Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086711.D
Acq On : 20 May 2025 12:27
Operator : JC\MD
Sample : PB168068TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Quant Time: May 21 01:43:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	163975	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	323576	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	316147	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131784	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.571	65	120727	53.281	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%				
35) Dibromofluoromethane	8.165	113	99532	51.650	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%				
50) Toluene-d8	10.565	98	423448	53.026	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%				
62) 4-Bromofluorobenzene	12.847	95	150478	53.366	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.740%				
Target Compounds							Qvalue
3) Chloromethane	2.365	50	1202	0.449	ug/l		89
5) Bromomethane	2.977	94	602	0.434	ug/l		92
10) Methyl Iodide	4.589	142	603	0.282	ug/l	#	43
16) Acetone	4.430	43	23655	27.909	ug/l		97
17) Carbon Disulfide	4.712	76	1593	0.315	ug/l	#	75
18) Methyl Acetate	5.030	43	3265	1.376	ug/l	#	77
20) Methylene Chloride	5.271	84	5427	2.426	ug/l	#	85
25) 2-Butanone	7.483	43	2352	1.796	ug/l	#	83
29) Tetrahydrofuran	7.836	42	674	0.788	ug/l	#	37
31) Cyclohexane	8.224	56	3543	1.042	ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	13282	4.673	ug/l	#	49
37) Ethyl Acetate	7.553	43	650	0.226	ug/l	#	67
38) Carbon Tetrachloride	8.224	117	16359	5.841	ug/l	#	15
41) Methacrylonitrile	7.859	41	438	0.283	ug/l	#	26
43) Isopropyl Acetate	8.688	43	26288	4.567	ug/l	#	85
45) 1,2-Dichloropropane	9.741	63	918	0.417	ug/l	#	42
48) Methyl methacrylate	9.735	41	66780	29.940	ug/l	#	36
51) 4-Methyl-2-Pentanone	10.471	43	3785	1.304	ug/l	#	33
54) cis-1,3-Dichloropropene	10.353	75	33714	9.525	ug/l	#	59
57) 1,3-Dichloropropane	11.200	76	2867	0.774	ug/l	#	42
59) 2-Hexanone	11.200	43	54942	25.919	ug/l	#	41
74) N-amyl acetate	12.453	43	2812	0.661	ug/l	#	39
76) 1,2,3-Trichloropropane	12.847	75	74048	24.845	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74048	62.700	ug/l	#	15
87) 1,3-Dichlorobenzene	13.735	146	1105	0.249	ug/l		82
88) 1,4-Dichlorobenzene	13.735	146	1105	0.252	ug/l		82
89) n-Butylbenzene	14.053	91	2405	0.371	ug/l		94
91) 1,2-Dichlorobenzene	14.100	146	871	0.207	ug/l		85
93) 1,2,4-Trichlorobenzene	15.388	180	1089	0.612	ug/l		93
94) Hexachlorobutadiene	15.500	225	359	0.486	ug/l		81
95) Naphthalene	15.635	128	5870	0.950	ug/l	#	93
96) 1,2,3-Trichlorobenzene	15.841	180	1392	0.799	ug/l		88

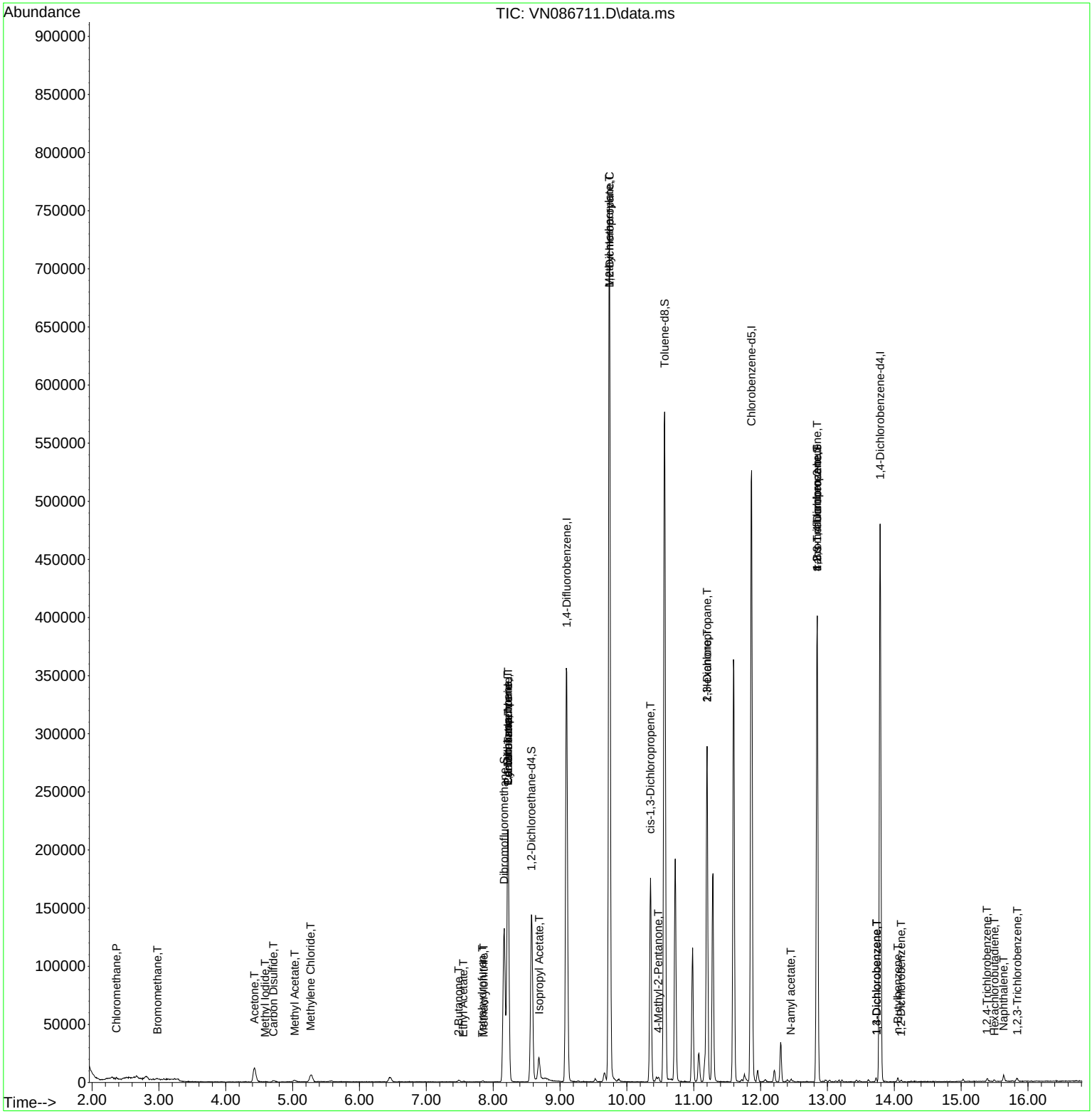
(#) = qualifier out of range (m) = manual integration (+) = signals summed

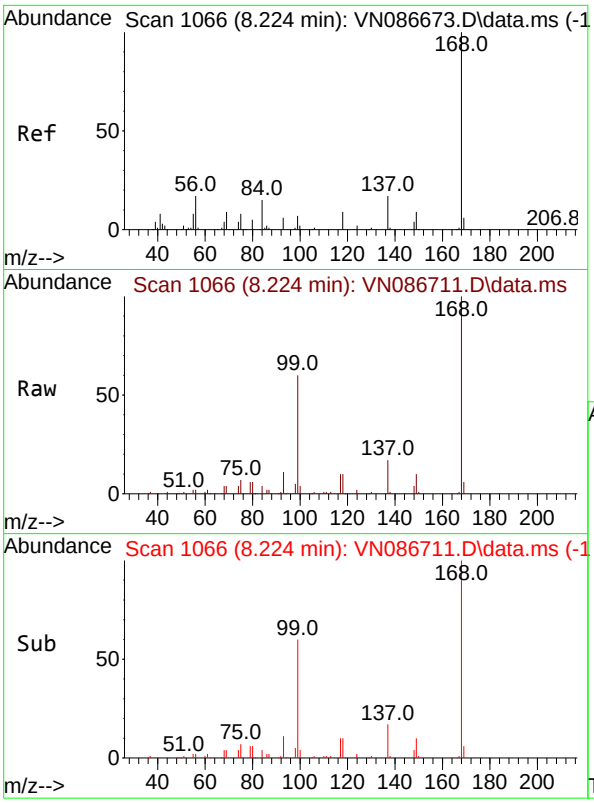
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086711.D
Acq On : 20 May 2025 12:27
Operator : JC\MD
Sample : PB168068TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Quant Time: May 21 01:43:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration



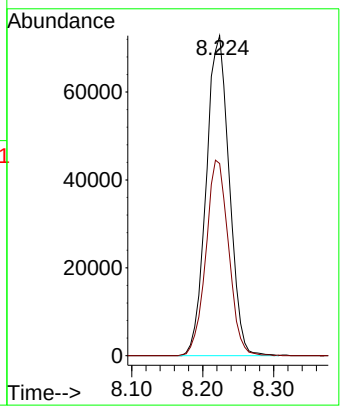


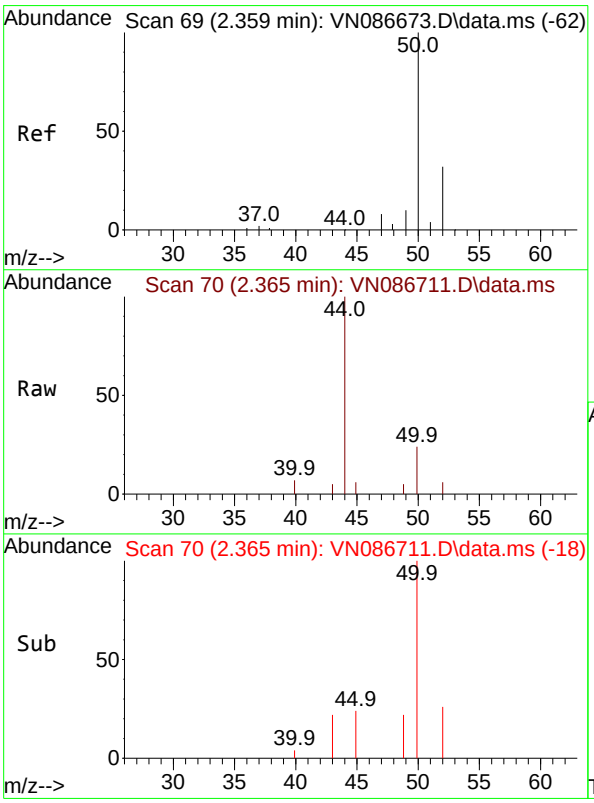
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:168 Resp: 163975

