Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086849.D
Acq On : 03 Jun 2025 17:46
Operator : JC\MD
Sample : PB168225ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Quant Time: Jun 04 02:03:17 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	8.218	168	221182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	426089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153603	50.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.520%			
35) Dibromofluoromethane	8.165	113	130684	51.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	10.565	98	534005	50.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.847	95	192371	51.810	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.620%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	17679	4.893	ug/l	97
5) Bromomethane	2.989	94	647	0.346	ug/l #	13
8) Diethyl Ether	3.953	74	435	0.272	ug/l	90
11) Tert butyl alcohol	5.518	59	168	0.302	ug/l #	73
13) Acrolein	4.159	56	457	0.768	ug/l	86
16) Acetone	4.418	43	37192	32.531	ug/l	97
18) Methyl Acetate	5.012	43	29791	9.310	ug/l	99
20) Methylene Chloride	5.271	84	6782	2.248	ug/l	94
25) 2-Butanone	7.488	43	7697	4.357	ug/l	99
29) Tetrahydrofuran	7.847	42	1073	0.931	ug/l #	54
31) Cyclohexane	8.218	56	4133	0.901	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	18007	4.811	ug/l #	48
37) Ethyl Acetate	7.559	43	19950	5.276	ug/l	96
38) Carbon Tetrachloride	8.218	117	22235	6.029	ug/l #	15
43) Isopropyl Acetate	8.688	43	17136	2.261	ug/l	93
45) 1,2-Dichloropropane	9.741	63	1762	0.607	ug/l #	42
48) Methyl methacrylate	9.741	41	110737	37.703	ug/l #	35
49) 1,4-Dioxane	9.700	88	216	3.473	ug/l #	24
51) 4-Methyl-2-Pentanone	10.471	43	11514	3.012	ug/l #	33
53) t-1,3-Dichloropropene	10.729	75	1087	0.255	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	86108	18.474	ug/l #	56
57) 1,3-Dichloropropane	11.206	76	5484	1.124	ug/l #	42
59) 2-Hexanone	11.206	43	87301	31.276	ug/l #	43
71) Bromoform	12.847	173	592	0.301	ug/l #	1
74) N-amyl acetate	12.323	43	18056	3.432	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	91357	24.773	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91357	62.519	ug/l #	15

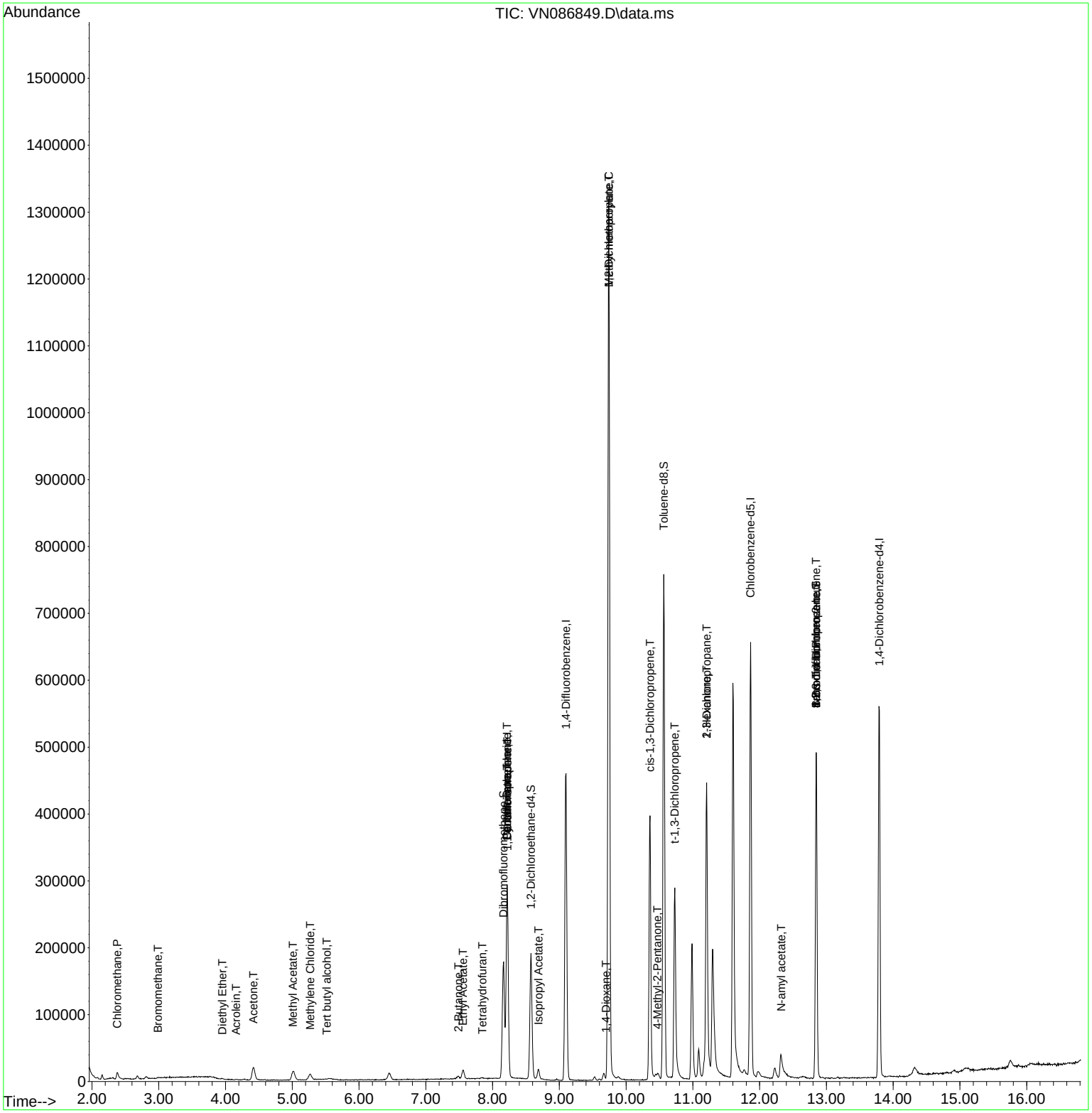
(#) = qualifier out of range (m) = manual integration (+) = signals summed

