Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086852.D
Acq On : 03 Jun 2025 18:59
Operator : JC\MD
Sample : PB168225ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Quant Time: Jun 04 02:04:56 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	225219	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	441254	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	414229	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	186632	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.576	65	157247	50.527	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.060%				
35) Dibromofluoromethane	8.159	113	136142	51.807	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%				
50) Toluene-d8	10.565	98	556501	51.102	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.200%				
62) 4-Bromofluorobenzene	12.847	95	206238	53.635	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.280%				
Target Compounds							Qvalue
3) Chloromethane	2.383	50	15852	4.309	ug/l		95
8) Diethyl Ether	3.965	74	443	0.272	ug/l		68
10) Methyl Iodide	4.577	142	740	0.252	ug/l	#	69
11) Tert butyl alcohol	5.512	59	413	0.729	ug/l	#	73
13) Acrolein	4.159	56	556	0.918	ug/l	#	58
16) Acetone	4.418	43	38685	33.231	ug/l		95
18) Methyl Acetate	5.012	43	28943	8.883	ug/l		99
20) Methylene Chloride	5.277	84	7030	2.288	ug/l		90
25) 2-Butanone	7.488	43	6538	3.634	ug/l		98
29) Tetrahydrofuran	7.847	42	1181	1.006	ug/l	#	66
31) Cyclohexane	8.218	56	4241	0.908	ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	18091	4.667	ug/l	#	48
37) Ethyl Acetate	7.559	43	20183	5.155	ug/l		98
38) Carbon Tetrachloride	8.224	117	22448	5.878	ug/l	#	16
43) Isopropyl Acetate	8.682	43	17003	2.166	ug/l		93
45) 1,2-Dichloropropane	9.741	63	1765	0.588	ug/l	#	42
48) Methyl methacrylate	9.741	41	109773	36.090	ug/l	#	36
49) 1,4-Dioxane	9.694	88	504	7.825	ug/l	#	65
51) 4-Methyl-2-Pentanone	10.482	43	12094	3.055	ug/l	#	33
53) t-1,3-Dichloropropene	10.735	75	1061	0.240	ug/l	#	43
54) cis-1,3-Dichloropropene	10.353	75	84356	17.476	ug/l	#	55
57) 1,3-Dichloropropane	11.206	76	5616	1.112	ug/l	#	42
59) 2-Hexanone	11.206	43	85814	29.687	ug/l	#	43
71) Bromoform	12.847	173	737	0.353	ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	98943	23.441	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	98943	59.158	ug/l	#	15
92) 1,2-Dibromo-3-Chloropr...	14.688	75	183	0.249	ug/l	#	2

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086852.D
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Operator : JC\MD
Sample : PB168225ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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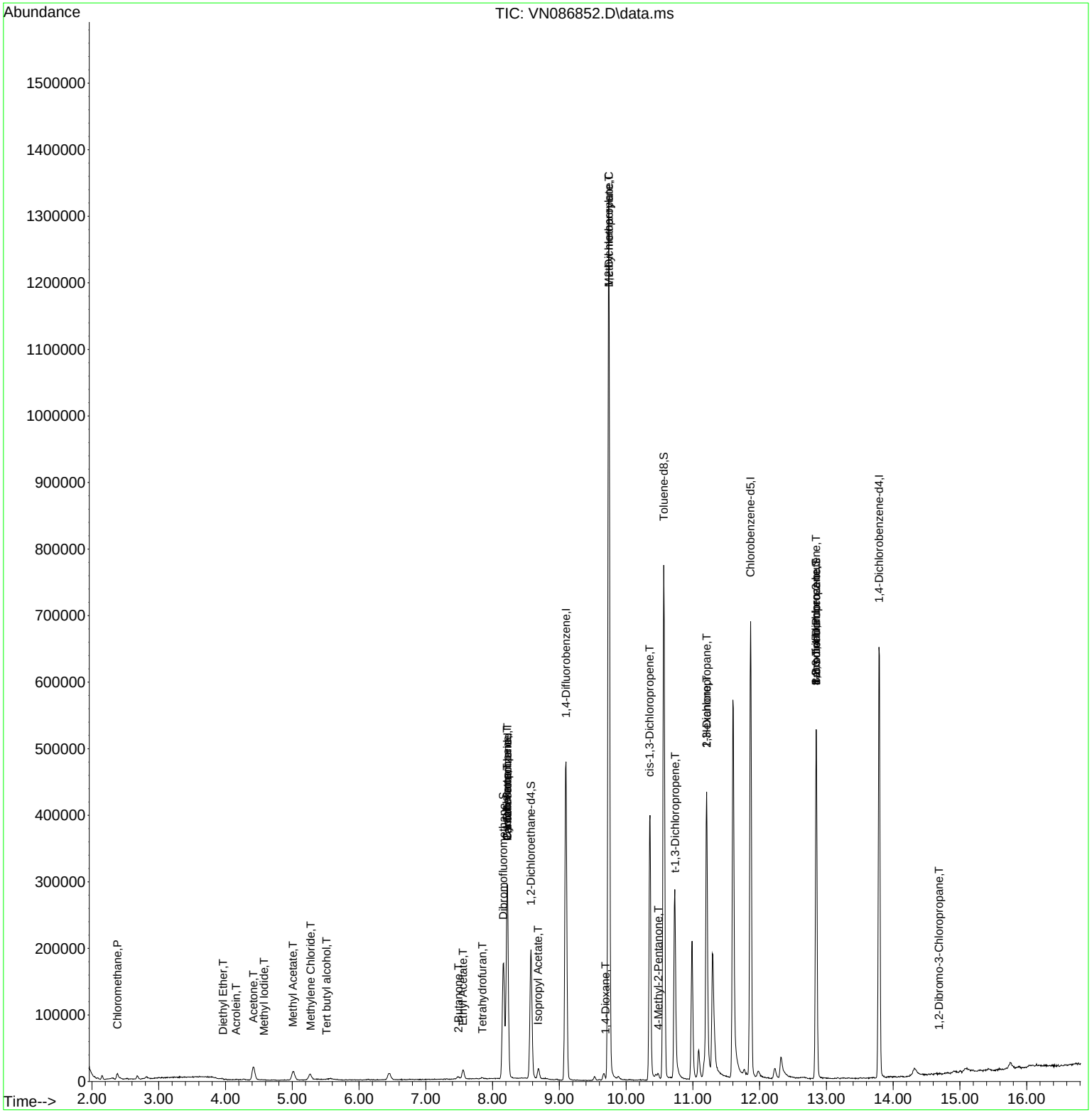
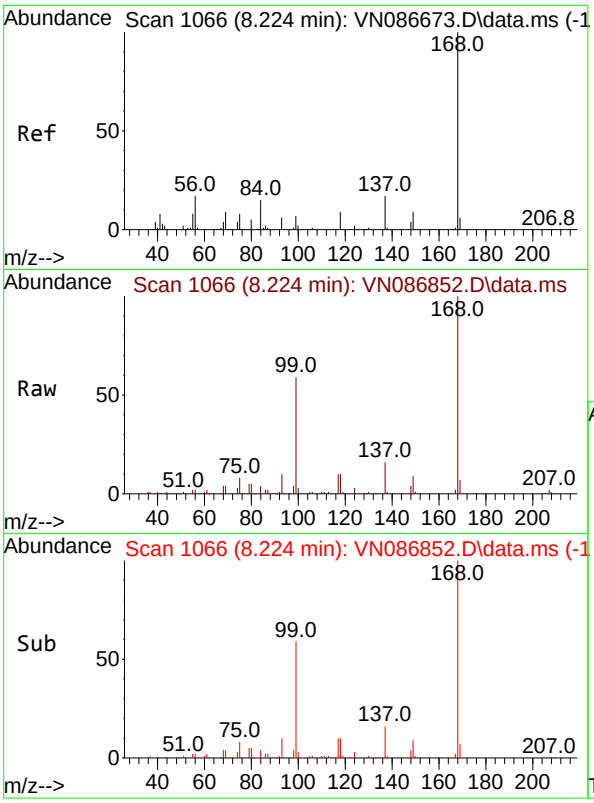
ClientSampleId :
PB168225ZHE#13

Quant Time: Jun 04 02:04:56 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



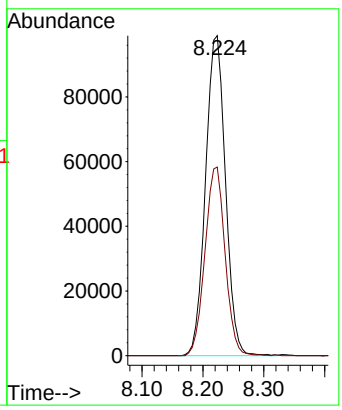


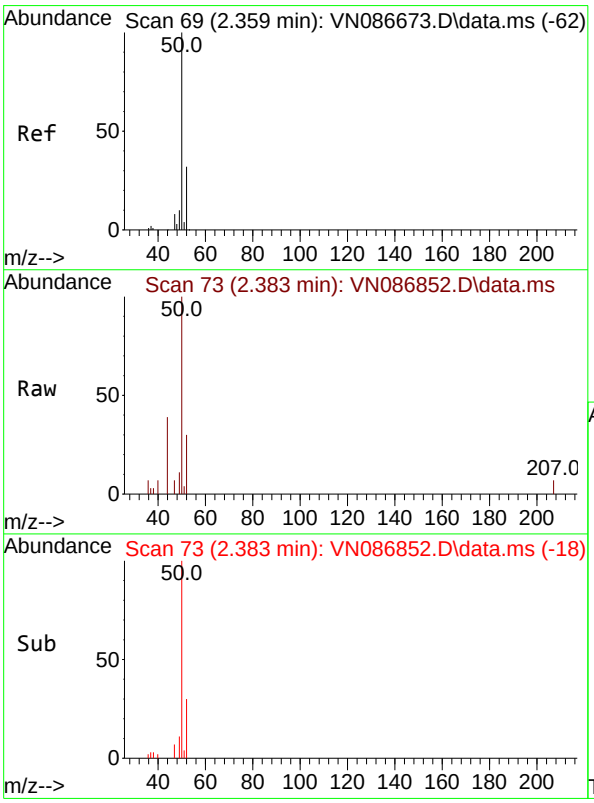
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion:168 Resp: 225219