Ion	Ratio	Lower	Upper
168	100		
99	60.0	47.0	70.4

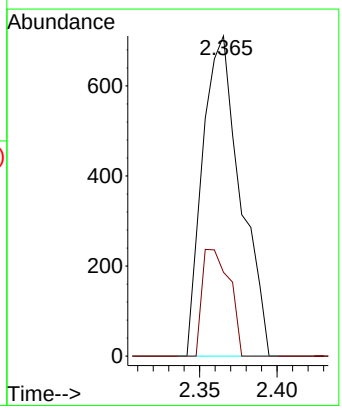


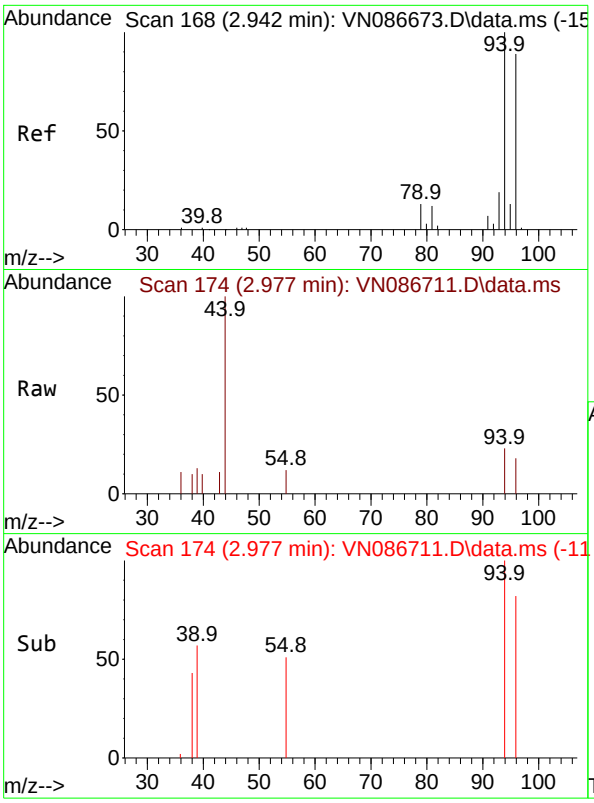


#3
Chloromethane
Concen: 0.449 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 50 Resp: 1202

Ion	Ratio	Lower	Upper
50	100		
52	26.2	25.9	38.9



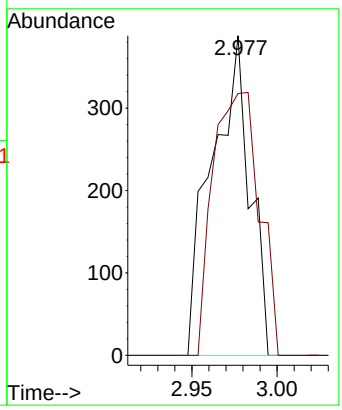


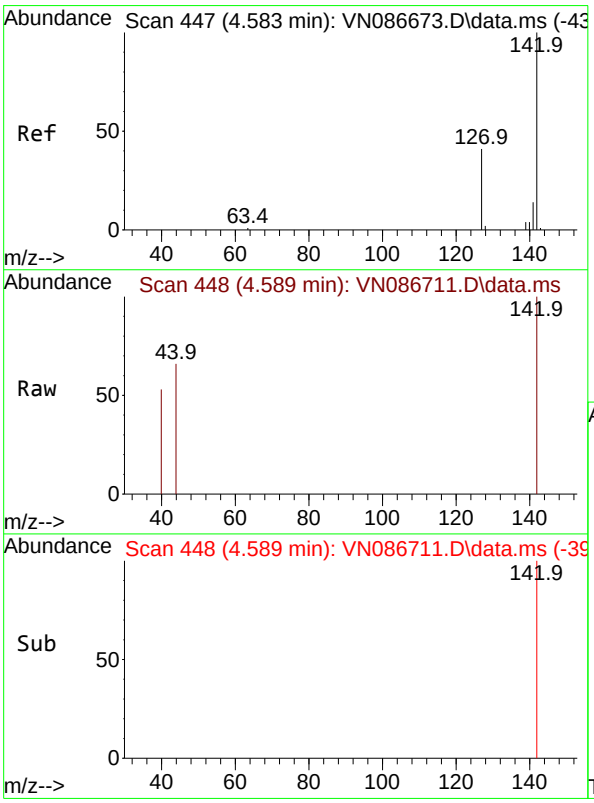
#5
Bromomethane
Concen: 0.434 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 94 Resp: 602

Ion	Ratio	Lower	Upper
94	100		
96	82.0	71.2	106.8

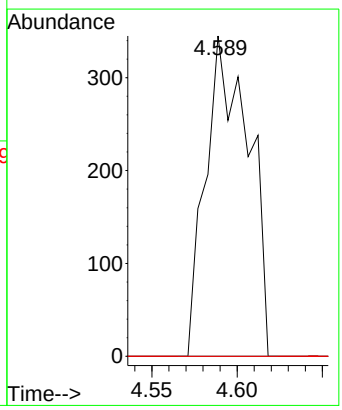


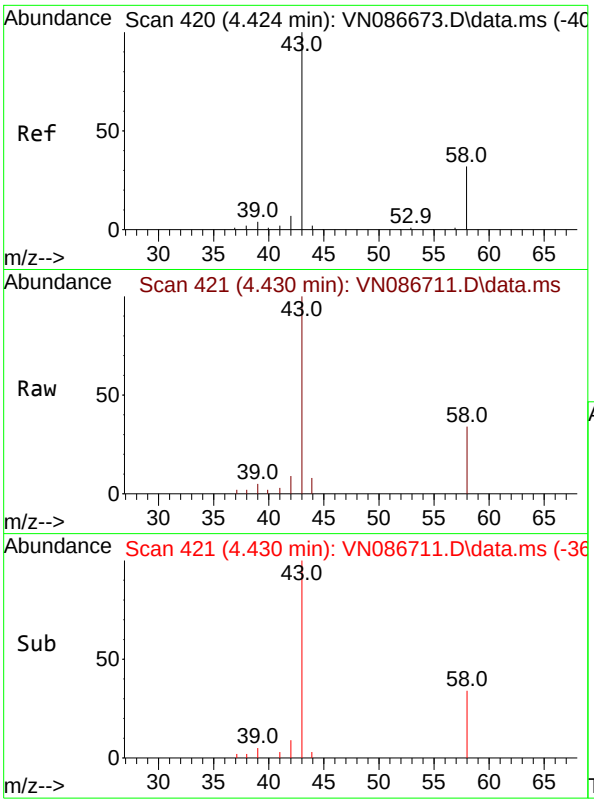


#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:142 Resp: 603

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.4	48.6#
141	0.0	11.4	17.2#



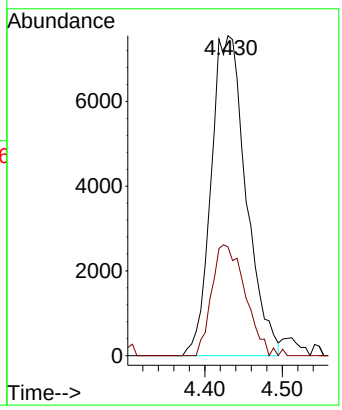


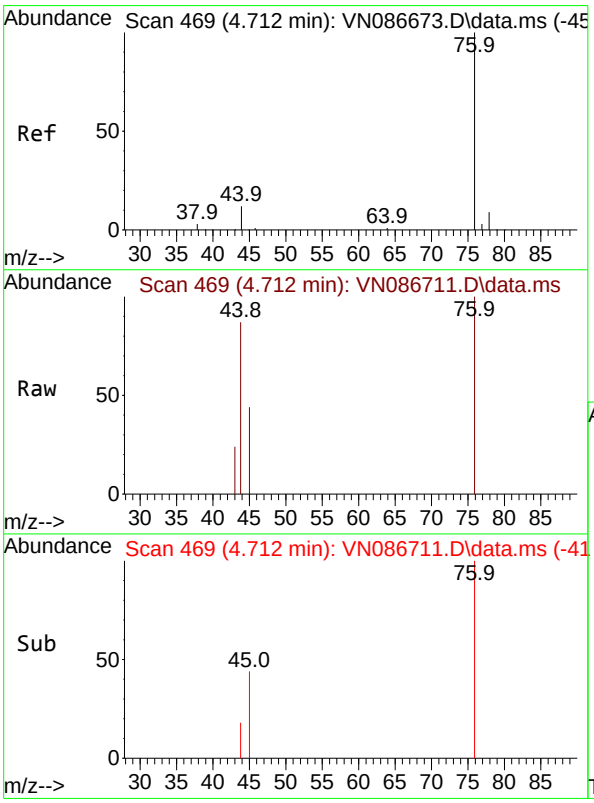
#16
Acetone
Concen: 27.909 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 43 Resp: 23655

Ion	Ratio	Lower	Upper
43	100		
58	34.0	25.8	38.6

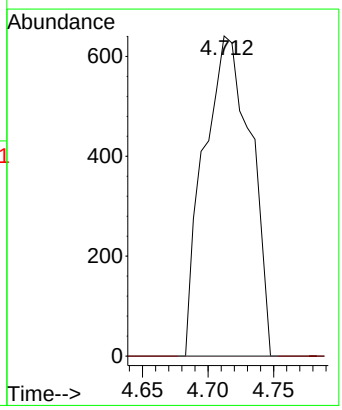


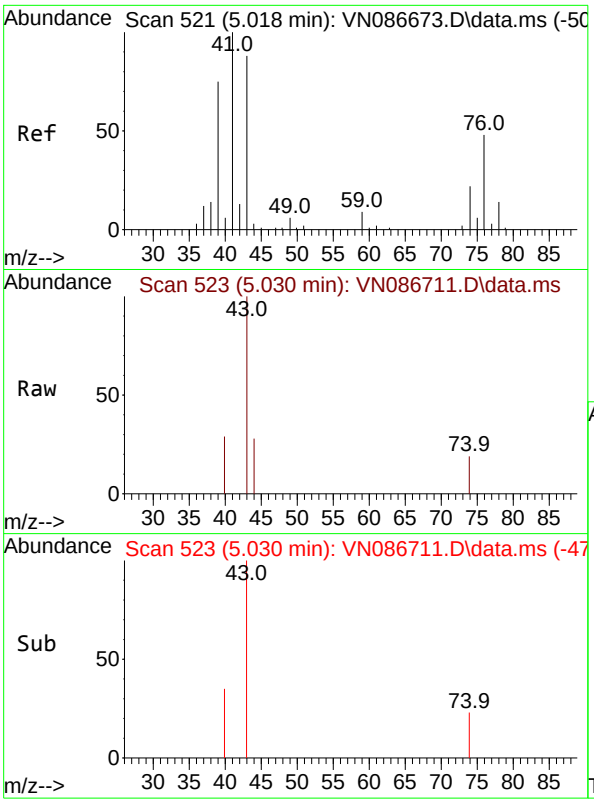


#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 76 Resp: 1593

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



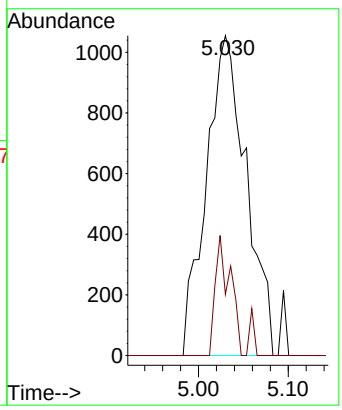


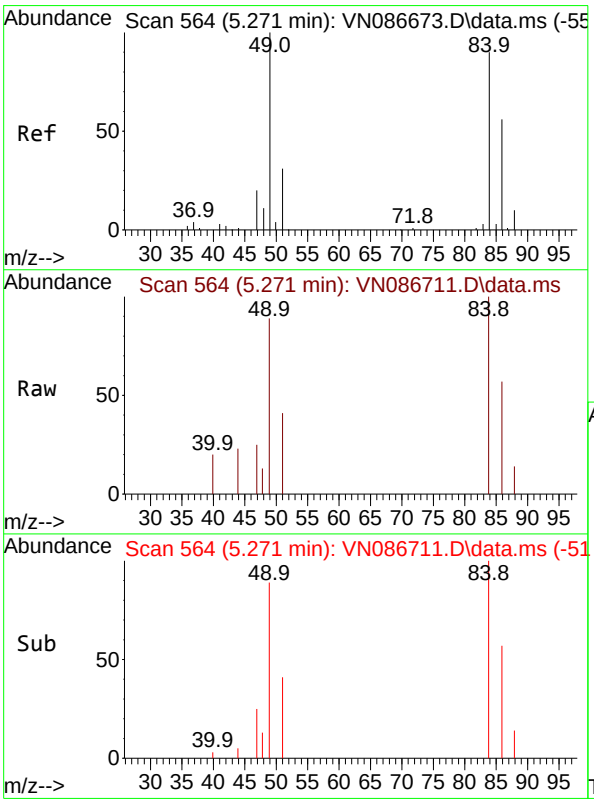
#18
Methyl Acetate
Concen: 1.376 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 43 Resp: 3265

