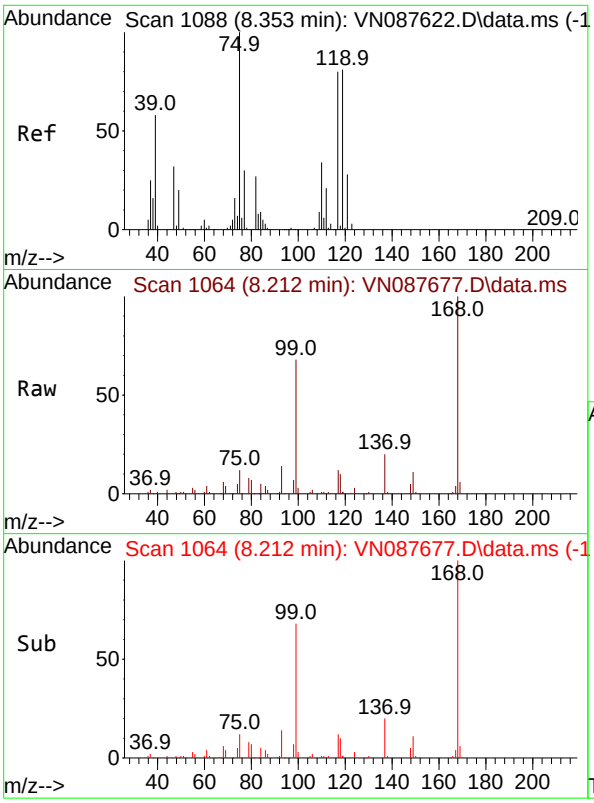


#35
Dibromofluoromethane
Concen: 50.654 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:113 Resp: 142337

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	15.9	12.8	19.2



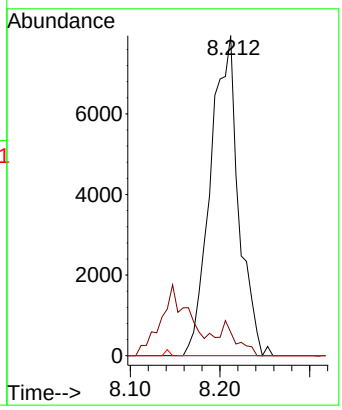


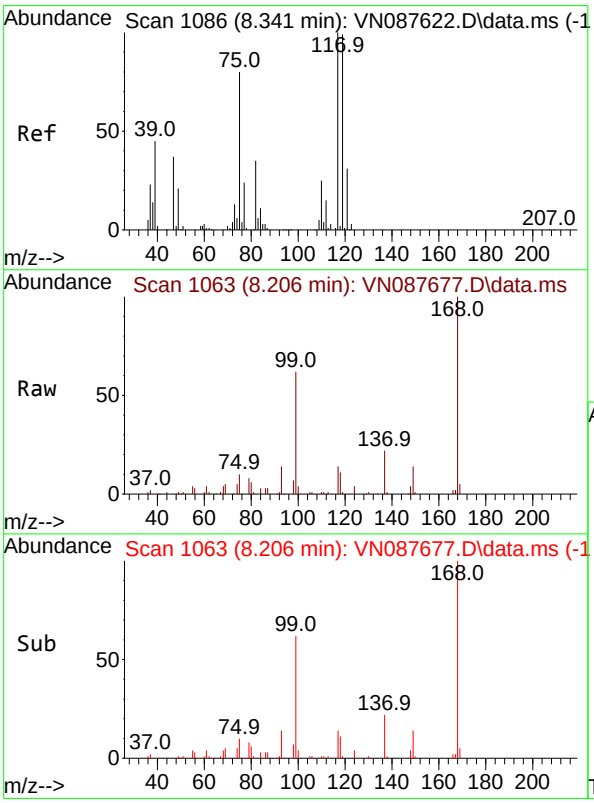
#36
1,1-Dichloropropene
Concen: 4.001 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 75 Resp: 17247