Ion	Ratio	Lower	Upper
168	100		
99	59.0	47.0	70.4

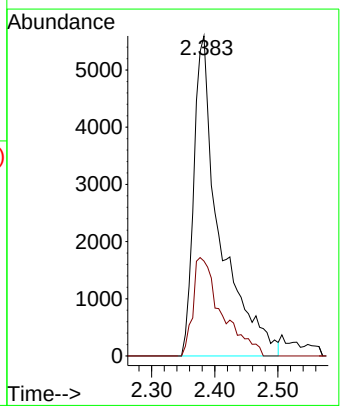


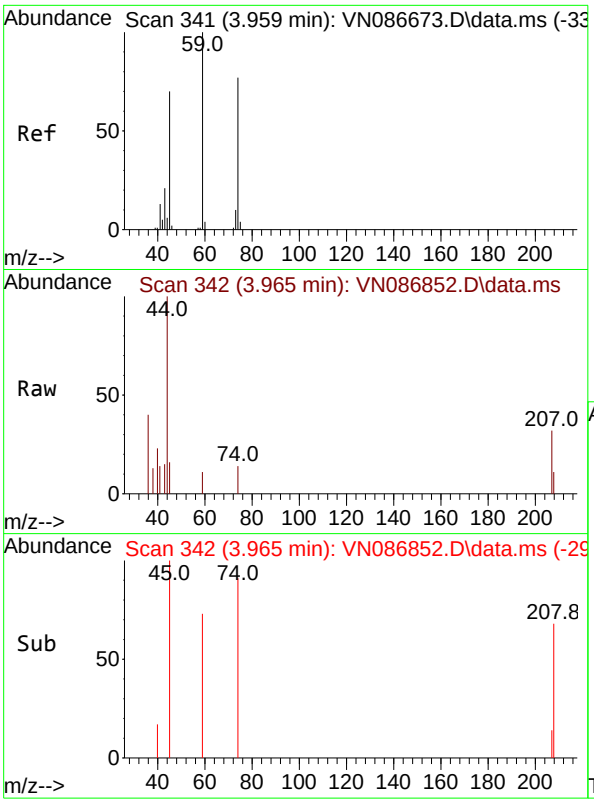


#3
Chloromethane
Concen: 4.309 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.023 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 50 Resp: 15852

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.9	38.9



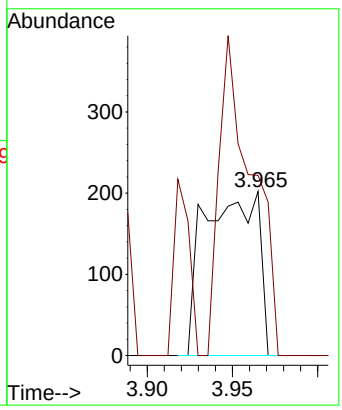


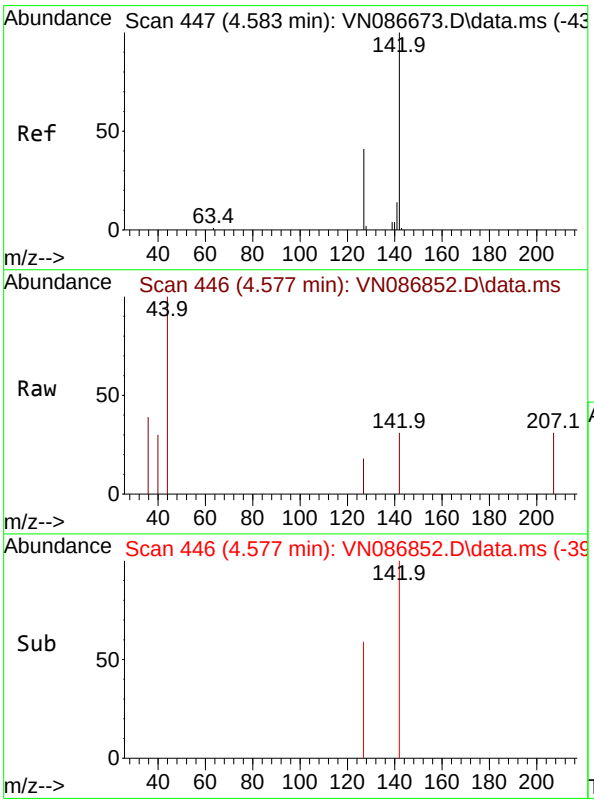
#8
Diethyl Ether
Concen: 0.272 ug/l
RT: 3.965 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 74 Resp: 443

Ion	Ratio	Lower	Upper
74	100		
45	120.5	45.0	135.0

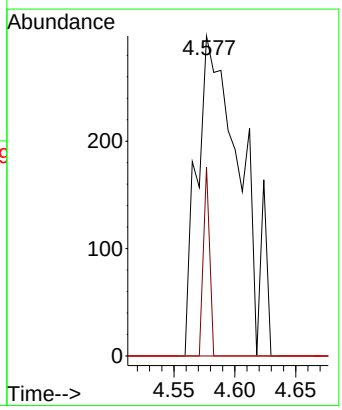


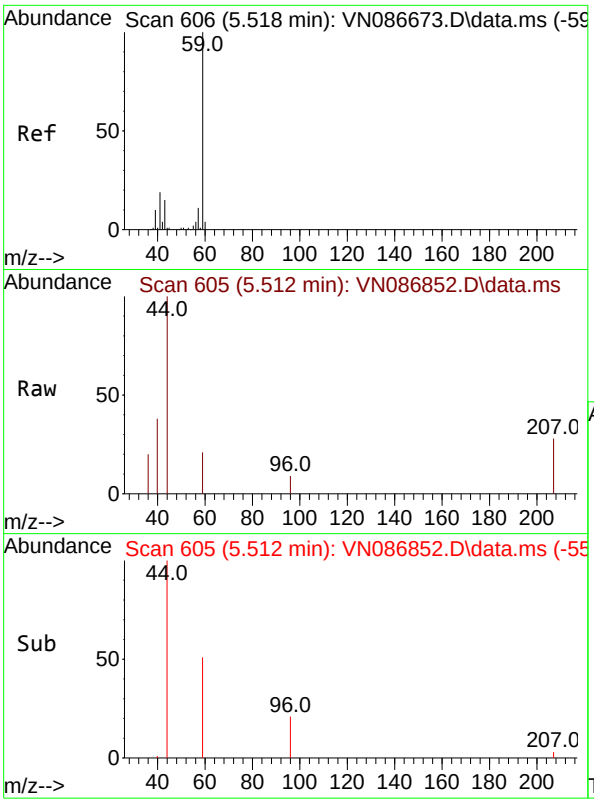


#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion:142 Resp: 740

Ion	Ratio	Lower	Upper
142	100		
127	59.1	32.4	48.6#
141	0.0	11.4	17.2#



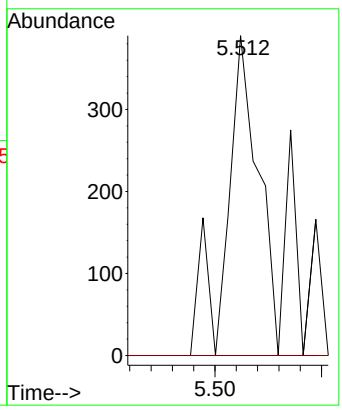


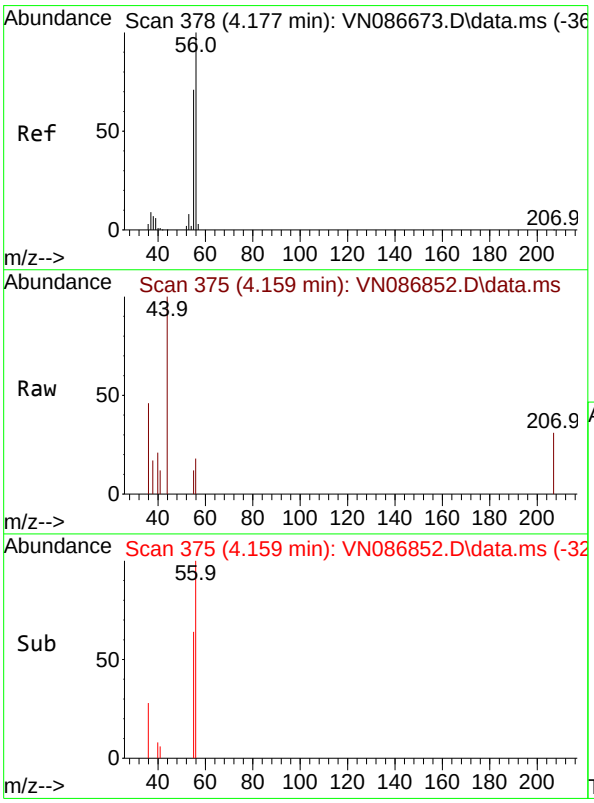
#11
Tert butyl alcohol
Concen: 0.729 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 59 Resp: 413

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

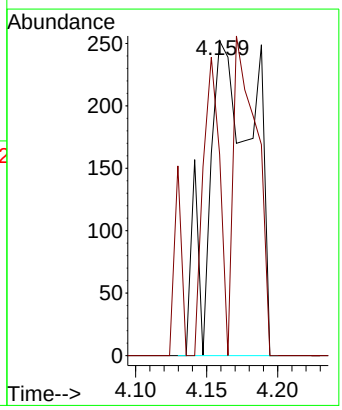


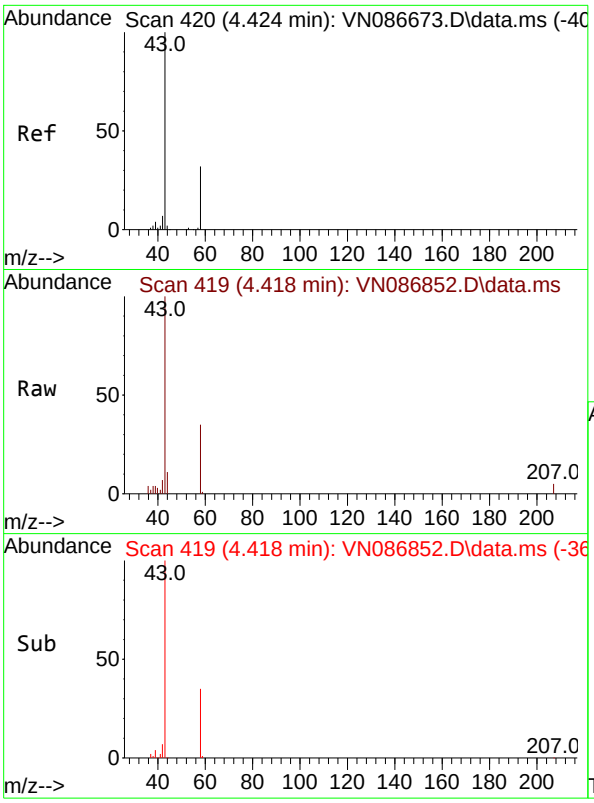


#13
Acrolein
Concen: 0.918 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.018 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 56 Resp: 556