Ion	Ratio	Lower	Upper
43	100		
74	14.1	20.5	30.7#

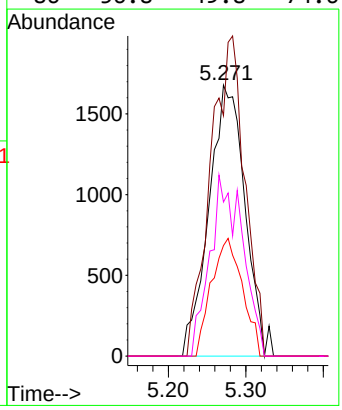


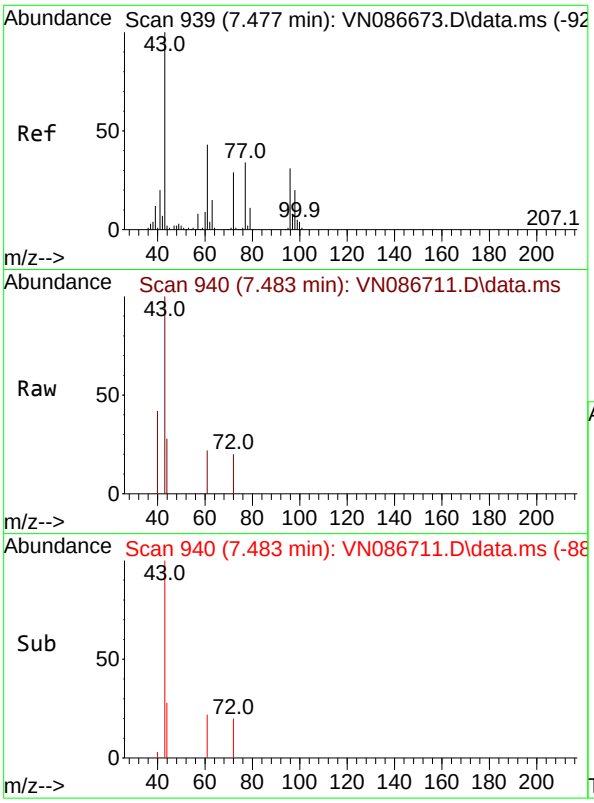


#20
Methylene Chloride
Concen: 2.426 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 84 Resp: 5427

Ion	Ratio	Lower	Upper
84	100		
49	88.7	88.8	133.2#
51	40.7	27.8	41.6
86	56.8	49.8	74.6



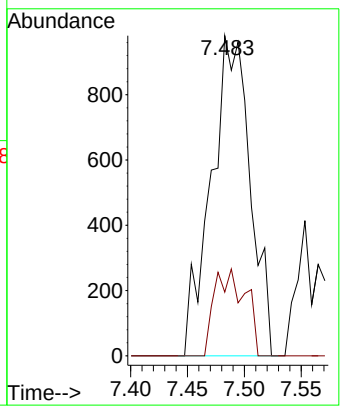


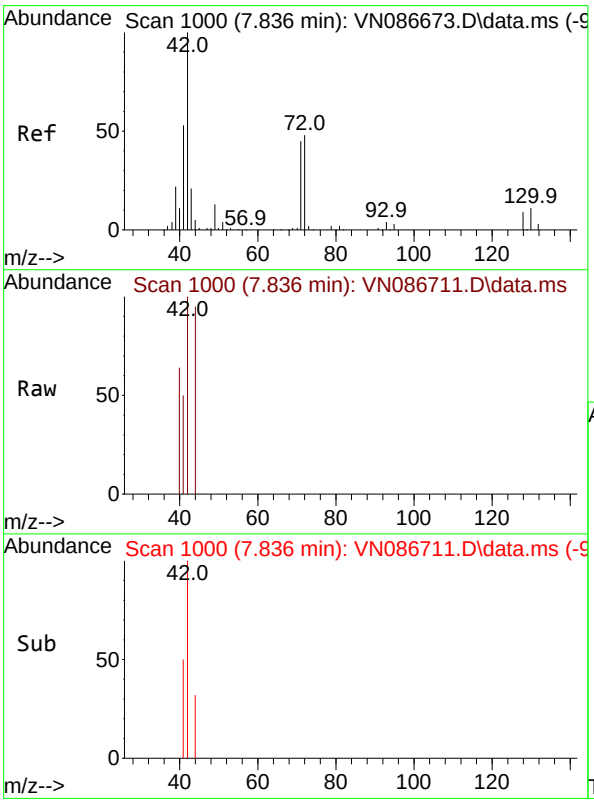
#25
2-Butanone
Concen: 1.796 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
72	19.9	23.1	34.7#

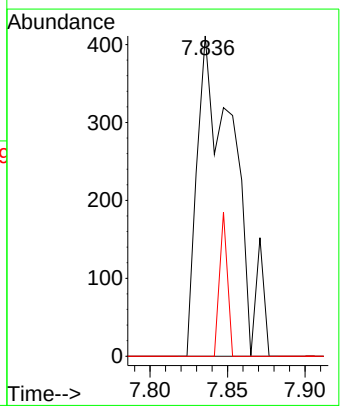


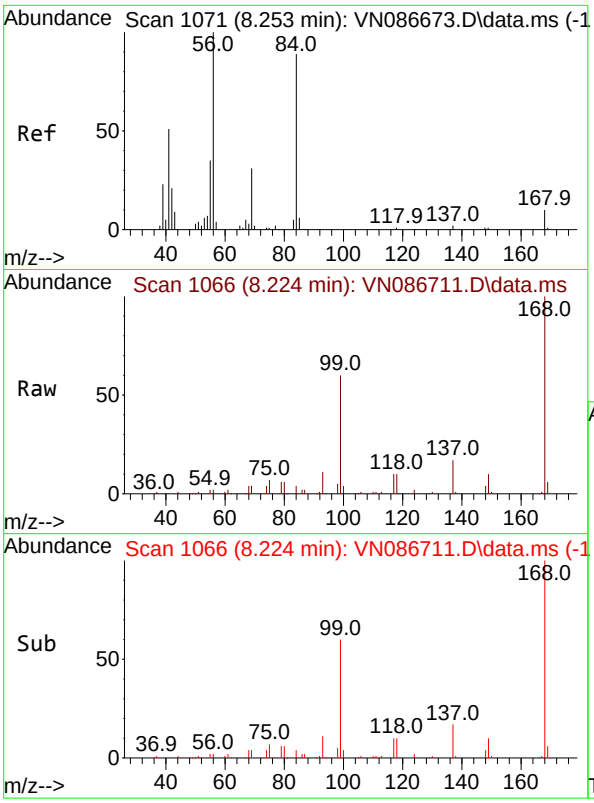


#29
Tetrahydrofuran
Concen: 0.788 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 42 Resp: 674

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.7	58.1#
71	9.6	36.2	54.4#



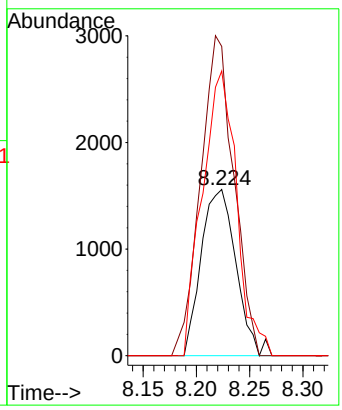


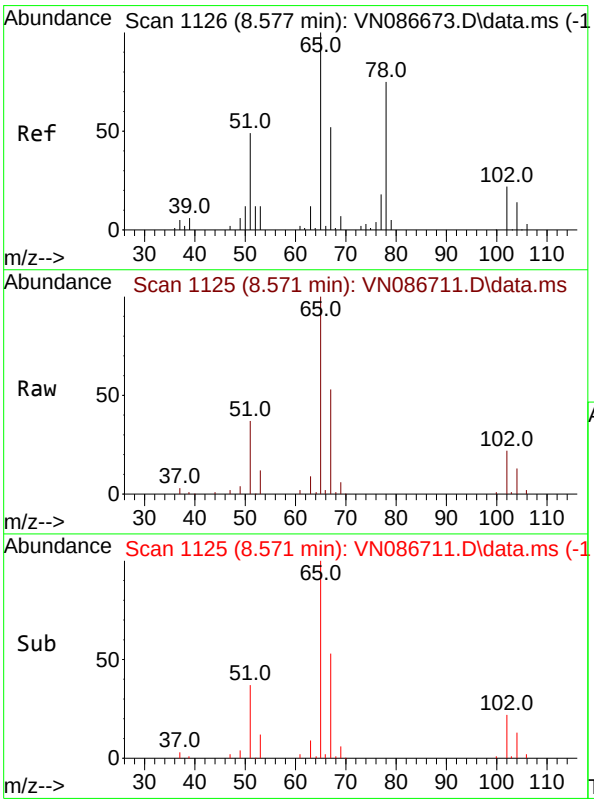
#31
Cyclohexane
Concen: 1.042 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 56 Resp: 3543

Ion	Ratio	Lower	Upper
56	100		
69	186.1	25.0	37.6#
84	171.3	71.0	106.4#

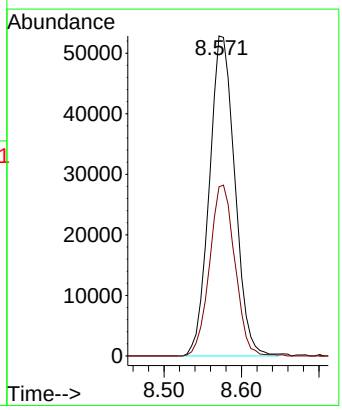


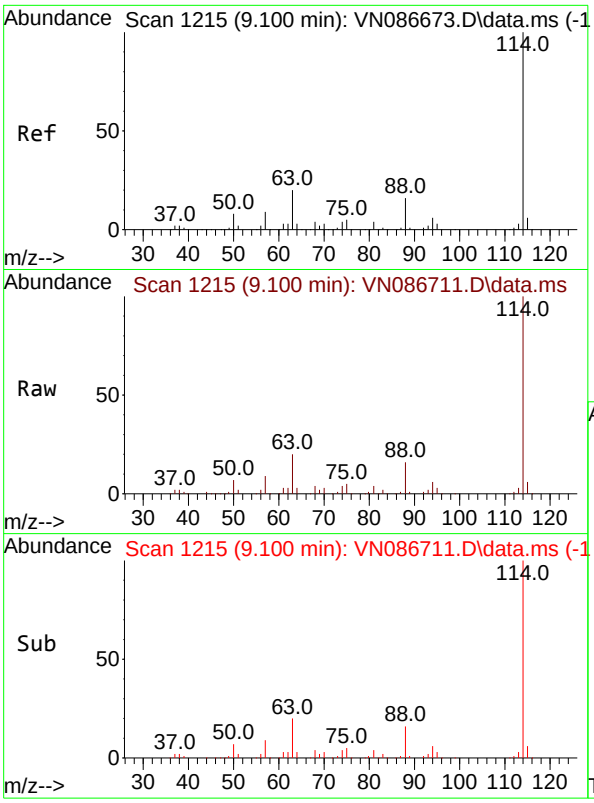


#33
1,2-Dichloroethane-d4
Concen: 53.281 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 65 Resp: 120727