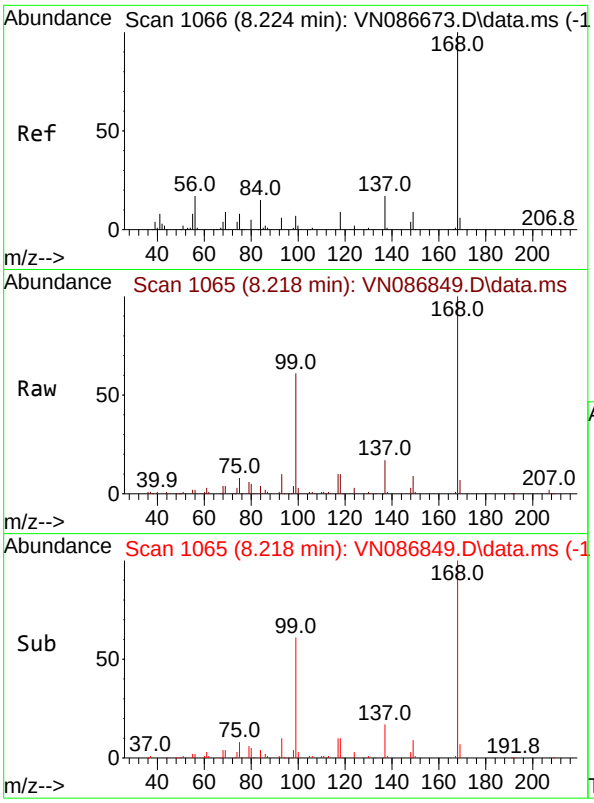
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086849.D
Acq On : 03 Jun 2025 17:46
Operator : JC\MD
Sample : PB168225ZHE#10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Quant Time: Jun 04 02:03:17 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



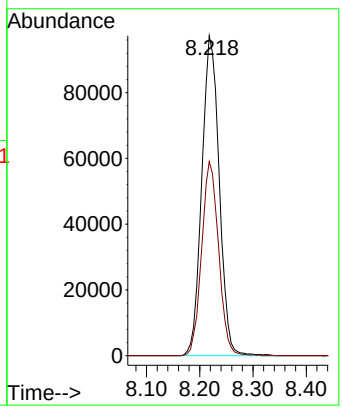


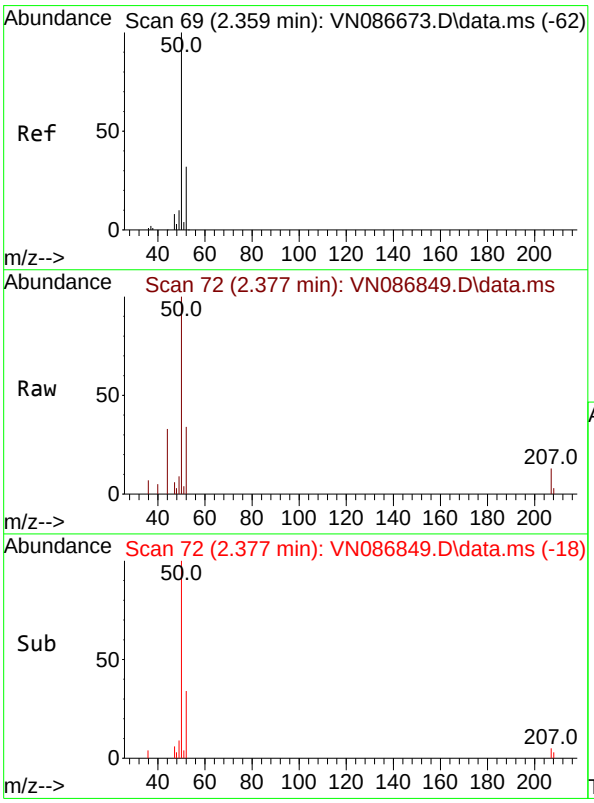
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion:168 Resp: 221182