Ion	Ratio	Lower	Upper
56	100		
55	35.1	55.7	83.5#



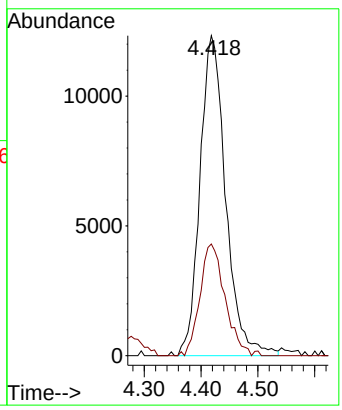


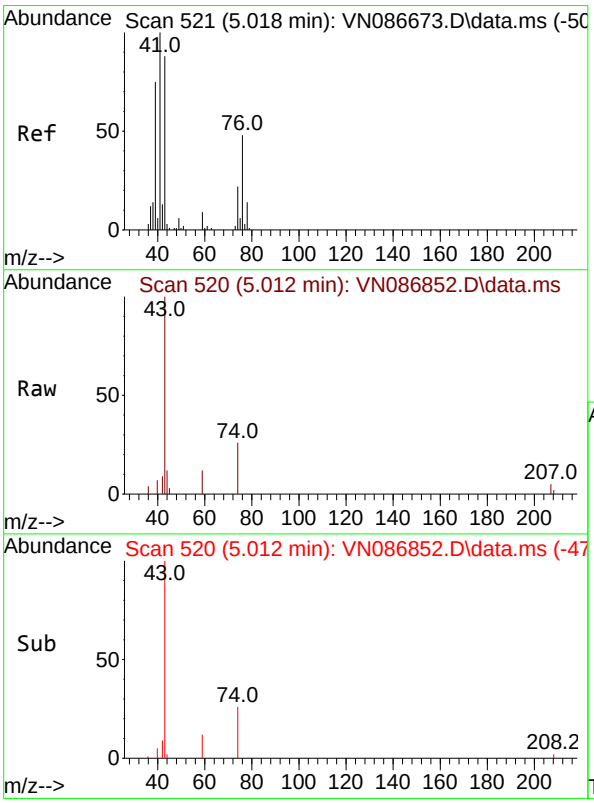
#16
Acetone
Concen: 33.231 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 43 Resp: 38685

Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.8	38.6

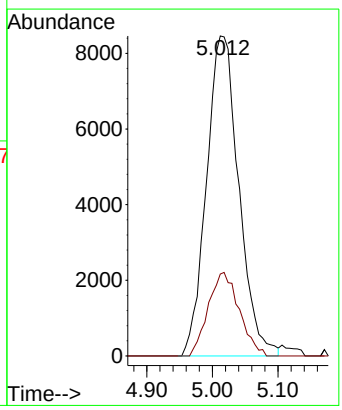


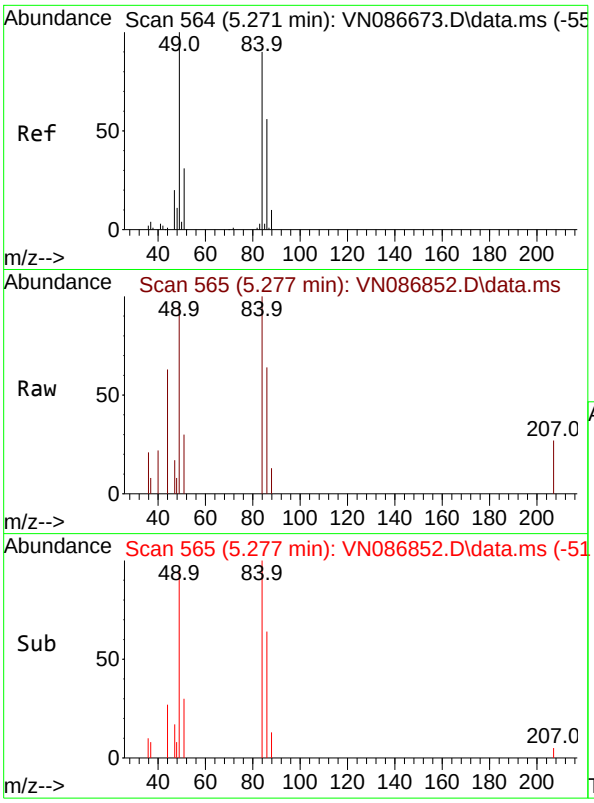


#18
Methyl Acetate
Concen: 8.883 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 43 Resp: 28943

Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.5	30.7



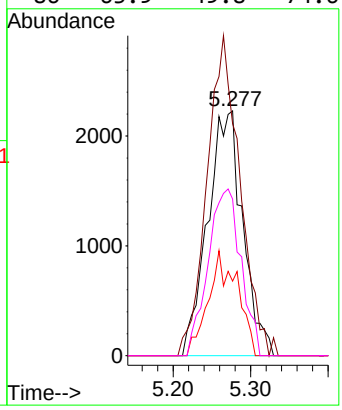


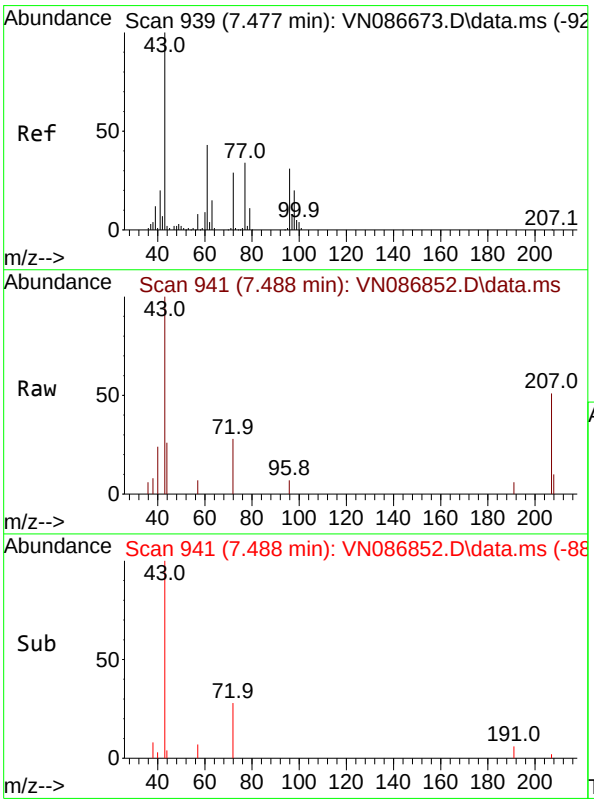
#20
Methylene Chloride
Concen: 2.288 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 84 Resp: 7030

Ion	Ratio	Lower	Upper
84	100		
49	94.8	88.8	133.2
51	30.4	27.8	41.6
86	63.9	49.8	74.6

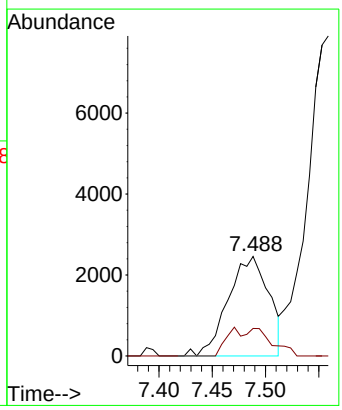


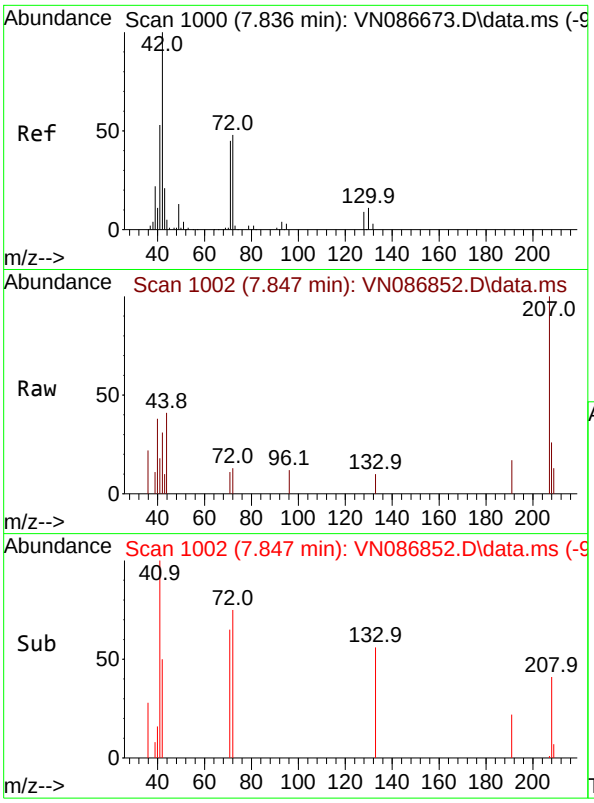


#25
2-Butanone
Concen: 3.634 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 43 Resp: 6538

Ion	Ratio	Lower	Upper
43	100		
72	27.7	23.1	34.7



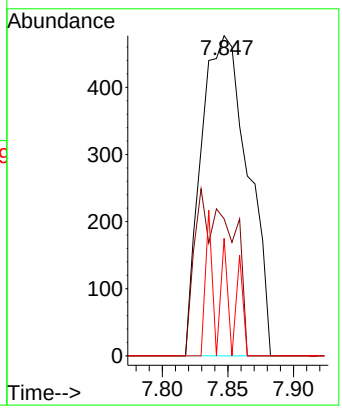


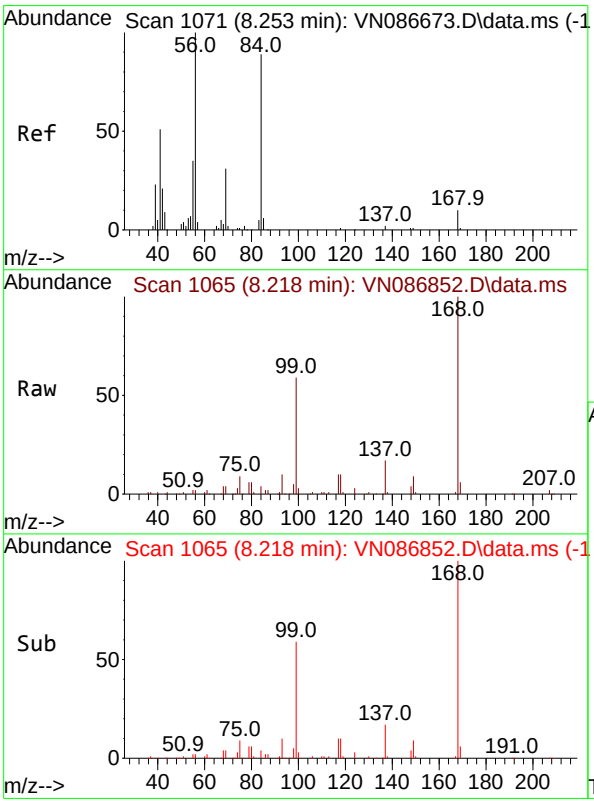
#29
Tetrahydrofuran
Concen: 1.006 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 42 Resp: 1181