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.4



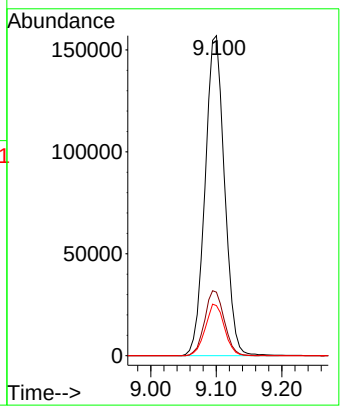


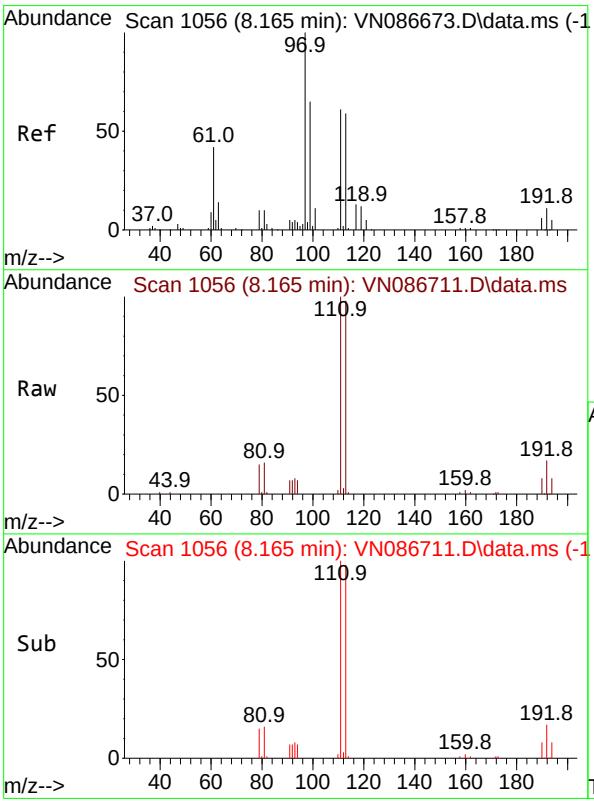
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:114 Resp: 323576

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.2
88	15.7	0.0	31.2

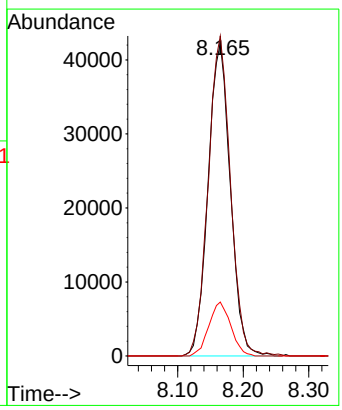


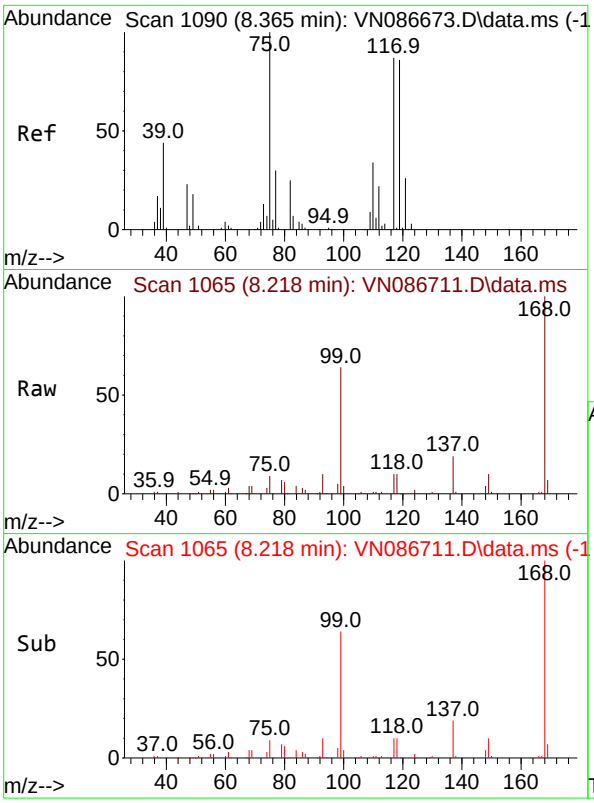


#35
Dibromofluoromethane
Concen: 51.650 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:113 Resp: 99532

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	17.0	13.8	20.8



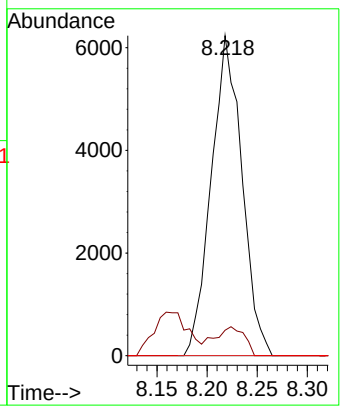


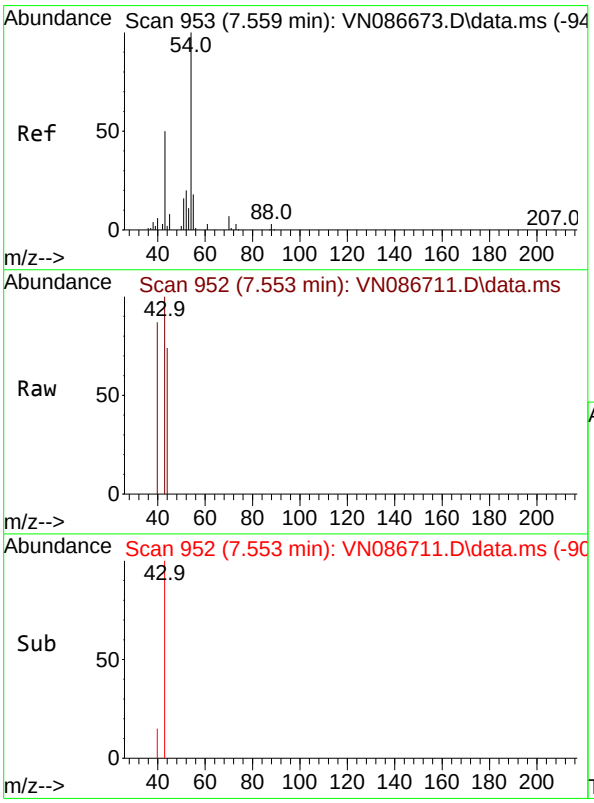
#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 75 Resp: 13282

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.0	25.1	37.7#

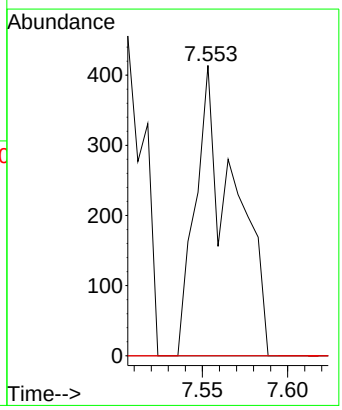


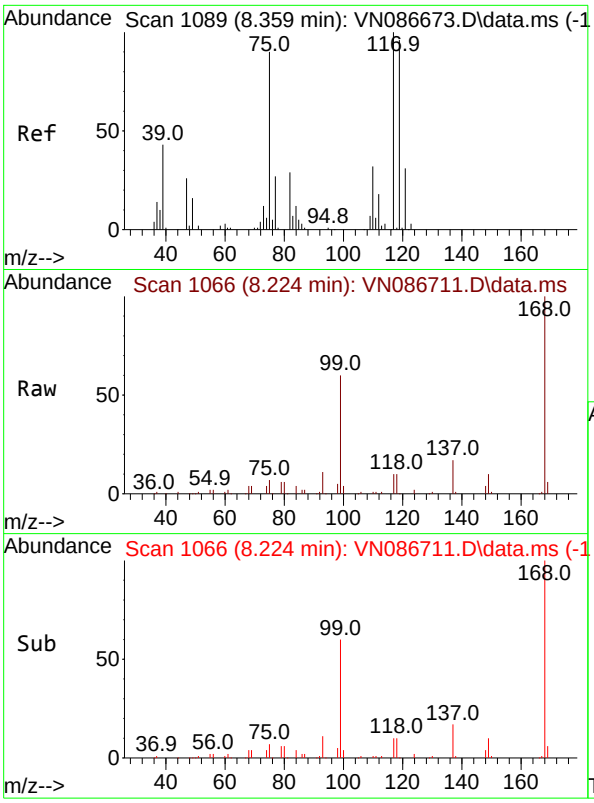


#37
Ethyl Acetate
Concen: 0.226 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 43 Resp: 650

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.4	14.0#



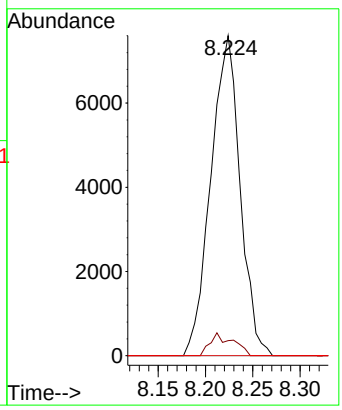


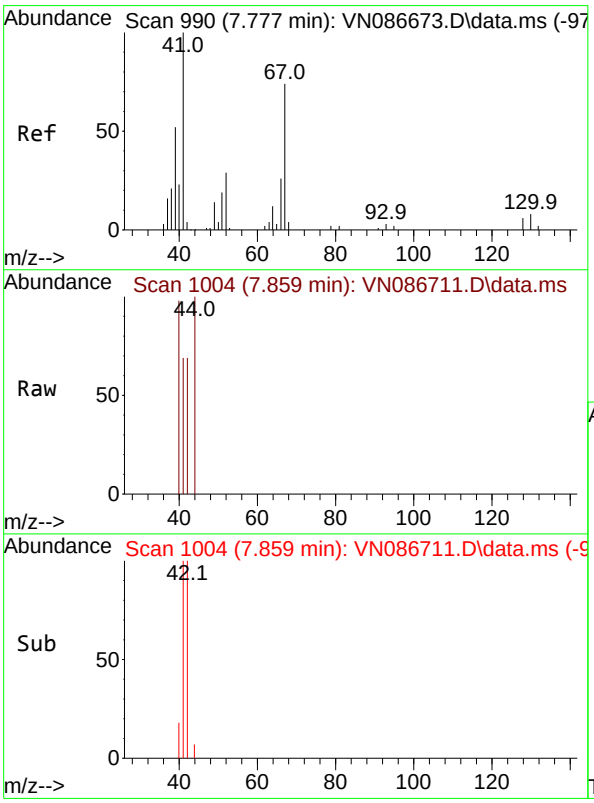
#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:117 Resp: 16359

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.0	115.6#
121	0.0	25.0	37.6#

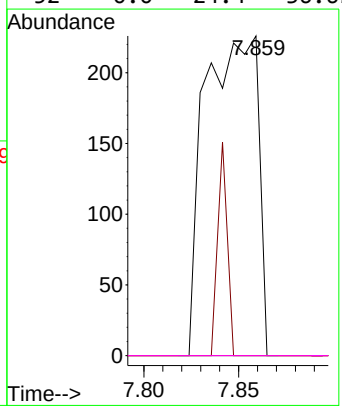


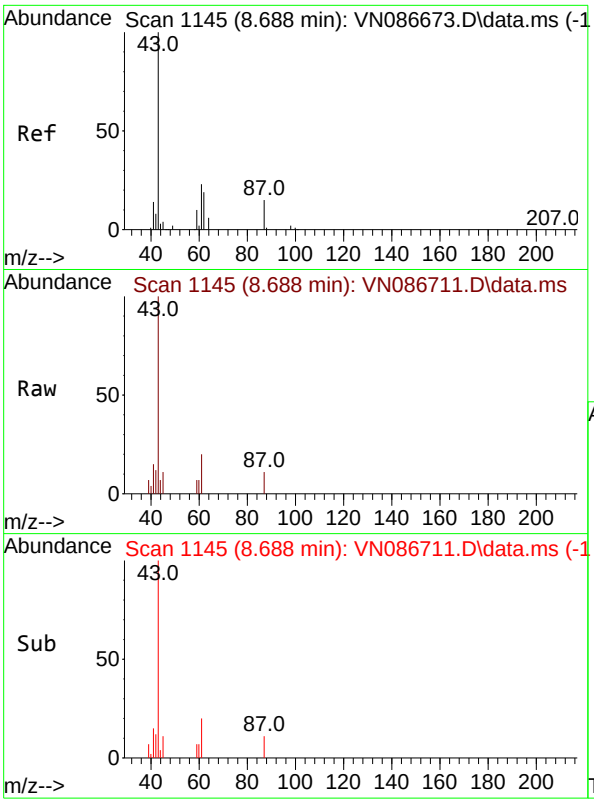


#41
Methacrylonitrile
Concen: 0.283 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.082 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 41 Resp: 438