Ion	Ratio	Lower	Upper
75	100		
110	6.1	15.9	47.6#
77	0.0	24.4	36.6#

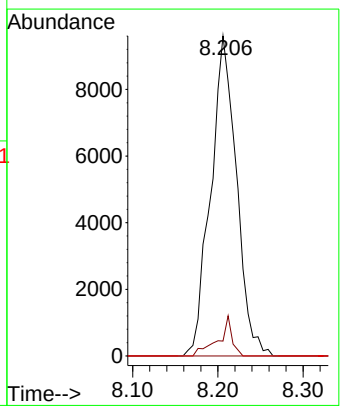


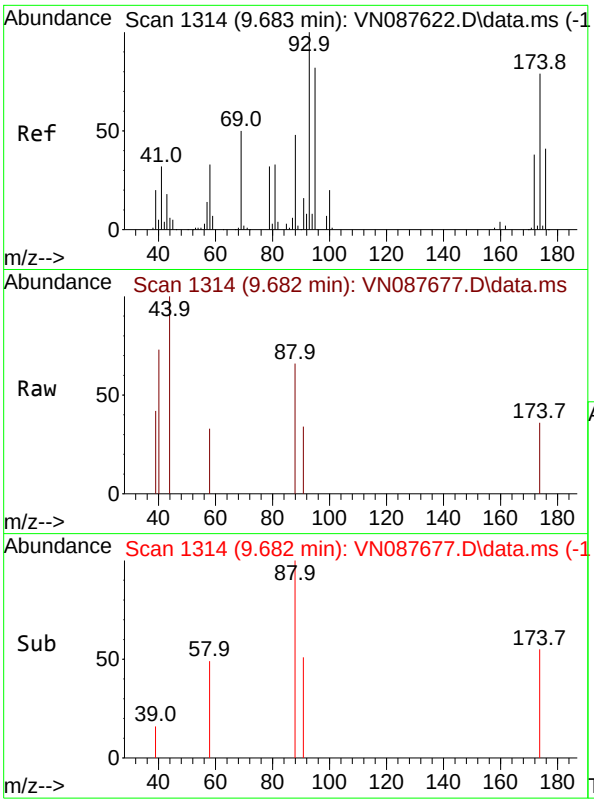


#38
Carbon Tetrachloride
Concen: 4.760 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:117 Resp: 20258

Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.0	118.6#
121	0.0	25.0	37.6#



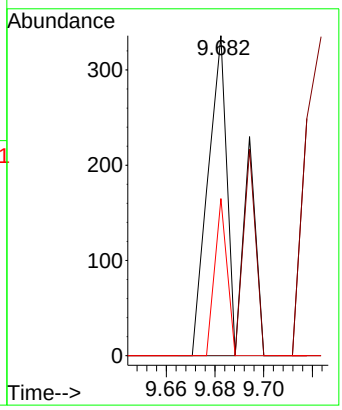


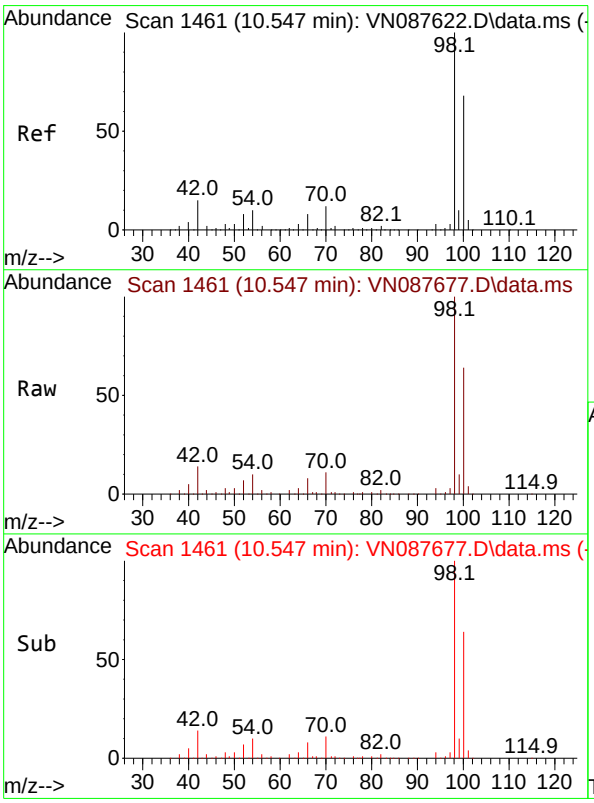
#49
1,4-Dioxane
Concen: 4.629 ug/l
RT: 9.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 88 Resp: 261

Ion	Ratio	Lower	Upper
88	100		
43	29.5	0.0	0.0#
58	22.2	57.9	86.9#

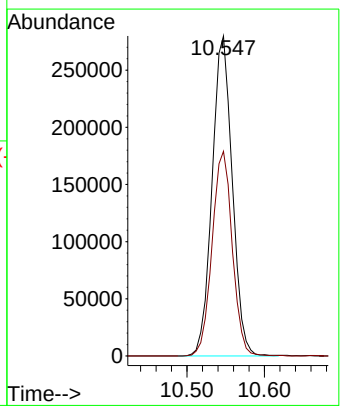


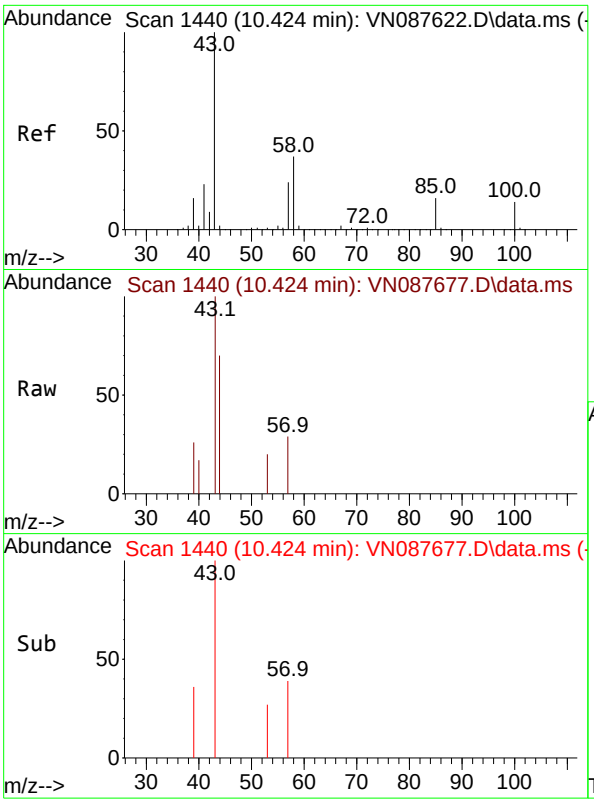


#50
Toluene-d8
Concen: 48.076 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 98 Resp: 505630