Ion	Ratio	Lower	Upper
42	100		
72	40.9	38.7	58.1
71	6.5	36.2	54.4#

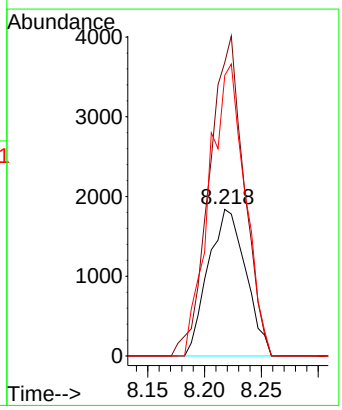


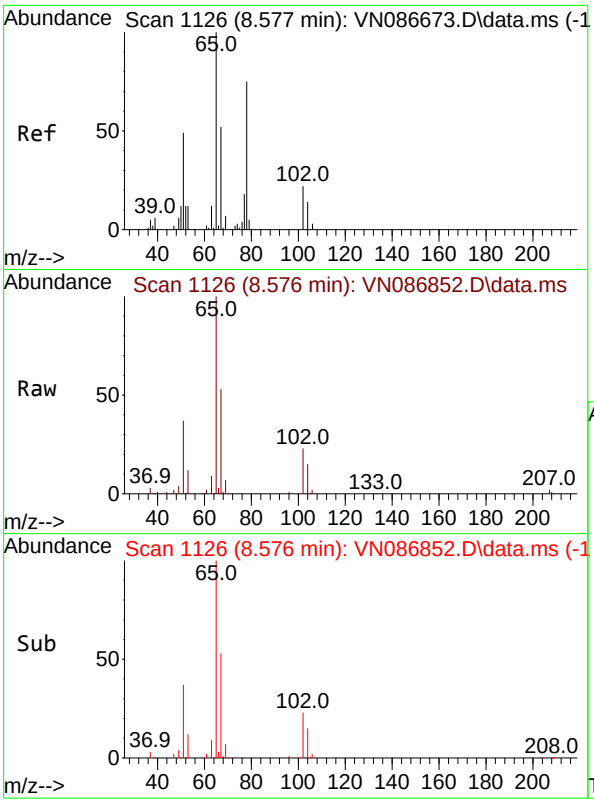


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 56 Resp: 4241

Ion	Ratio	Lower	Upper
56	100		
69	200.1	25.0	37.6#
84	191.4	71.0	106.4#



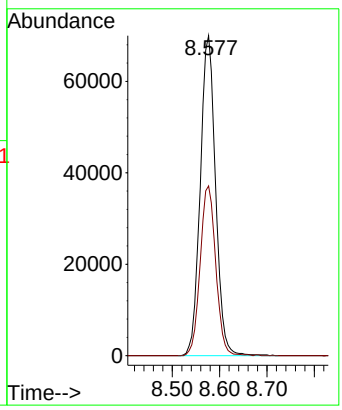


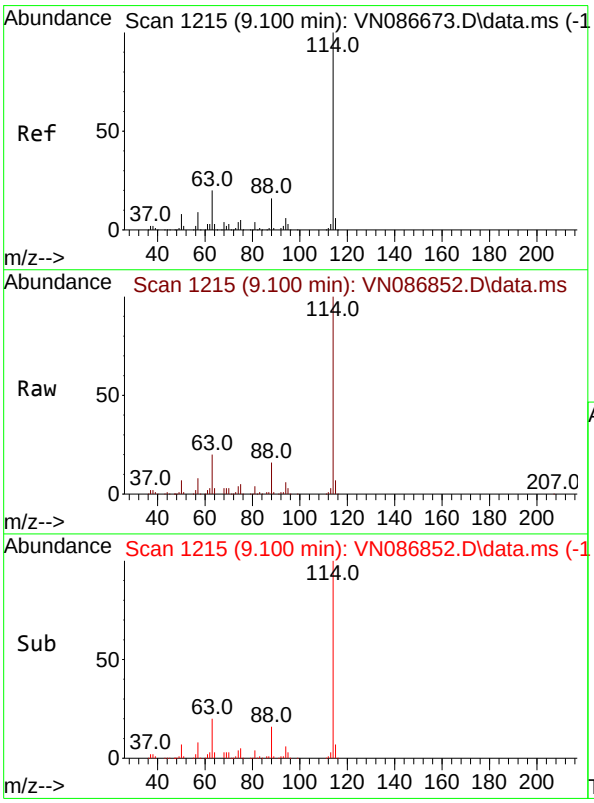
#33
1,2-Dichloroethane-d4
Concen: 50.527 ug/l
RT: 8.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 65 Resp: 157247

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.4

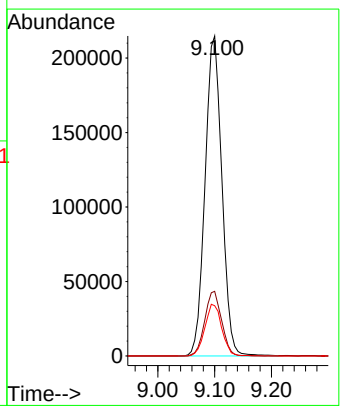


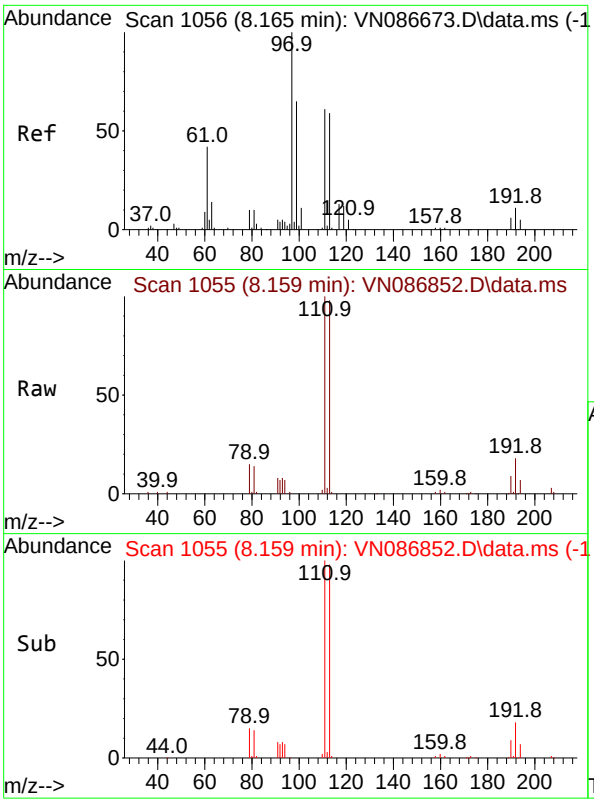


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion:114 Resp: 441254

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.2
88	15.7	0.0	31.2



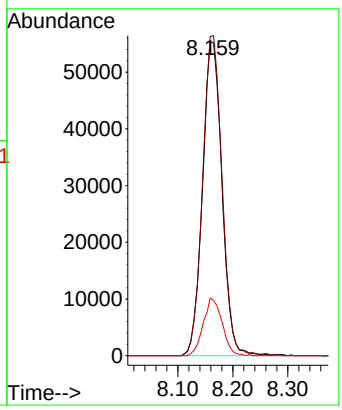


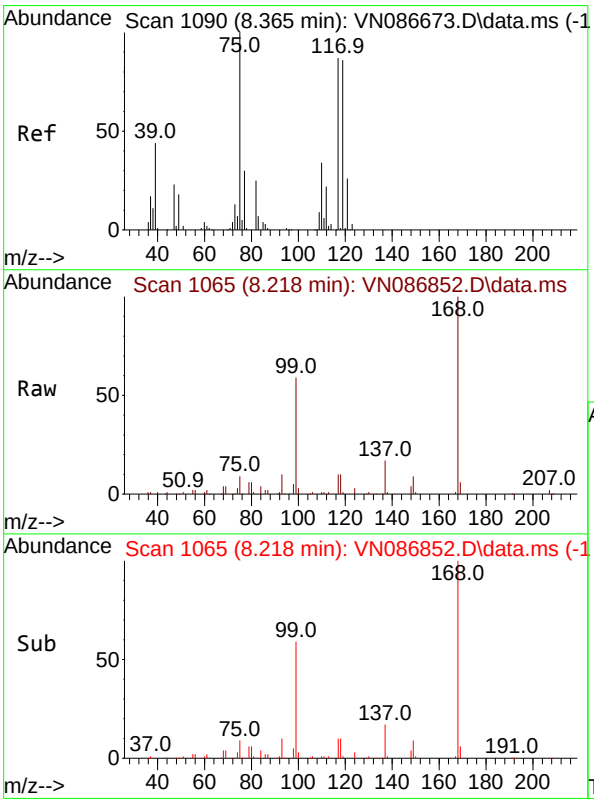
#35
Dibromofluoromethane
Concen: 51.807 ug/l
RT: 8.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion:113 Resp: 136142