Ion	Ratio	Lower	Upper
41	100		
39	12.1	44.9	67.3#
67	0.0	63.4	95.0#
52	0.0	24.4	36.6#



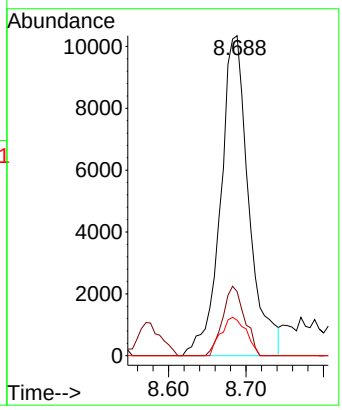


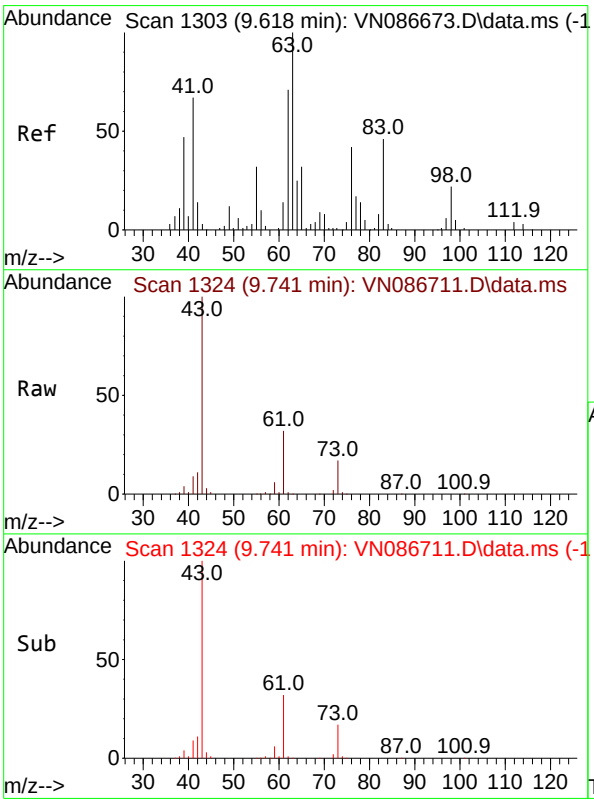
#43
Isopropyl Acetate
Concen: 4.567 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 43 Resp: 26288

Ion	Ratio	Lower	Upper
43	100		
61	16.9	21.4	32.2#
87	10.7	11.1	16.7#

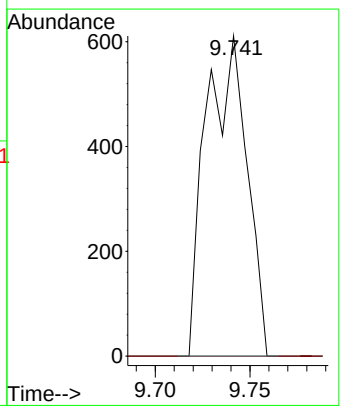


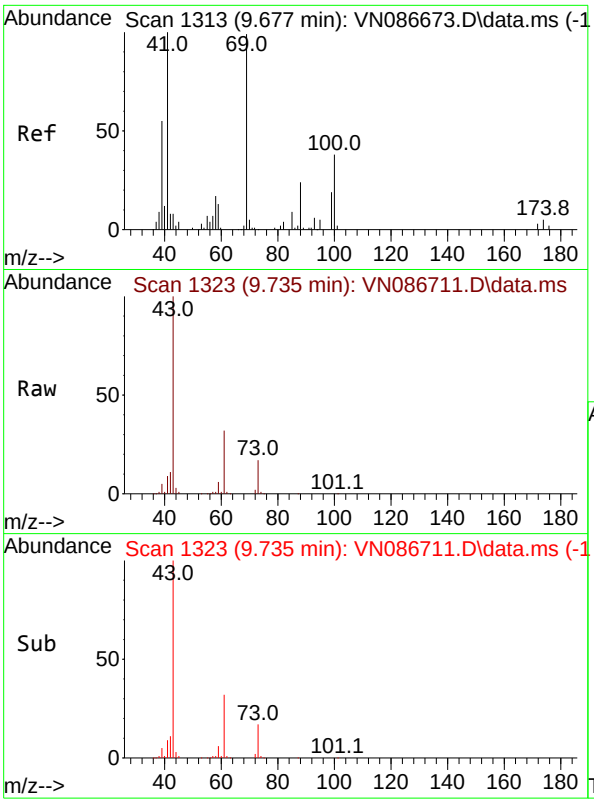


#45
1,2-Dichloropropane
Concen: 0.417 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 63 Resp: 918

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#



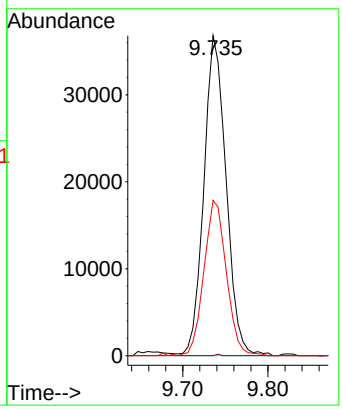


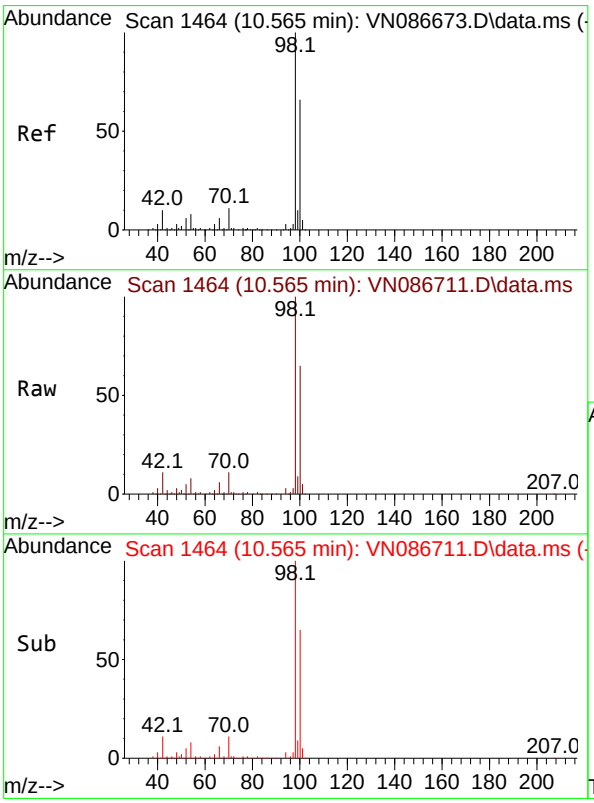
#48
Methyl methacrylate
Concen: 29.940 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.059 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 41 Resp: 66780

Ion	Ratio	Lower	Upper
41	100		
69	0.1	74.1	111.1#
39	48.9	44.1	66.1

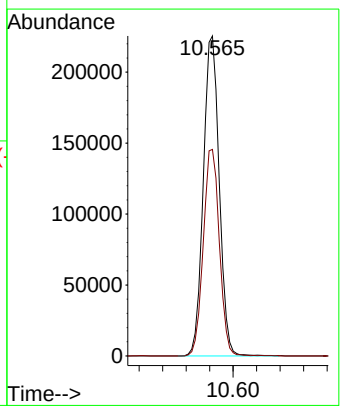


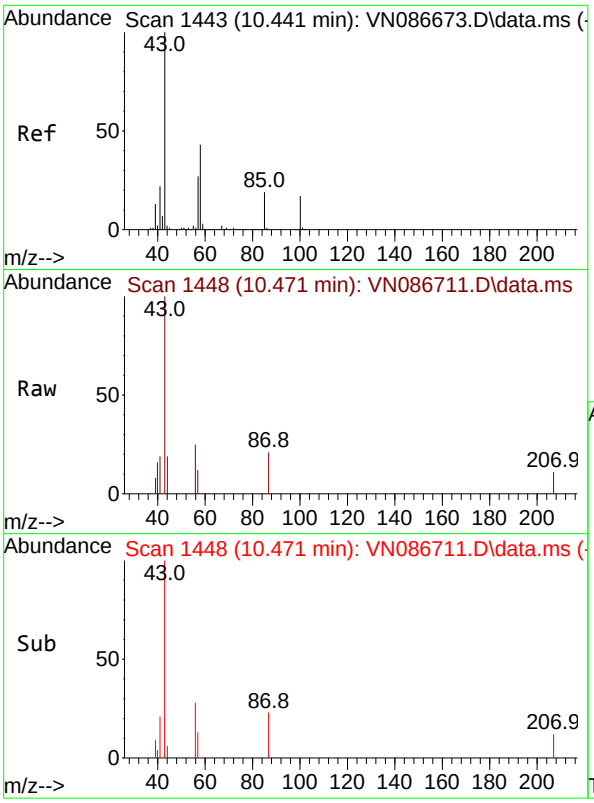


#50
Toluene-d8
Concen: 53.026 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 98 Resp: 423448

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3



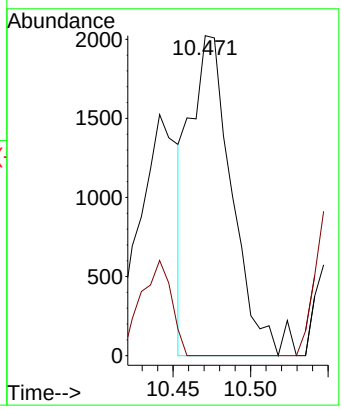


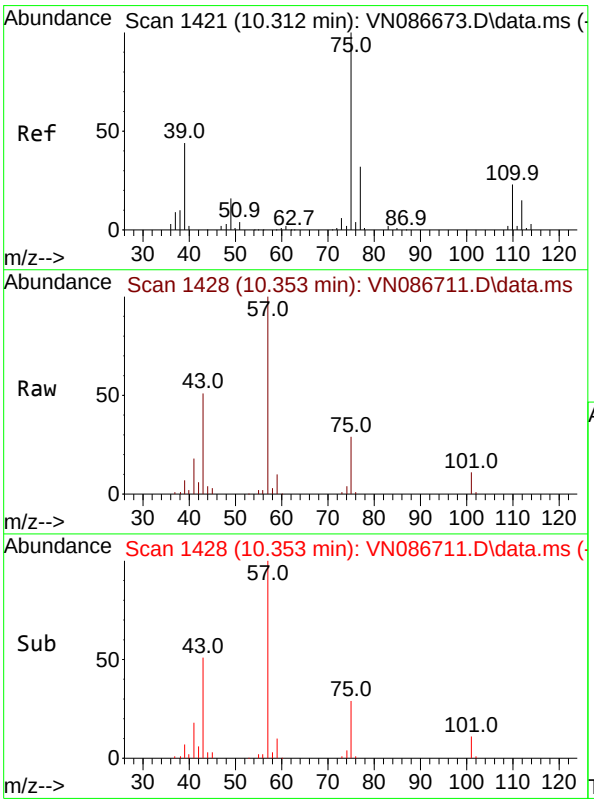
#51
4-Methyl-2-Pentanone
Concen: 1.304 ug/l
RT: 10.471 min Scan# 14
Delta R.T. 0.029 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 43 Resp: 3785