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2



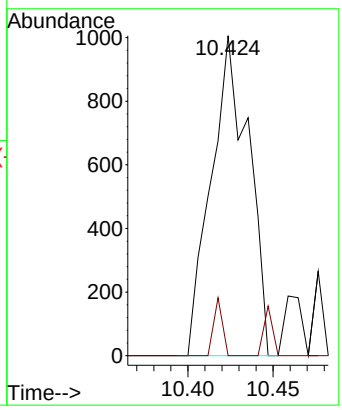


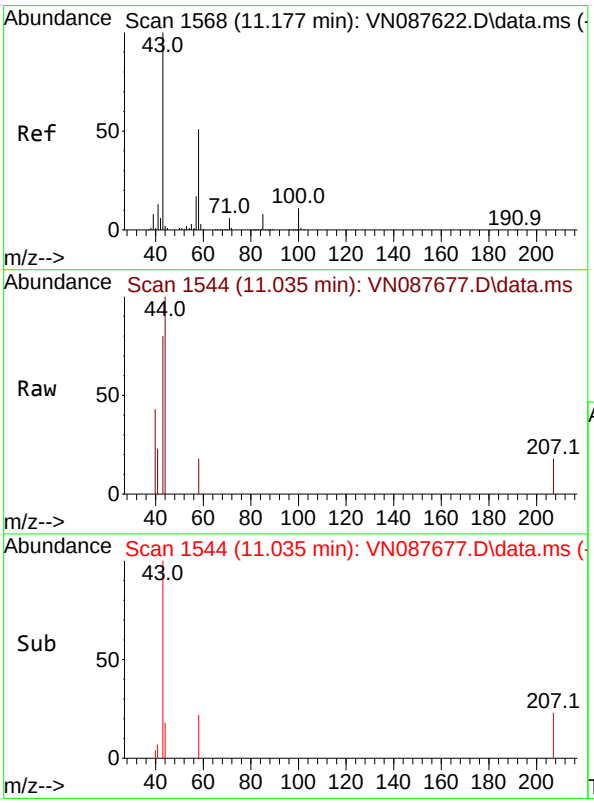
#51
4-Methyl-2-Pentanone
Concen: 0.277 ug/l
RT: 10.424 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 43 Resp: 1537

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.6	44.4#

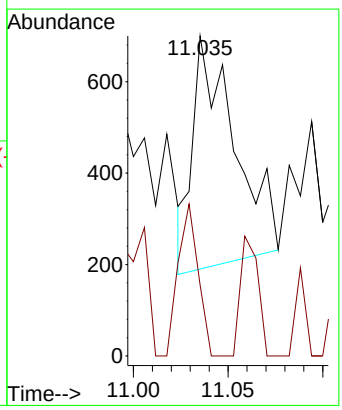


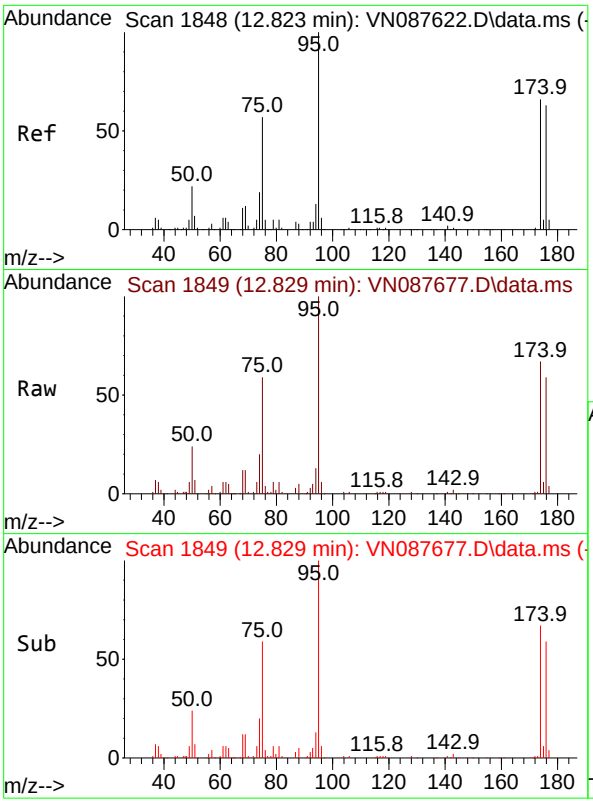


#59
2-Hexanone
Concen: 0.223 ug/l
RT: 11.035 min Scan# 1544
Delta R.T. -0.141 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 43 Resp: 782

Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.9	77.8



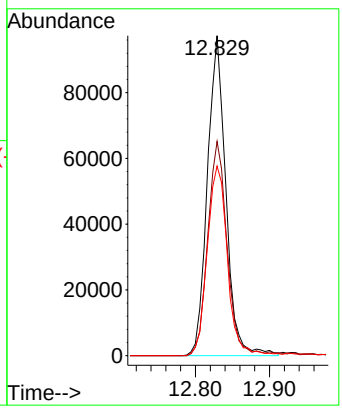


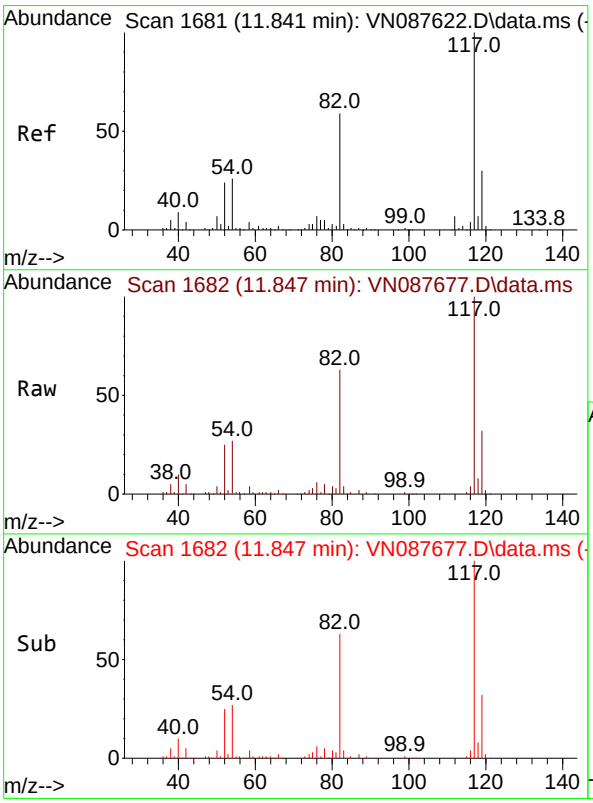
#62
4-Bromofluorobenzene
Concen: 45.116 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 95 Resp: 168747

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	138.4
176	64.8	0.0	132.6

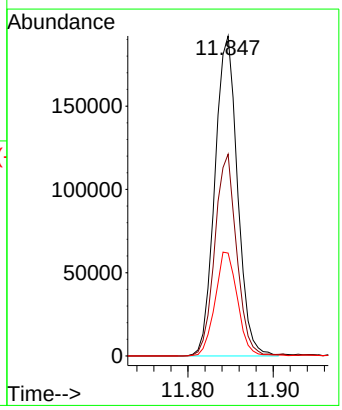


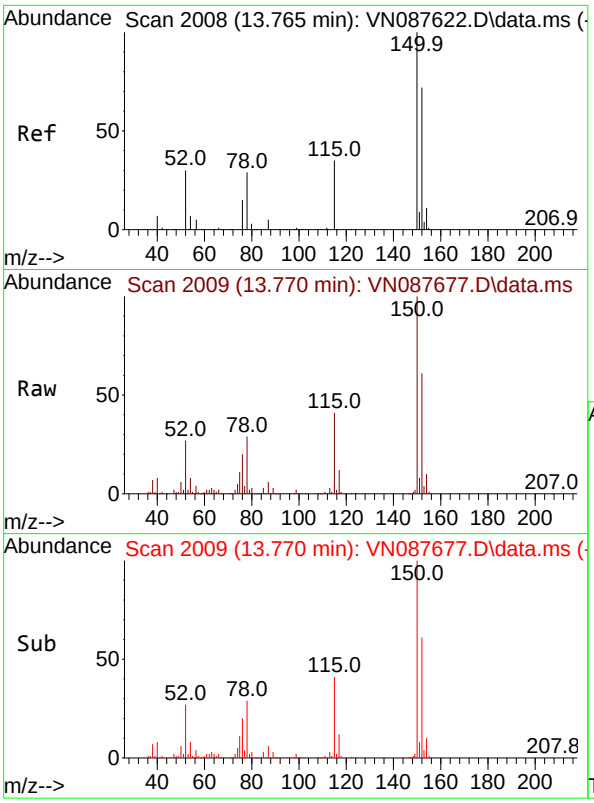


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:117 Resp: 354647

Ion	Ratio	Lower	Upper
117	100		
82	63.1	47.4	71.2
119	32.2	24.3	36.5



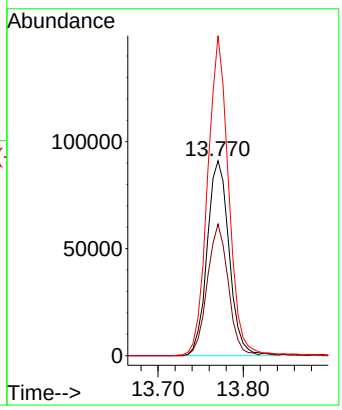


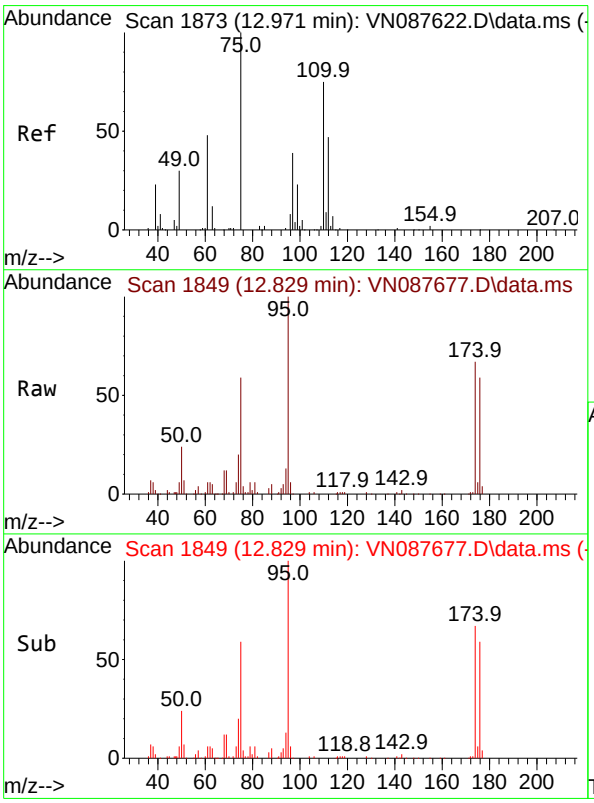
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:152 Resp: 163207

Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.3	96.8
150	157.6	0.0	351.0

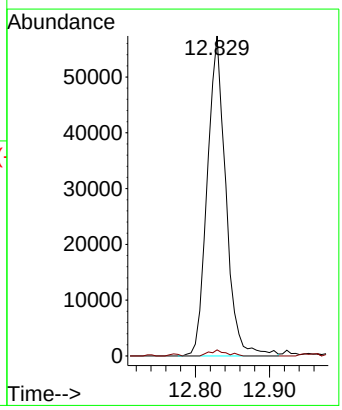


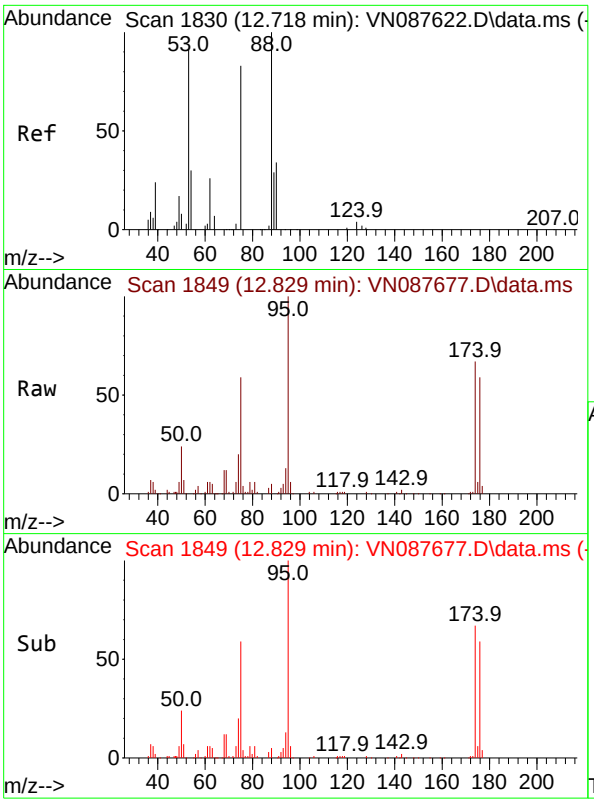


#76
1,2,3-Trichloropropane
Concen: 26.135 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 75 Resp: 100025

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#



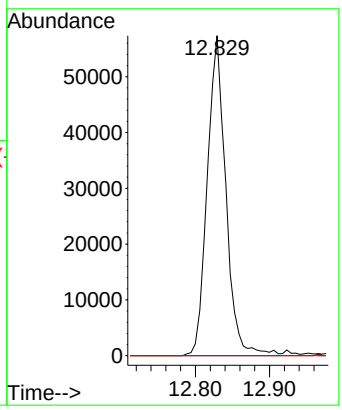


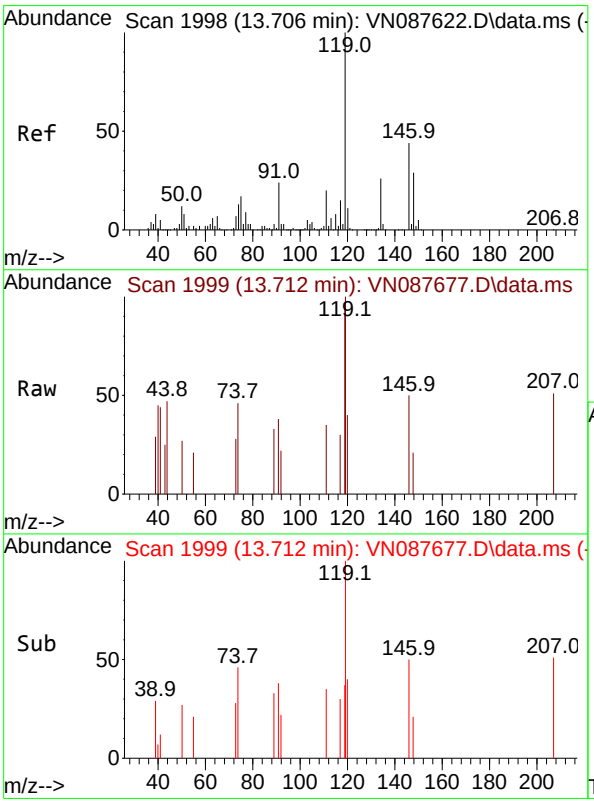
#81
trans-1,4-Dichloro-2-butene
Concen: 69.189 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion: 75 Resp: 100025