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	17.8	13.8	20.8

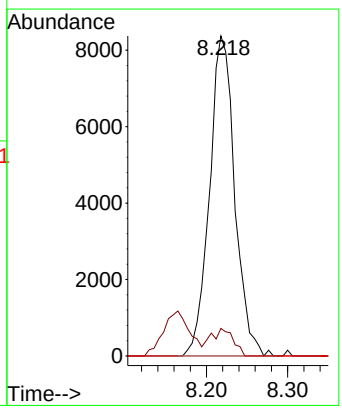


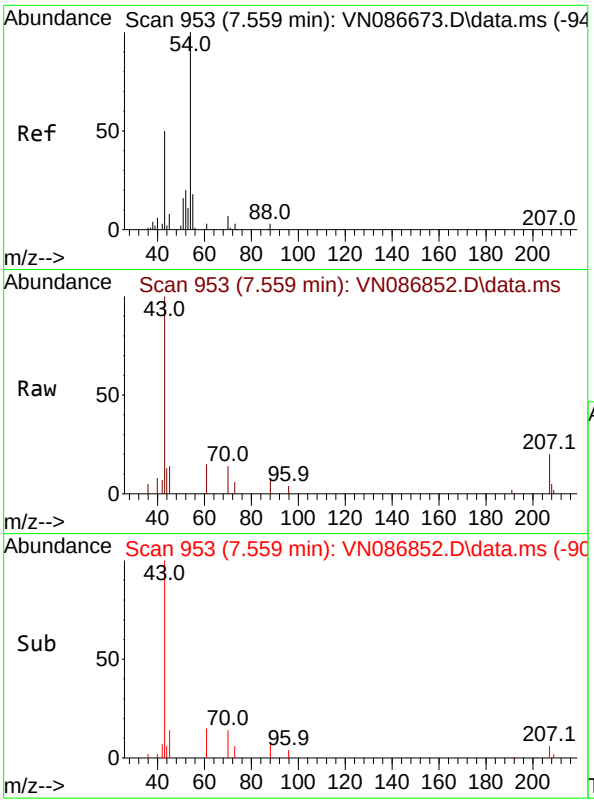


#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 75 Resp: 18091

Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.5	52.5#
77	0.0	25.1	37.7#



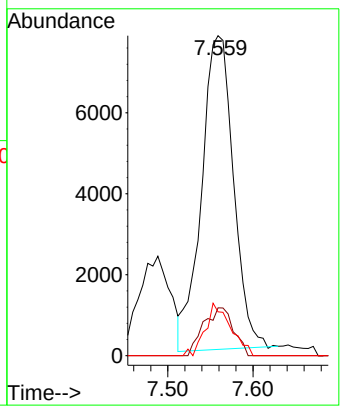


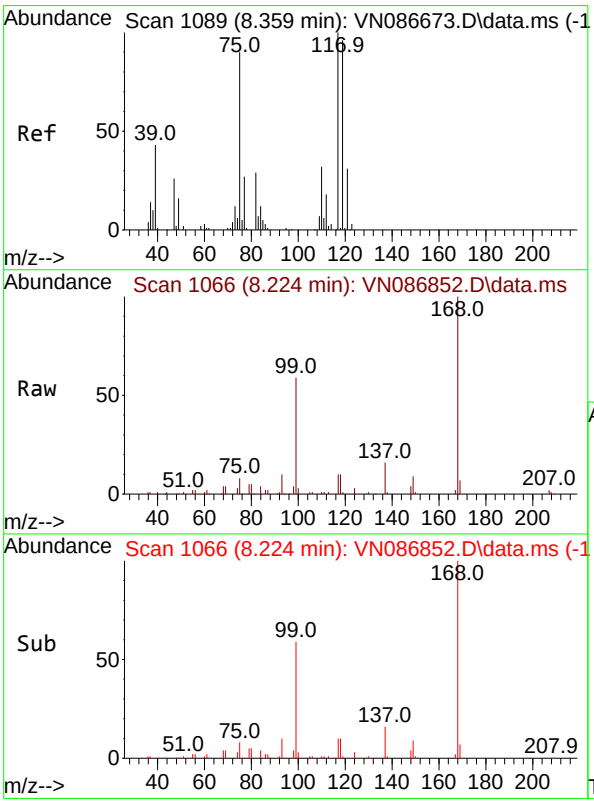
#37
Ethyl Acetate
Concen: 5.155 ug/l
RT: 7.559 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 43 Resp: 20183

Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.6	17.4
70	13.2	9.4	14.0

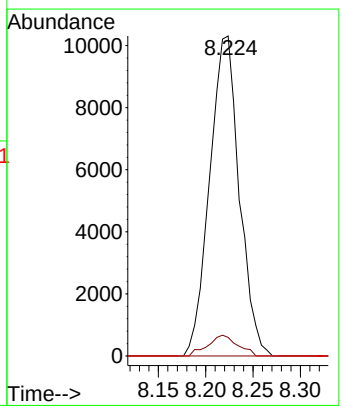


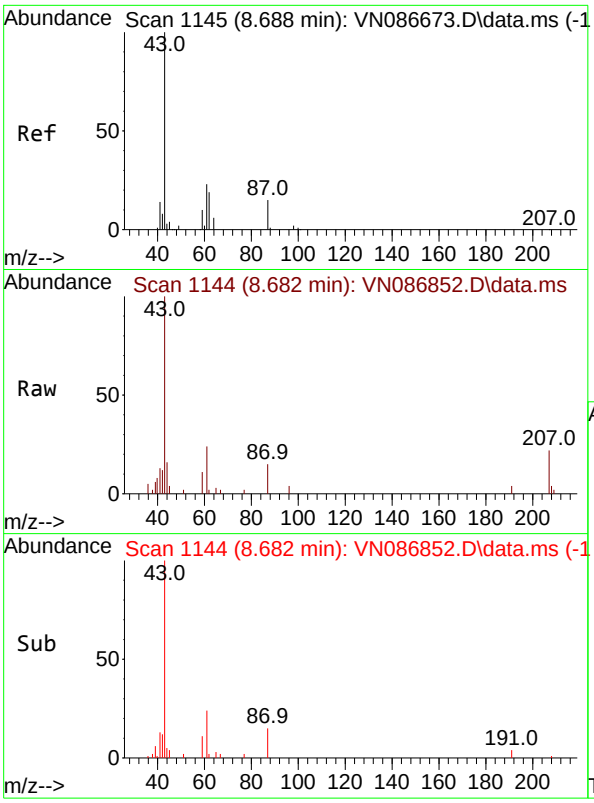


#38
Carbon Tetrachloride
Concen: 5.878 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion:117 Resp: 22448

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.0	115.6#
121	0.0	25.0	37.6#



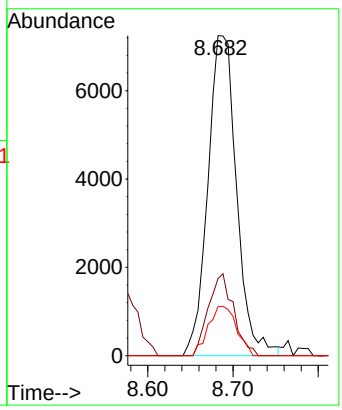


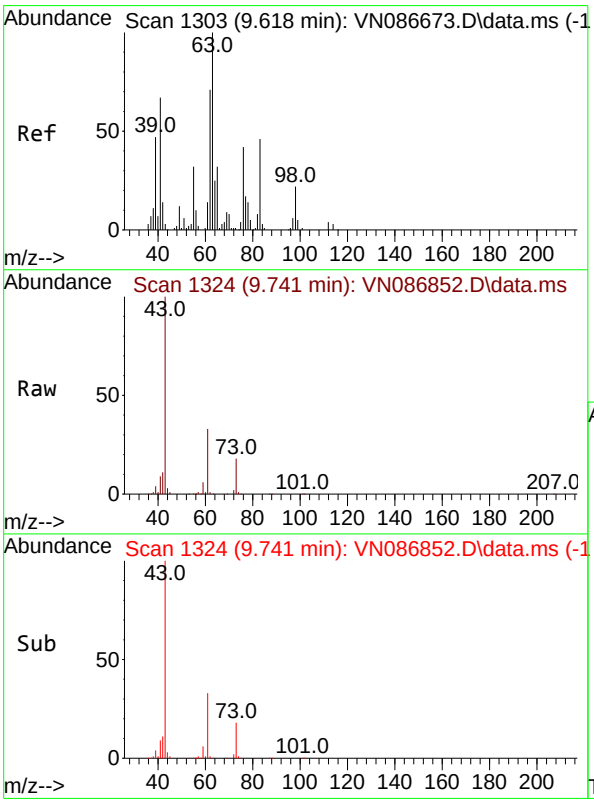
#43
Isopropyl Acetate
Concen: 2.166 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 43 Resp: 17003

Ion	Ratio	Lower	Upper
43	100		
61	22.4	21.4	32.2
87	15.1	11.1	16.7

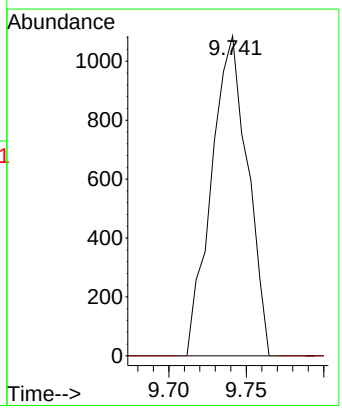


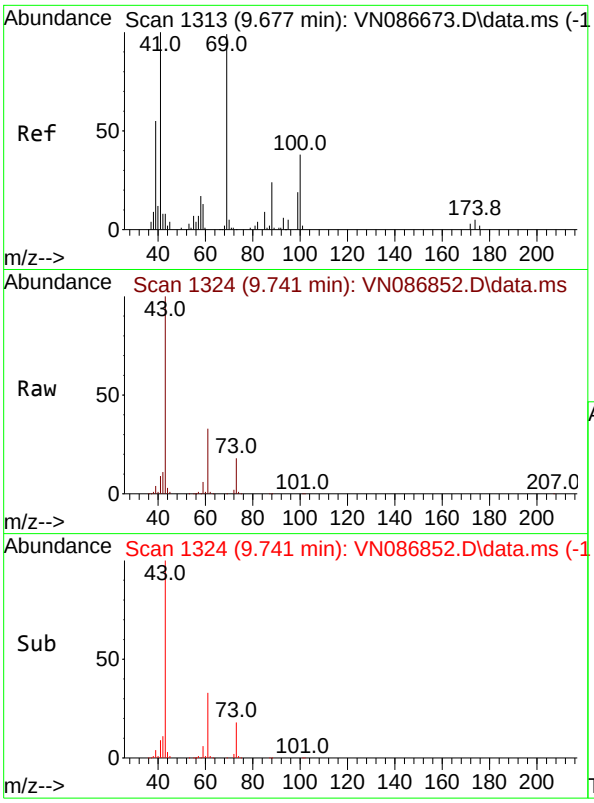


#45
1,2-Dichloropropane
Concen: 0.588 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 63 Resp: 1765