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.9	50.9#

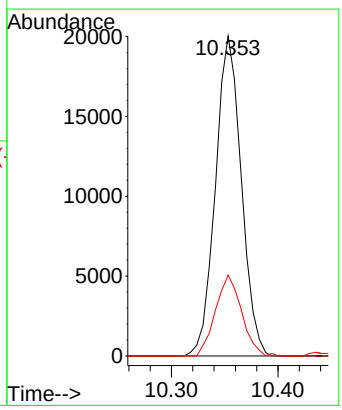


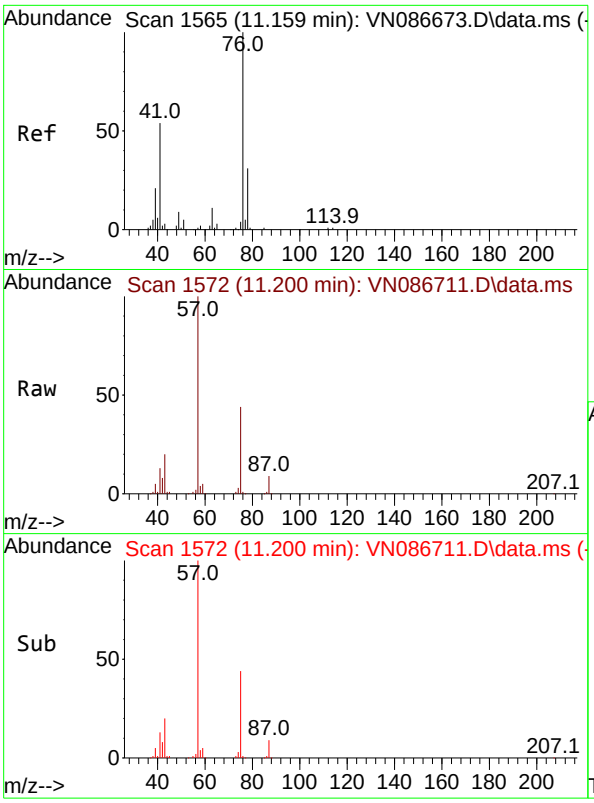


#54
cis-1,3-Dichloropropene
Concen: 9.525 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 75 Resp: 33714

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	25.2	35.2	52.8#



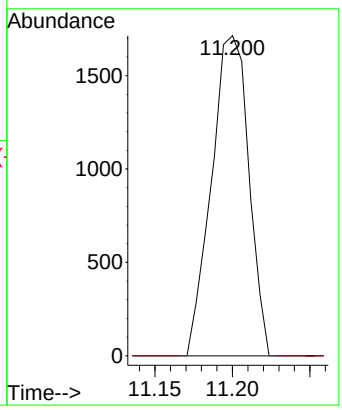


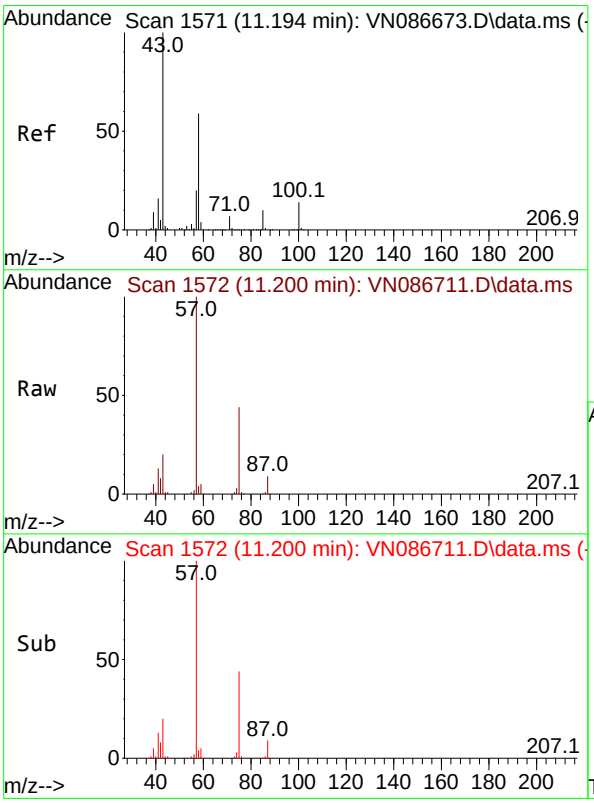
#57
1,3-Dichloropropane
Concen: 0.774 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 76 Resp: 2867

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

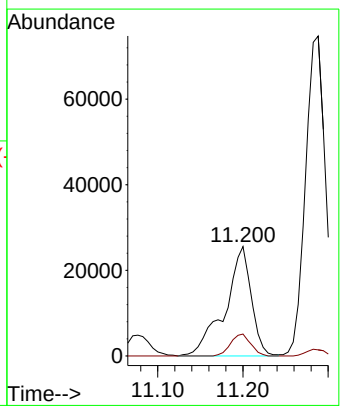


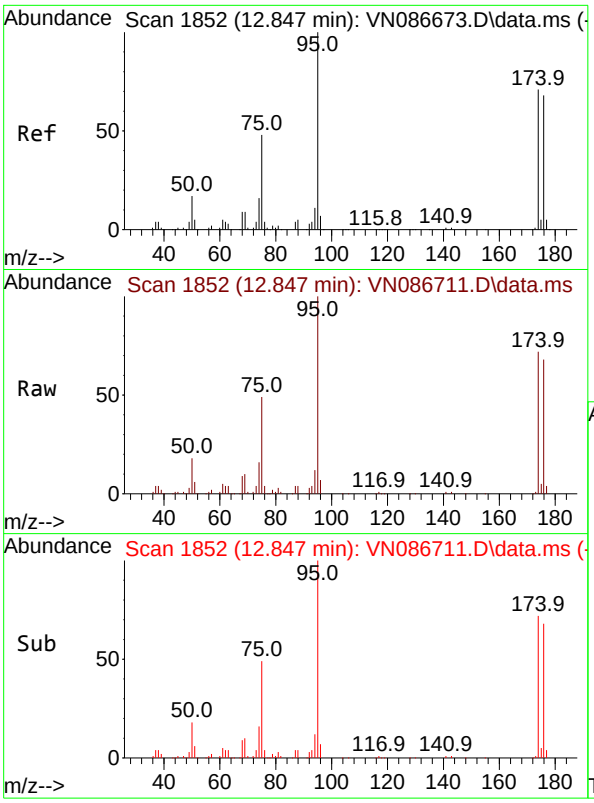


#59
2-Hexanone
Concen: 25.919 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 43 Resp: 54942

Ion	Ratio	Lower	Upper
43	100		
58	15.4	29.8	89.5#



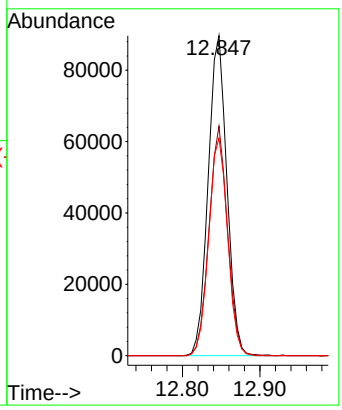


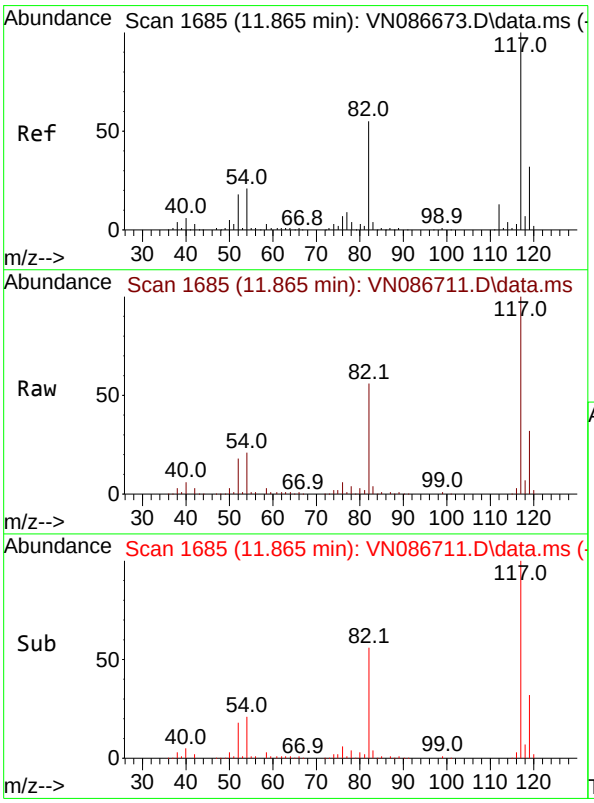
#62
4-Bromofluorobenzene
Concen: 53.366 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 95 Resp: 150478

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	145.4
176	68.4	0.0	137.8

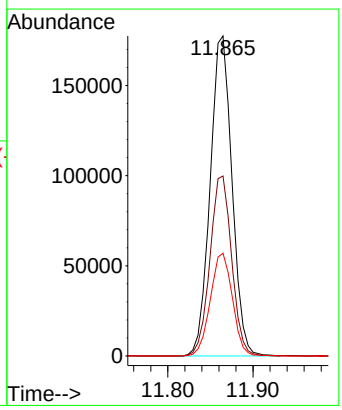


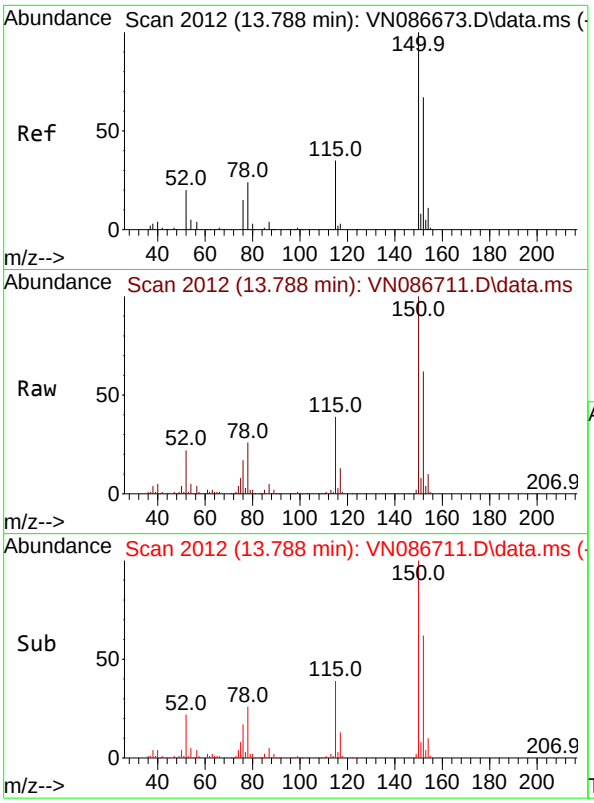


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:117 Resp: 316147

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	32.1	25.4	38.2



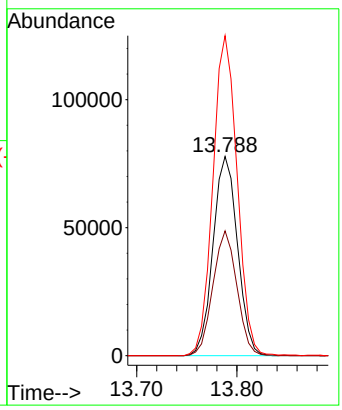


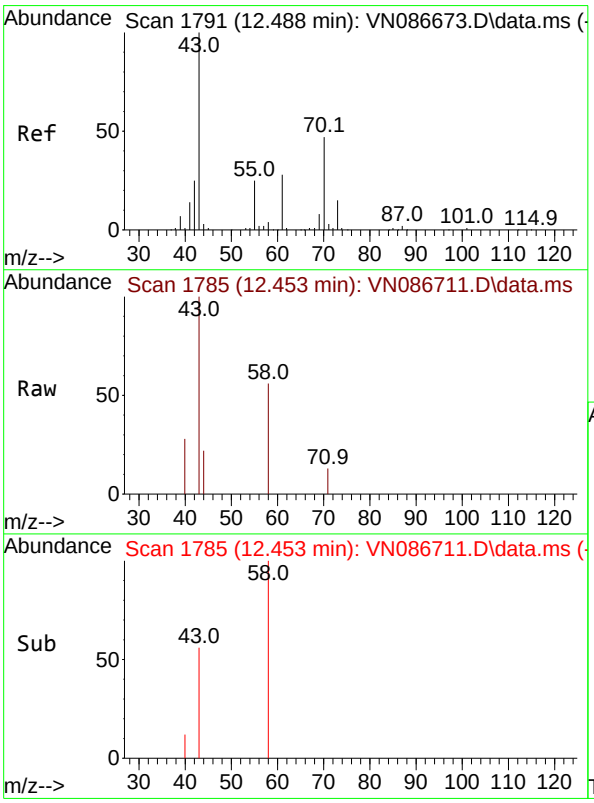
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:152 Resp: 131784