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

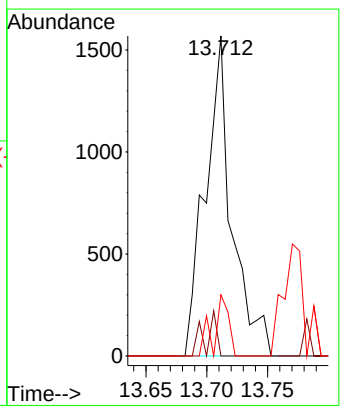


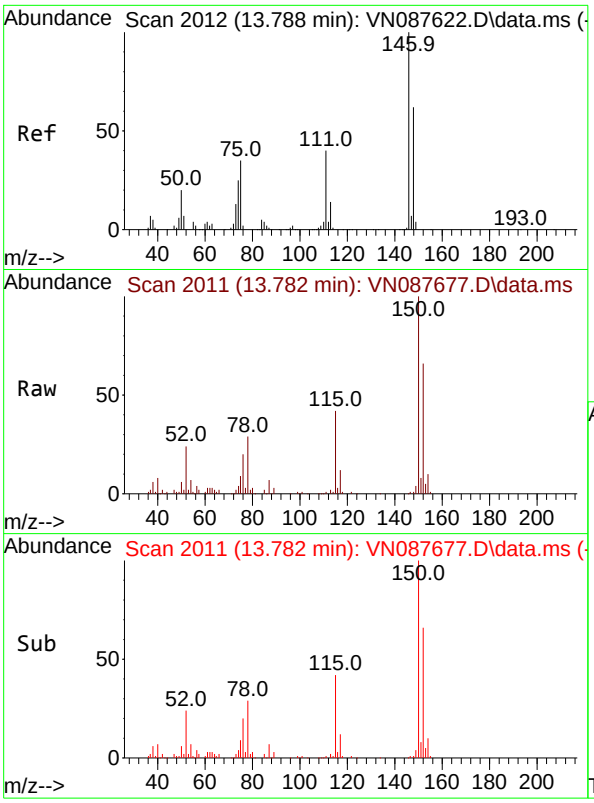


#86
p-Isopropyltoluene
Concen: 0.208 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:119 Resp: 2373

Ion	Ratio	Lower	Upper
119	100		
134	2.5	12.7	38.0#
91	10.6	12.5	37.5#



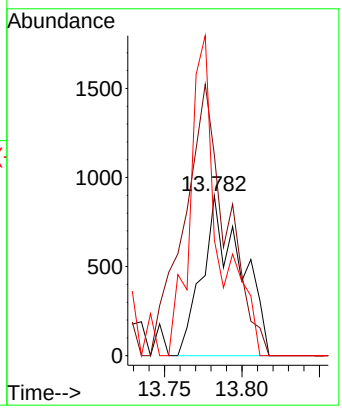


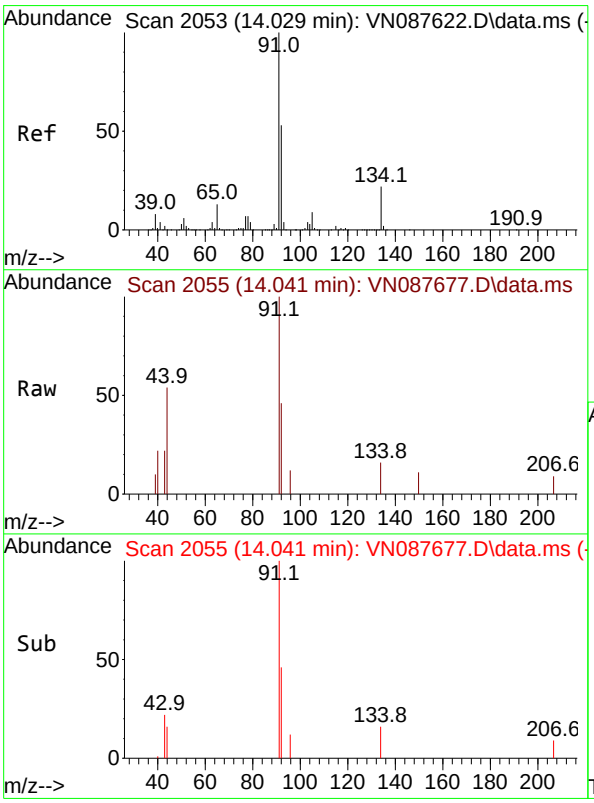
#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 13.782 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:146 Resp: 1550