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#



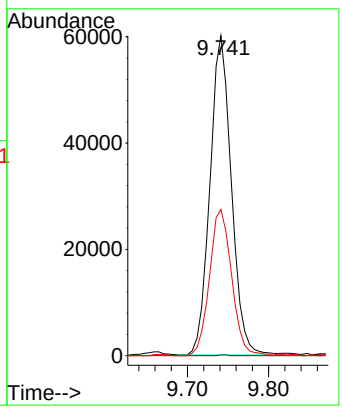


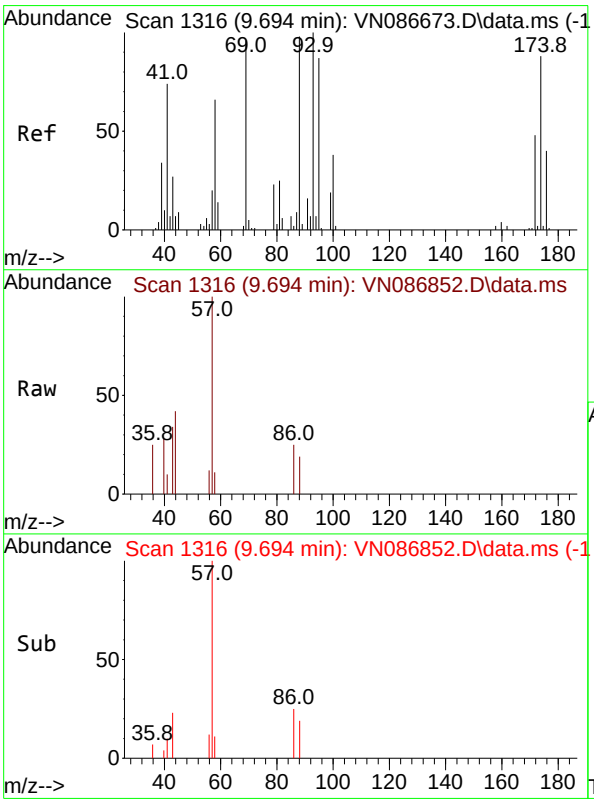
#48
Methyl methacrylate
Concen: 36.090 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.065 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 41 Resp: 109773

Ion	Ratio	Lower	Upper
41	100		
69	0.1	74.1	111.1#
39	47.7	44.1	66.1

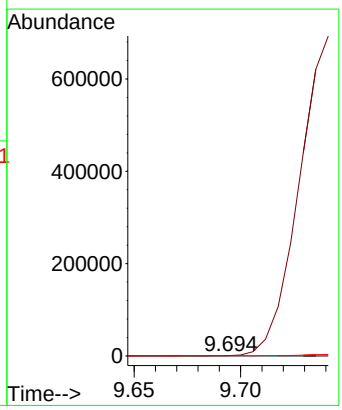


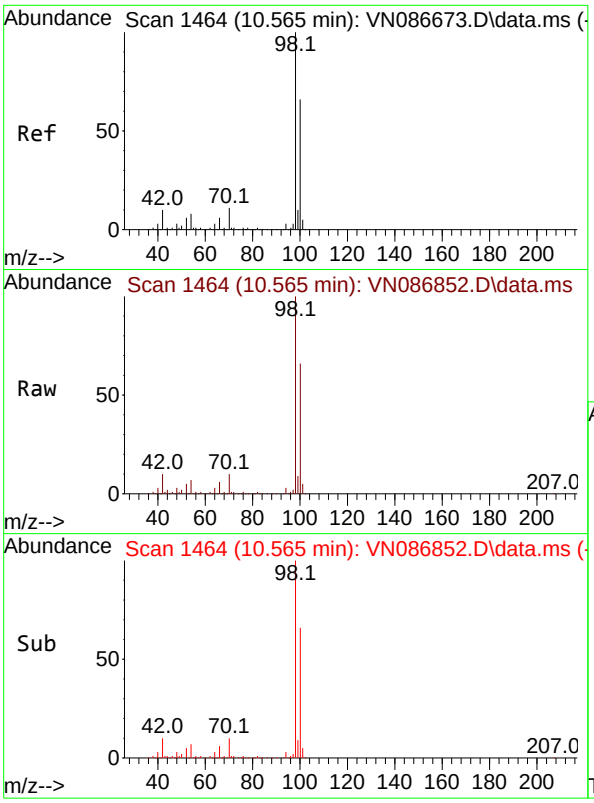


#49
1,4-Dioxane
Concen: 7.825 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 88 Resp: 504

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.6	35.4#
58	91.3	55.3	82.9#



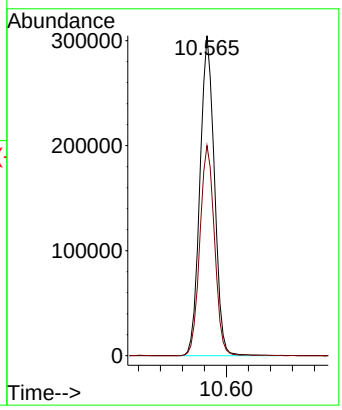


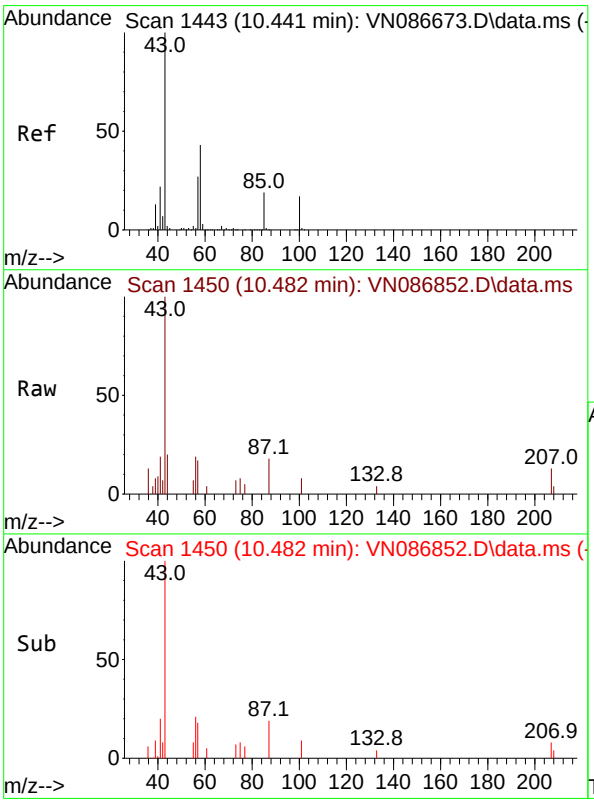
#50
Toluene-d8
Concen: 51.102 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 98 Resp: 556501

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3

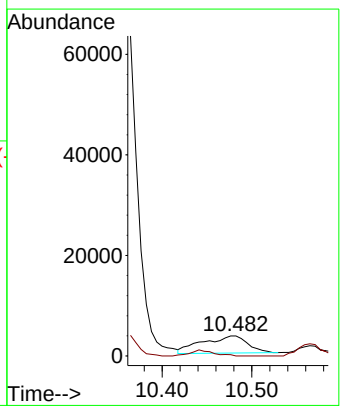


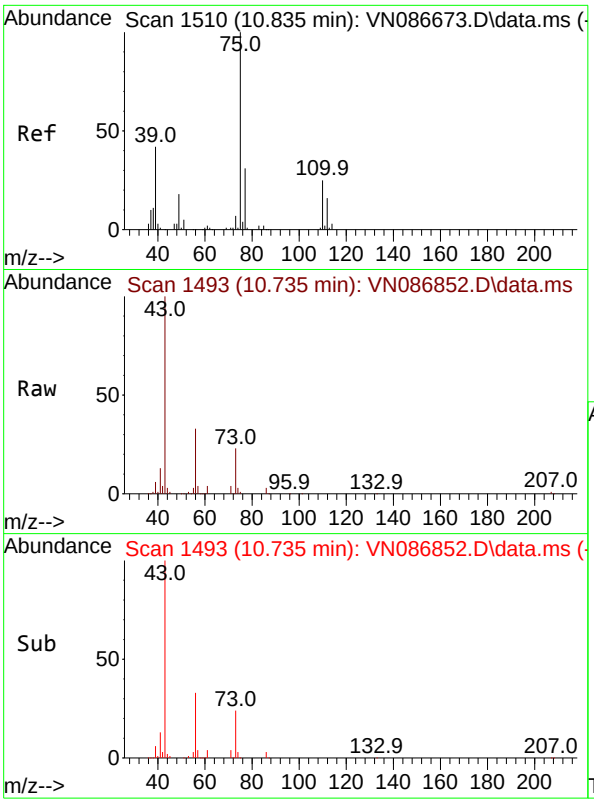


#51
4-Methyl-2-Pentanone
Concen: 3.055 ug/l
RT: 10.482 min Scan# 1450
Delta R.T. 0.041 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 43 Resp: 12094

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.9	50.9#



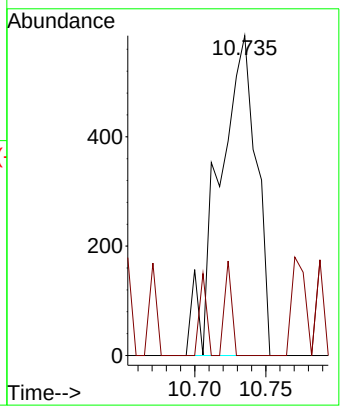


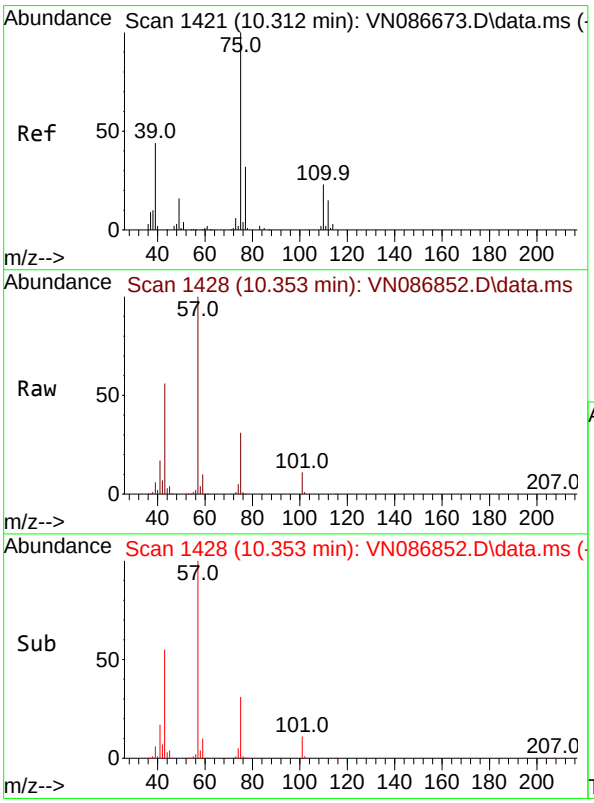
#53
t-1,3-Dichloropropene
Concen: 0.240 ug/l
RT: 10.735 min Scan# 14
Delta R.T. -0.100 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 75 Resp: 1061