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.0	90.1
150	159.3	0.0	347.8

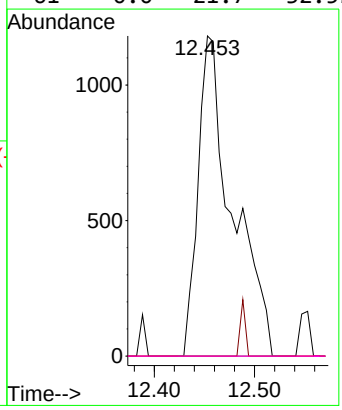


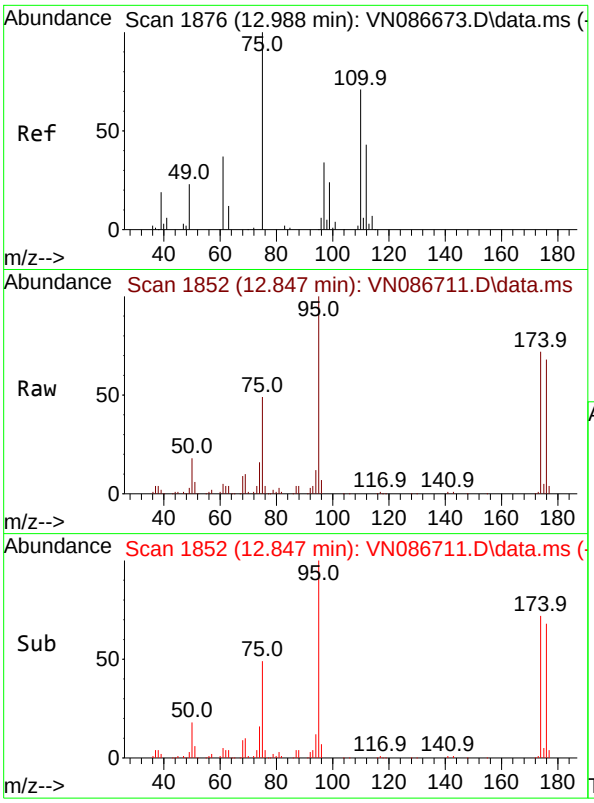


#74
N-amyl acetate
Concen: 0.661 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.035 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 43 Resp: 2812

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.9	56.9#
55	0.0	20.5	30.7#
61	0.0	21.7	32.5#



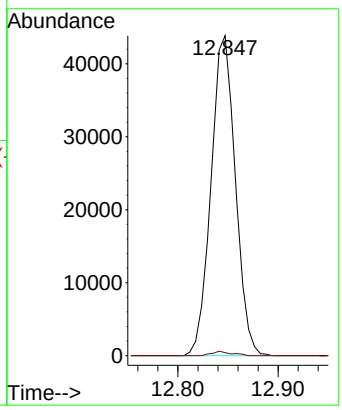


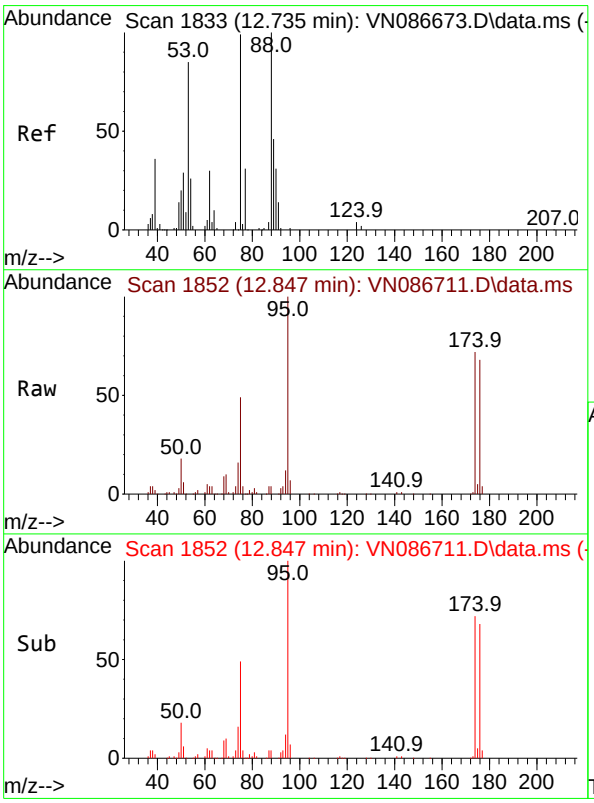
#76
1,2,3-Trichloropropane
Concen: 24.845 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 75 Resp: 74048

Ion	Ratio	Lower	Upper
75	100		
77	1.1	96.0	288.1#

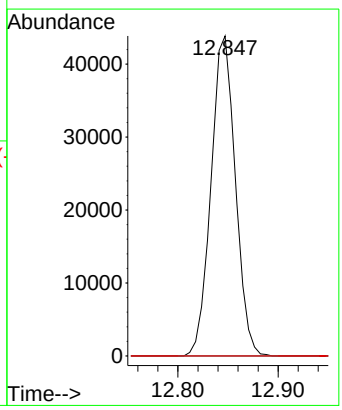


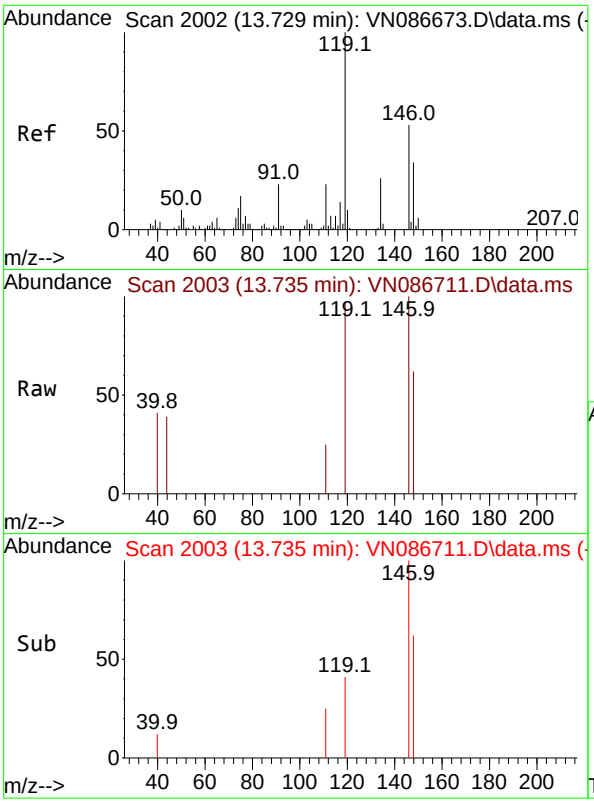


#81
trans-1,4-Dichloro-2-butene
Concen: 62.700 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion: 75 Resp: 74048

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.0	32.4	48.6#



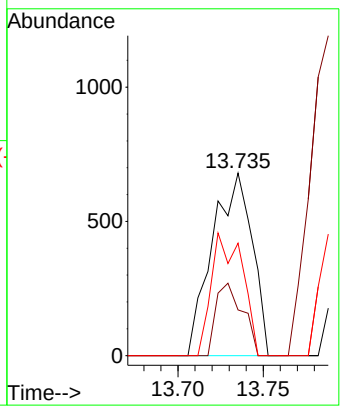


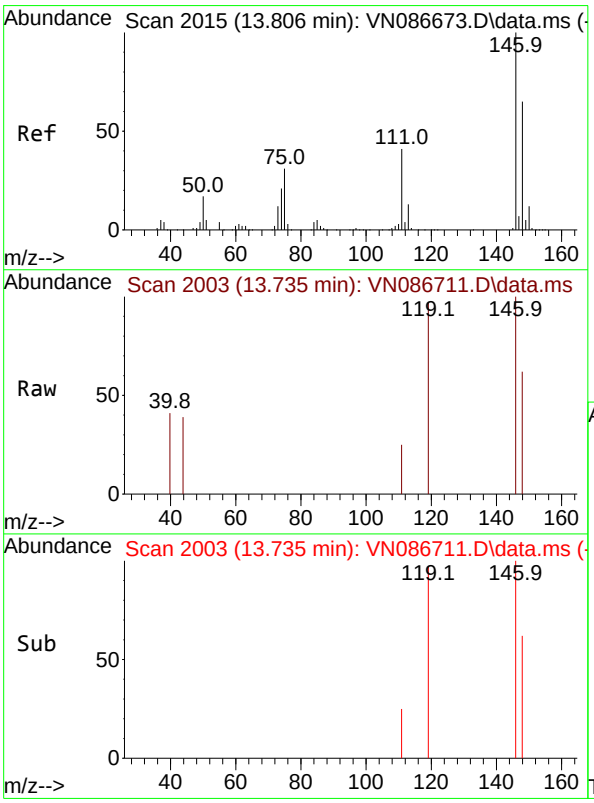
#87
1,3-Dichlorobenzene
Concen: 0.249 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:146 Resp: 1105

Ion	Ratio	Lower	Upper
146	100		
111	26.5	20.9	62.7
148	52.1	31.8	95.4

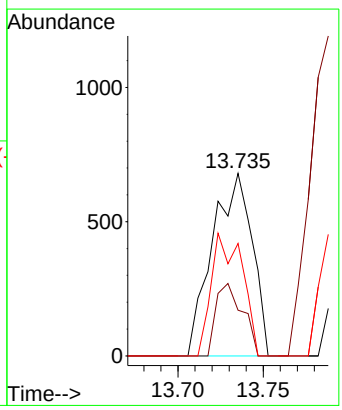


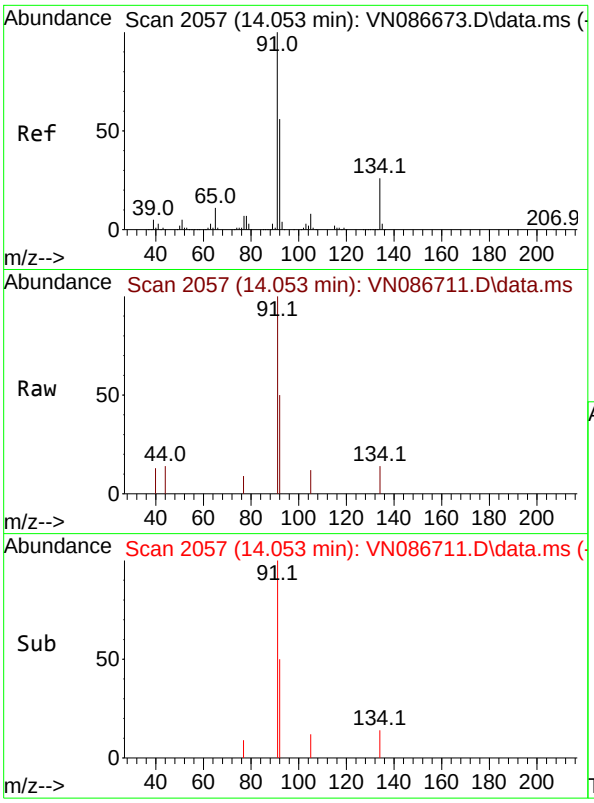


#88
1,4-Dichlorobenzene
Concen: 0.252 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.071 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:146 Resp: 1105