Ion	Ratio	Lower	Upper
146	100		
111	187.0	21.0	63.0#
148	149.3	32.0	96.0#

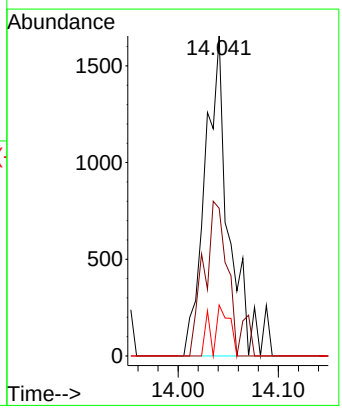


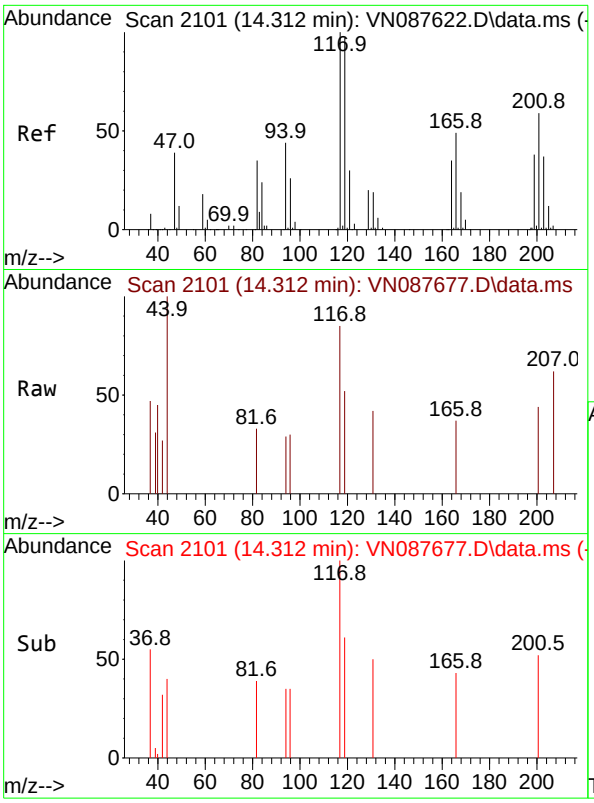


#89
n-Butylbenzene
Concen: 0.245 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 91 Resp: 2775

Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.9	77.8
134	11.3	11.7	35.0#



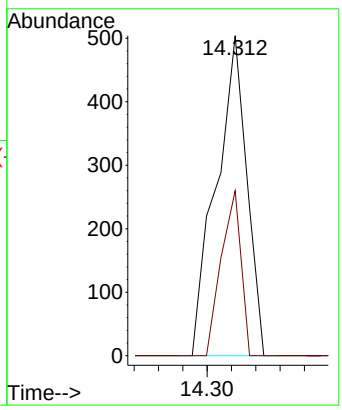


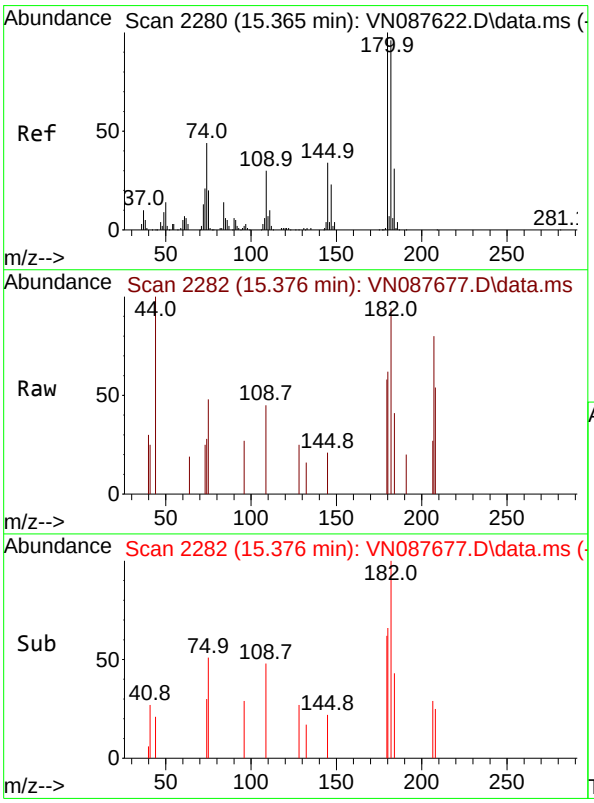
#90
Hexachloroethane
Concen: 0.202 ug/l
RT: 14.312 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:117 Resp: 439

Ion	Ratio	Lower	Upper
117	100		
201	33.3	29.1	87.4

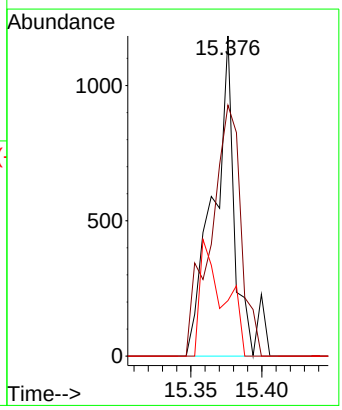


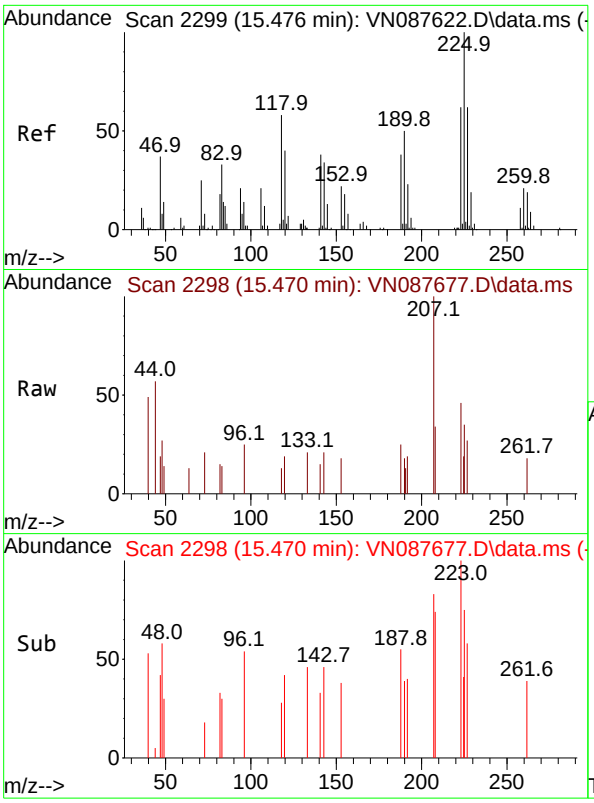


#93
1,2,4-Trichlorobenzene
Concen: 0.365 ug/l
RT: 15.376 min Scan# 2282
Delta R.T. 0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:180 Resp: 1274