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#

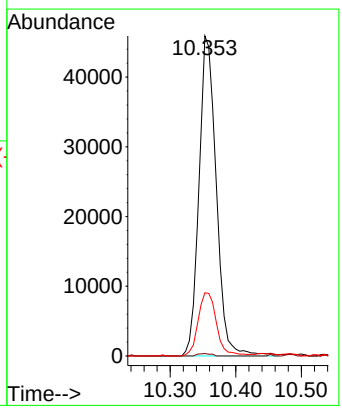


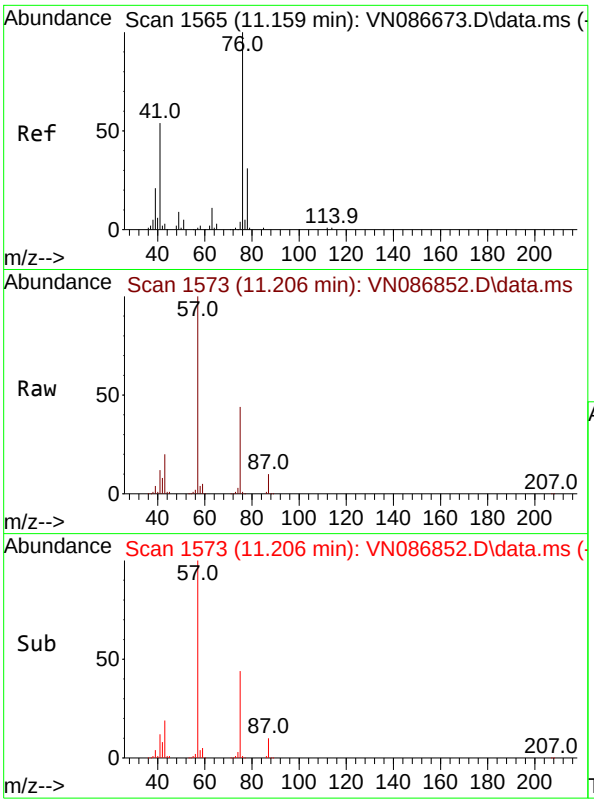


#54
cis-1,3-Dichloropropene
Concen: 17.476 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.041 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 75 Resp: 84356

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.3	37.9#
39	19.7	35.2	52.8#



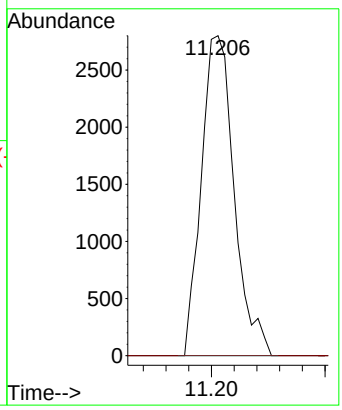


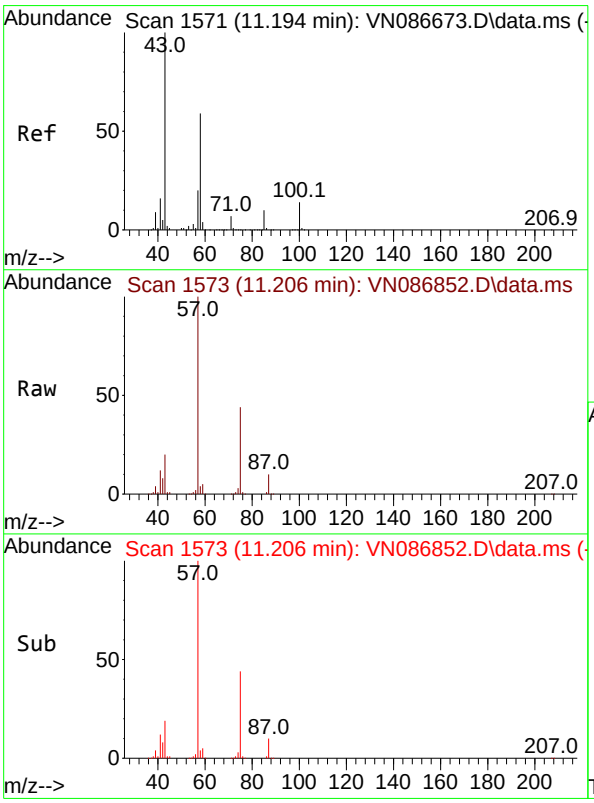
#57
1,3-Dichloropropane
Concen: 1.112 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 76 Resp: 5616

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

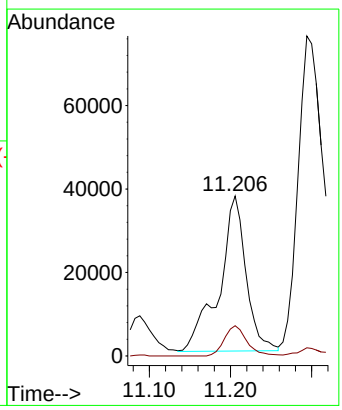


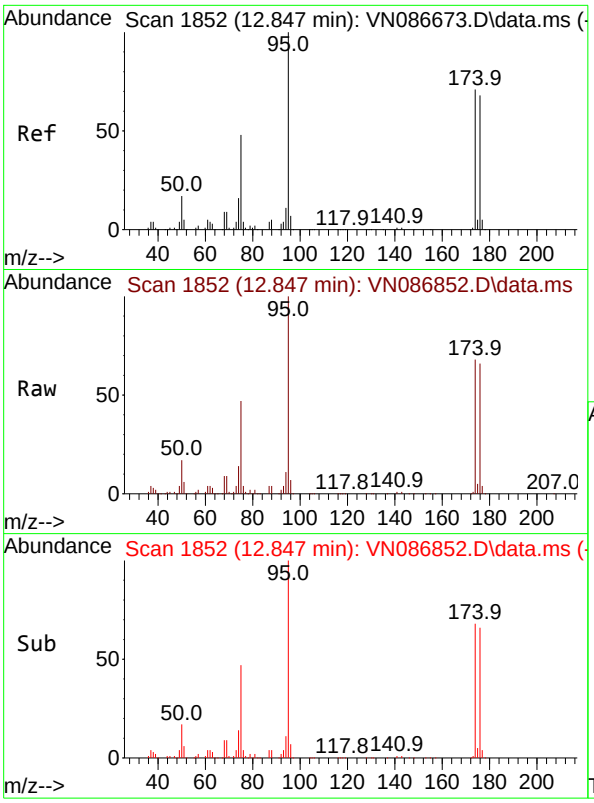


#59
2-Hexanone
Concen: 29.687 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 43 Resp: 85814

Ion	Ratio	Lower	Upper
43	100		
58	16.4	29.8	89.5#



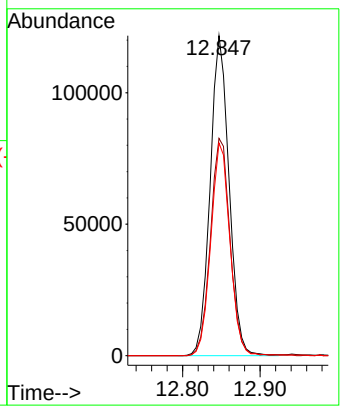


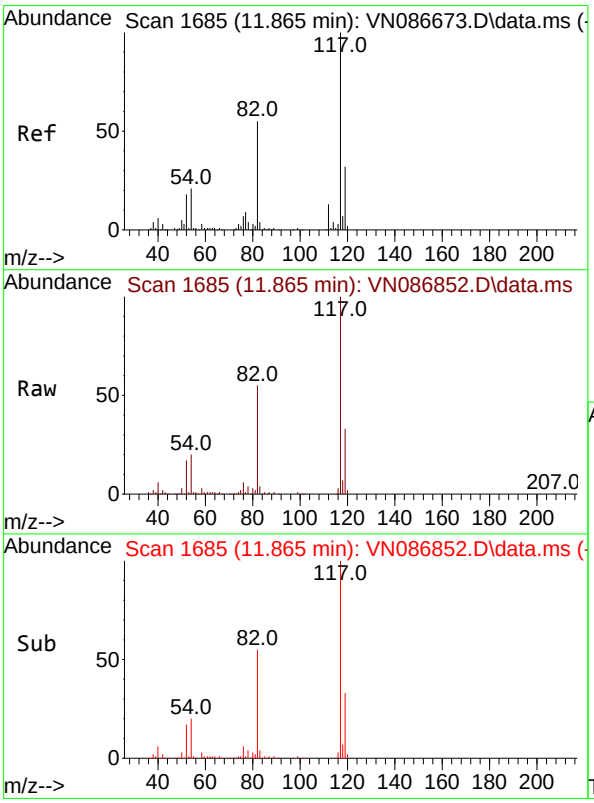
#62
4-Bromofluorobenzene
Concen: 53.635 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 95 Resp: 206238