Ion	Ratio	Lower	Upper
146	100		
111	26.5	20.6	61.8
148	52.1	32.0	96.0



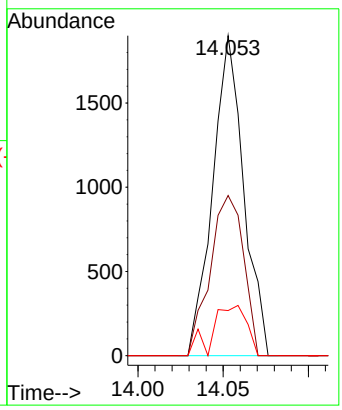


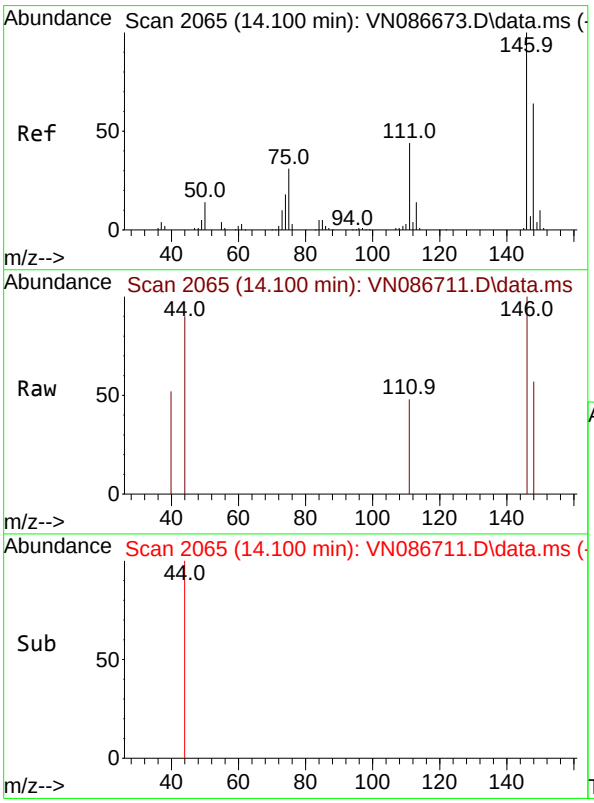
#89
n-Butylbenzene
Concen: 0.371 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion: 91 Resp: 2405

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.0
134	17.3	12.8	38.4

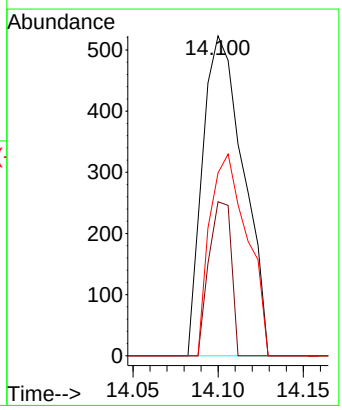


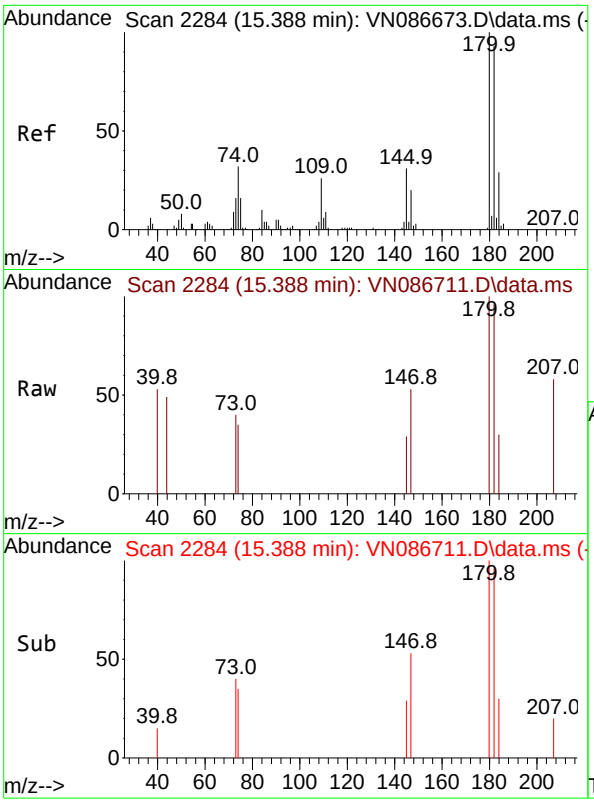


#91
1,2-Dichlorobenzene
Concen: 0.207 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:146 Resp: 871

Ion	Ratio	Lower	Upper
146	100		
111	26.3	21.6	65.0
148	57.9	31.7	95.1



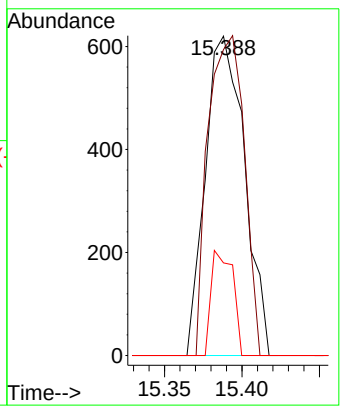


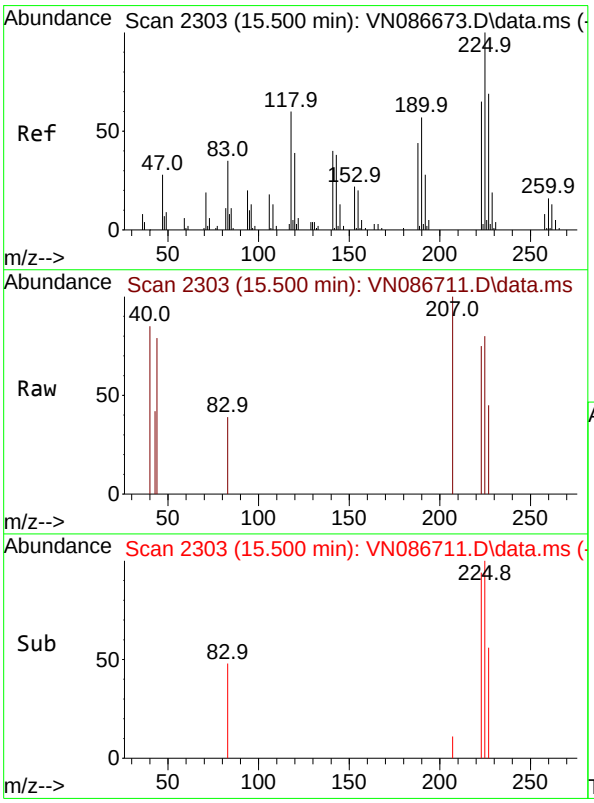
#93
1,2,4-Trichlorobenzene
Concen: 0.612 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:180 Resp: 1089

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.1	141.3
145	18.2	15.6	46.8

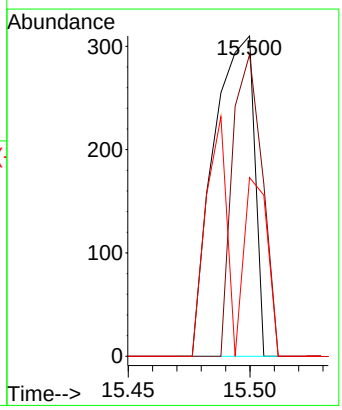


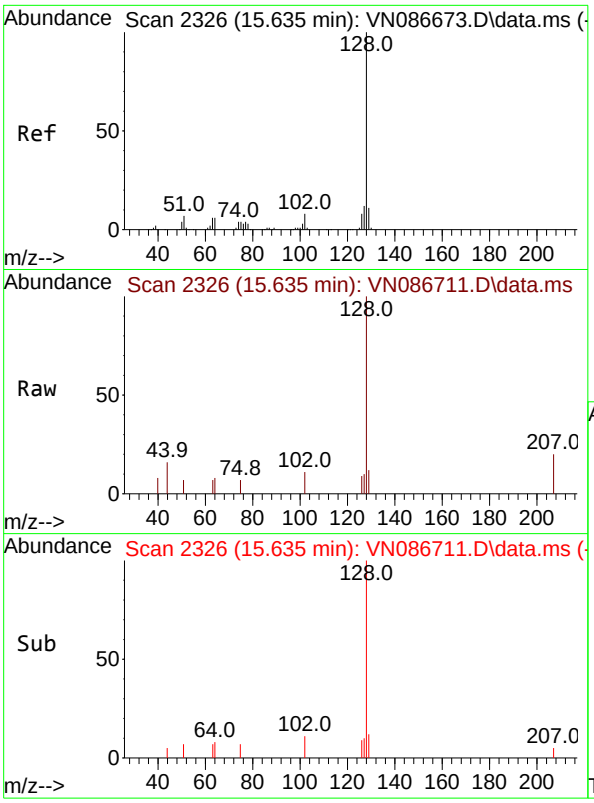


#94
Hexachlorobutadiene
Concen: 0.486 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:225 Resp: 359

Ion	Ratio	Lower	Upper
225	100		
223	68.8	32.9	98.6
227	38.2	32.4	97.2



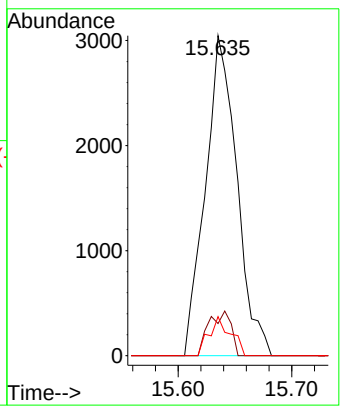


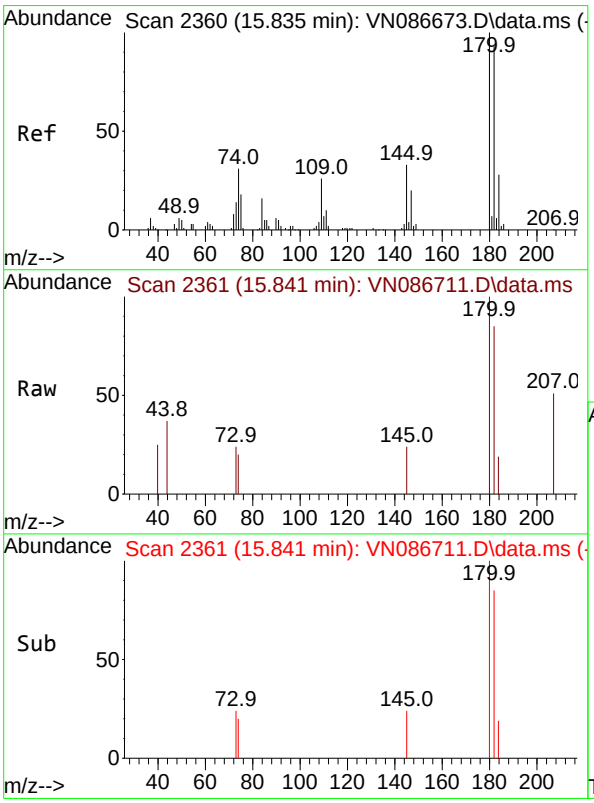
#95
Naphthalene
Concen: 0.950 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Instrument :
MSVOA_N
ClientSampleId :
PB168068TB

Tgt Ion:128 Resp: 5870

Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.1	15.1#
129	8.3	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.799 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086711.D
Acq: 20 May 2025 12:27

Tgt Ion:180 Resp: 1392

Ion	Ratio	Lower	Upper
180	100		
182	85.1	47.0	141.2
145	21.4	16.7	50.1