Ion	Ratio	Lower	Upper
180	100		
182	107.7	47.6	142.9
145	39.0	16.5	49.5



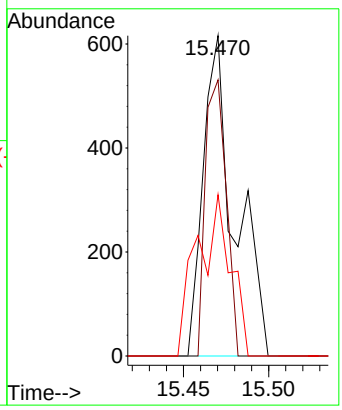


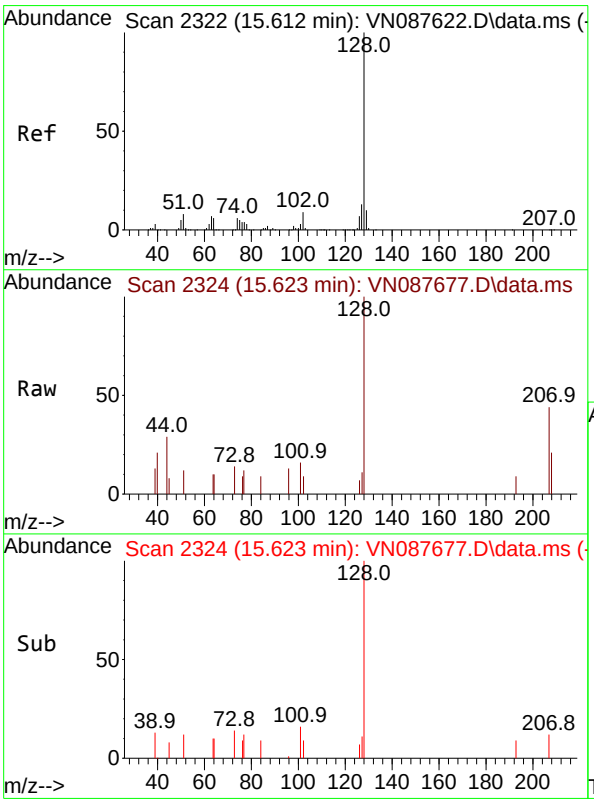
#94
Hexachlorobutadiene
Concen: 0.638 ug/l
RT: 15.470 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:225 Resp: 794

Ion	Ratio	Lower	Upper
225	100		
223	56.9	32.0	96.2
227	53.5	32.1	96.5

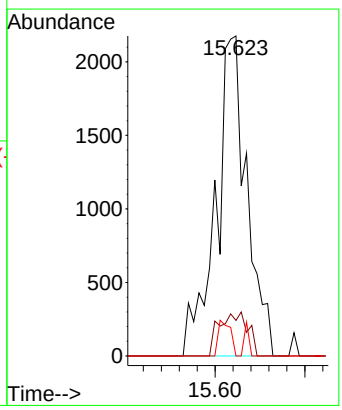


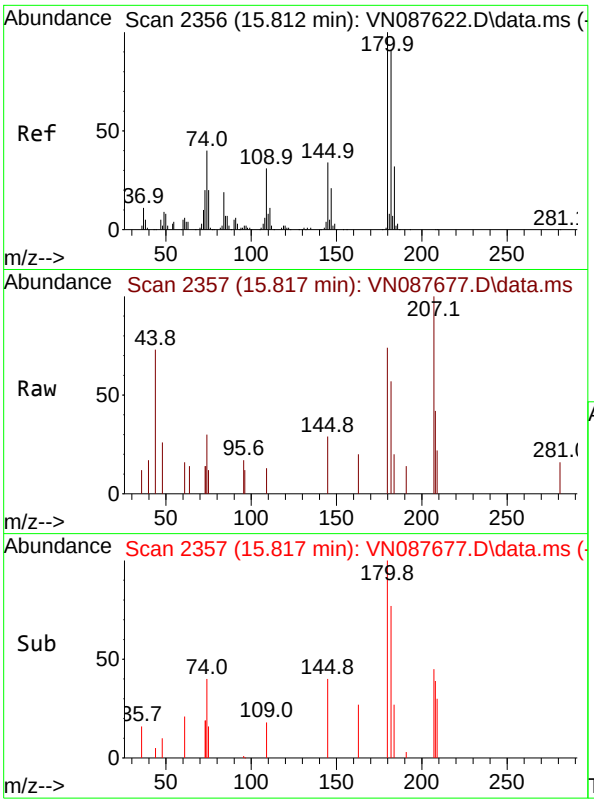


#95
Naphthalene
Concen: 0.420 ug/l
RT: 15.623 min Scan# 2324
Delta R.T. 0.012 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:128 Resp: 5193

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	15.8
129	1.6	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.429 ug/l
RT: 15.817 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:180 Resp: 1463

Ion	Ratio	Lower	Upper
180	100		
182	103.8	46.8	140.3
145	41.7	17.3	52.0