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	145.4
176	67.4	0.0	137.8

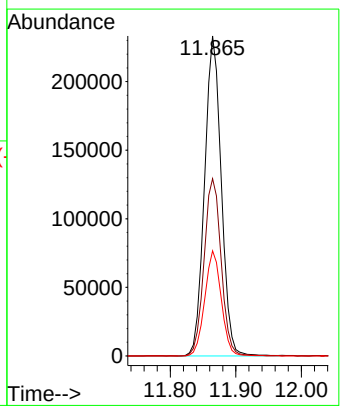


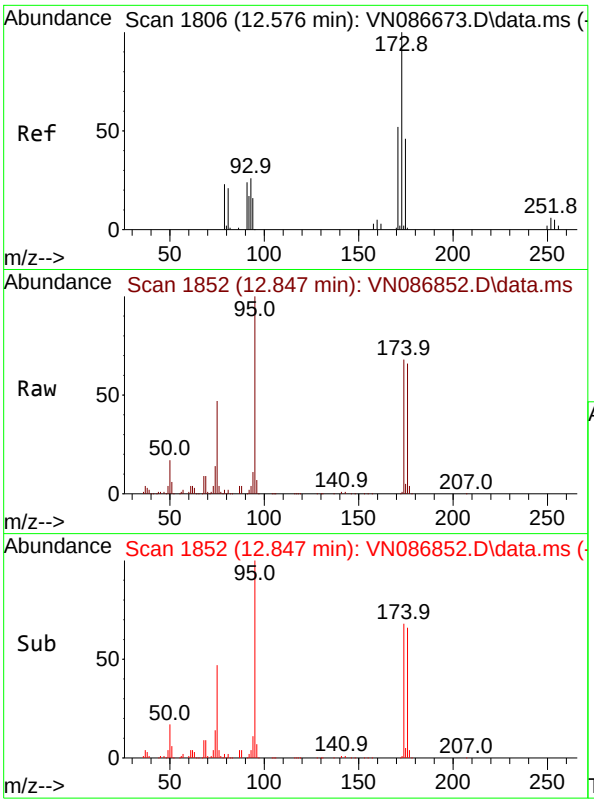


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion:117 Resp: 414229

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.9	25.4	38.2



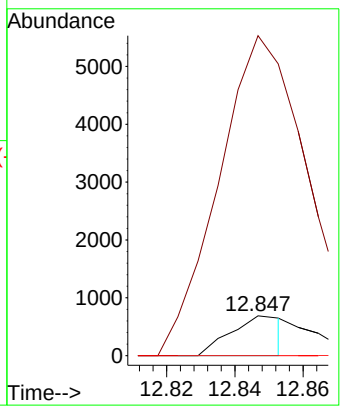


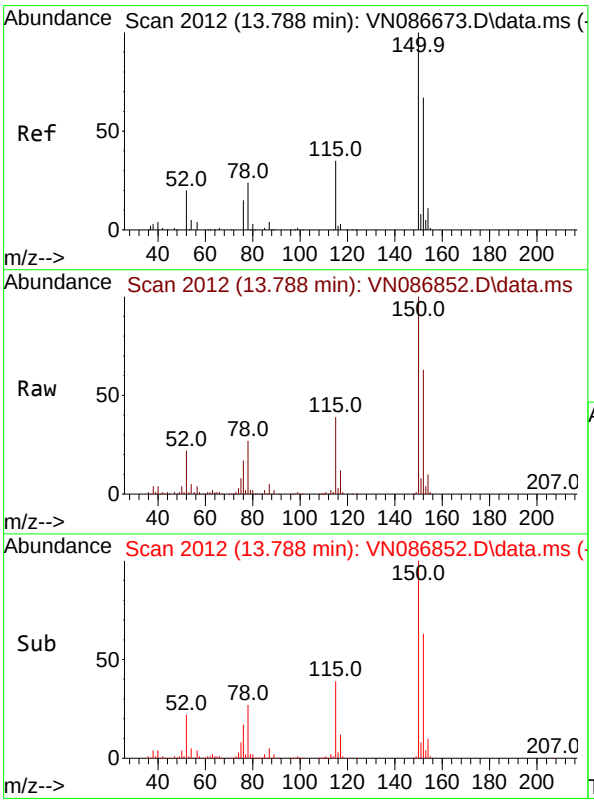
#71
Bromoform
Concen: 0.353 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.270 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion:173 Resp: 737

Ion	Ratio	Lower	Upper
173	100		
175	977.9	23.4	70.2#
254	0.0	0.0	0.0

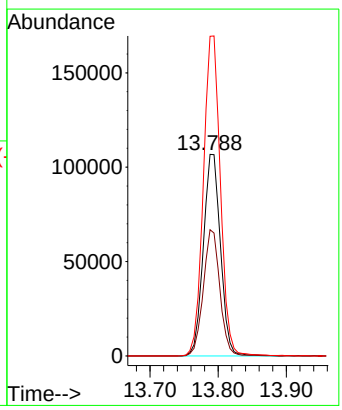


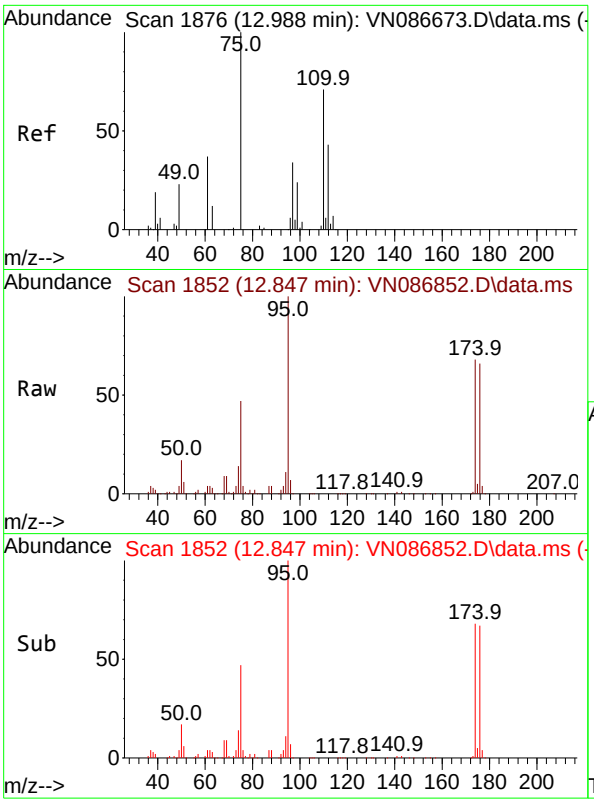


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion:152 Resp: 186632

Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.0	90.1
150	158.1	0.0	347.8



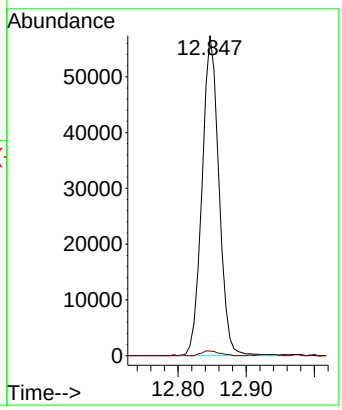


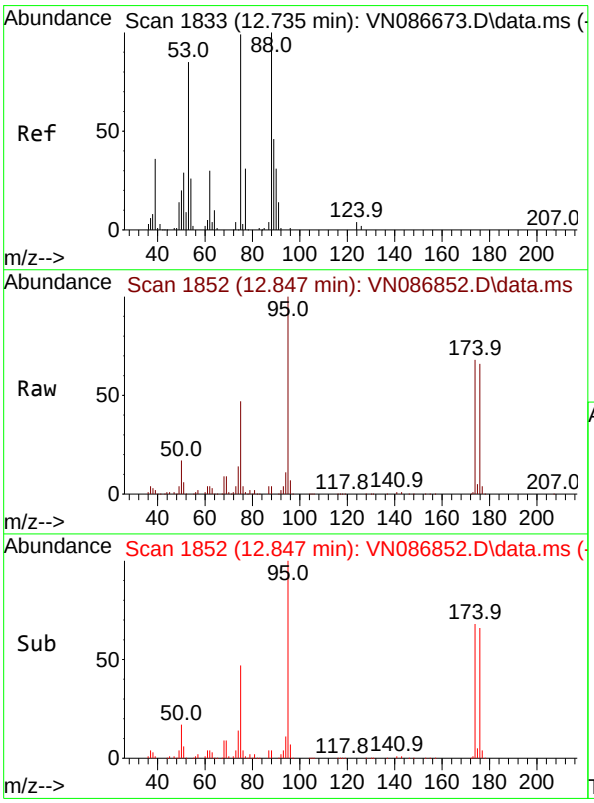
#76
1,2,3-Trichloropropane
Concen: 23.441 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 75 Resp: 98943

Ion	Ratio	Lower	Upper
75	100		
77	1.6	96.0	288.1#

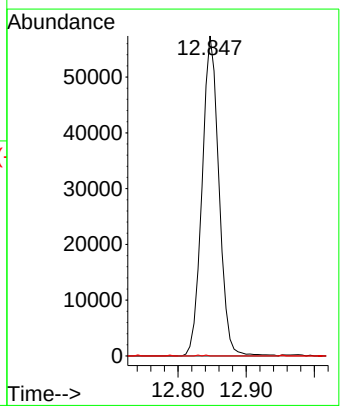


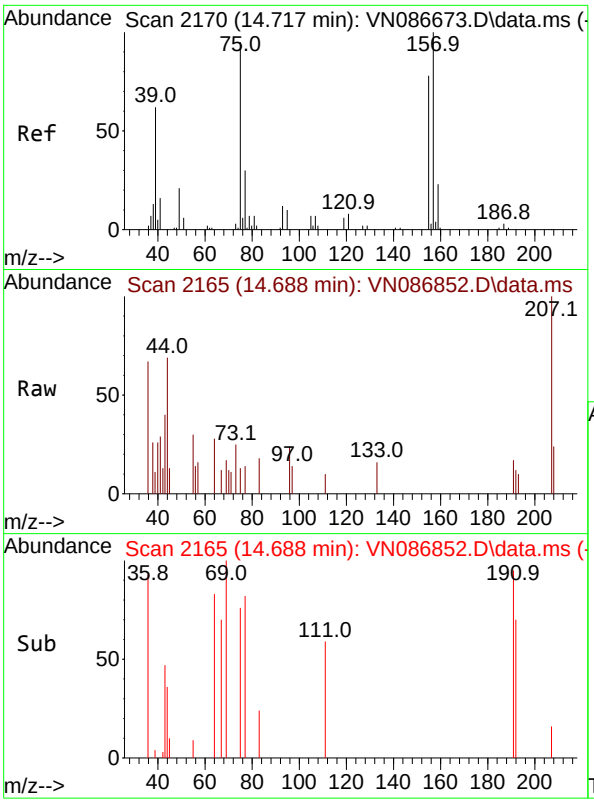


#81
trans-1,4-Dichloro-2-butene
Concen: 59.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Tgt Ion: 75 Resp: 98943

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.1	32.4	48.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.249 ug/l
RT: 14.688 min Scan# 2
Delta R.T. -0.030 min
Lab File: VN086852.D
Acq: 03 Jun 2025 18:59

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#13

Tgt Ion: 75 Resp: 183

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.5	121.5#
157	0.0	53.6	160.8#