Ion	Ratio	Lower	Upper
168	100		
99	60.7	47.0	70.4

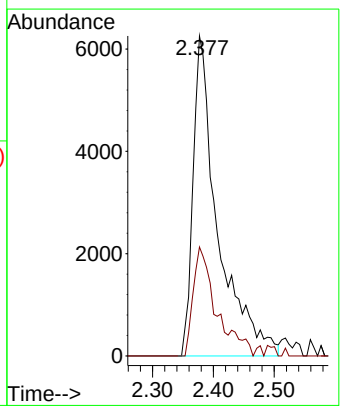


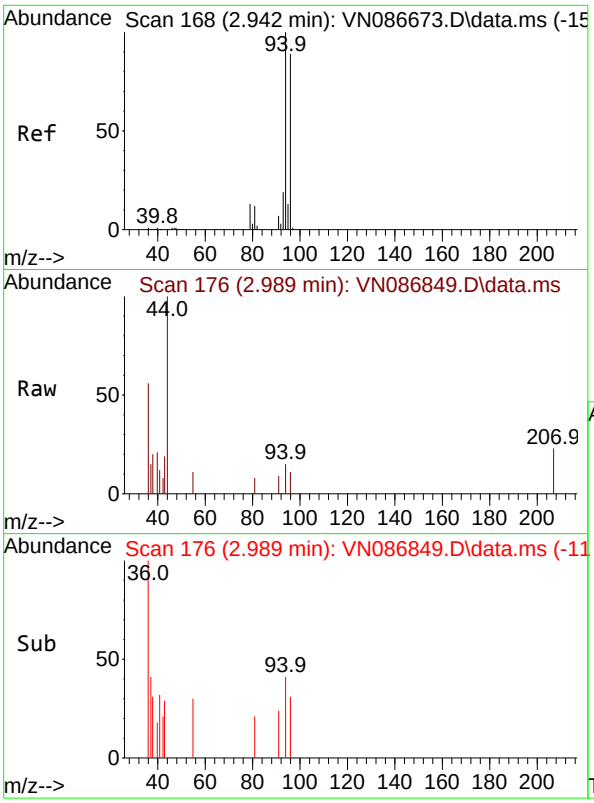


#3
Chloromethane
Concen: 4.893 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.018 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 50 Resp: 17679

Ion	Ratio	Lower	Upper
50	100		
52	34.0	25.9	38.9



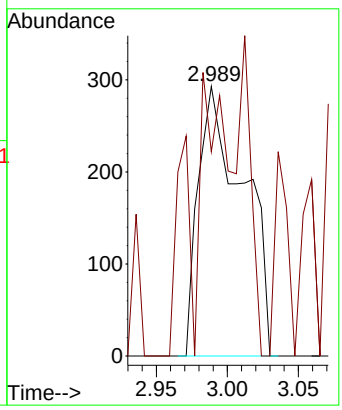


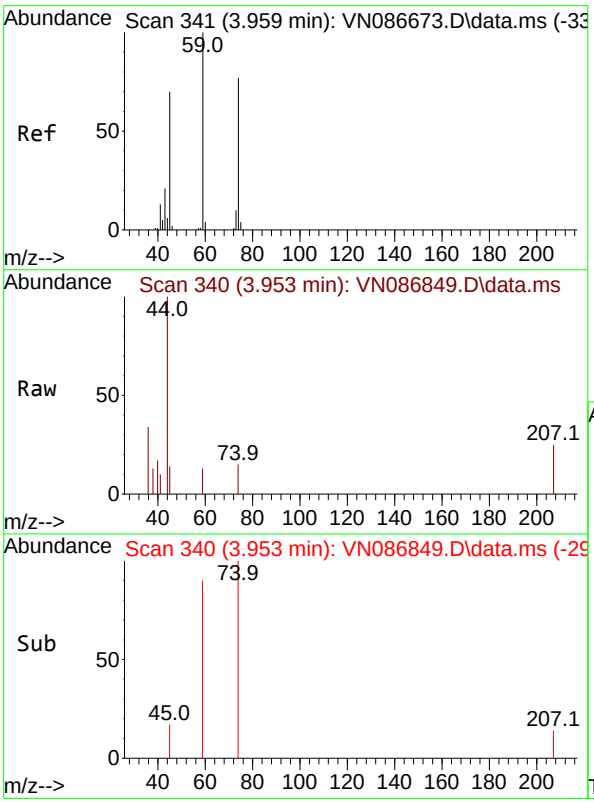
#5
Bromomethane
Concen: 0.346 ug/l
RT: 2.989 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 94 Resp: 647

Ion	Ratio	Lower	Upper
94	100		
96	7.5	71.2	106.8#

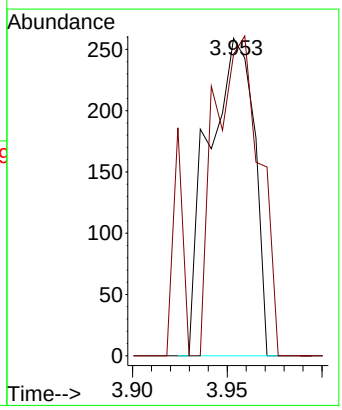


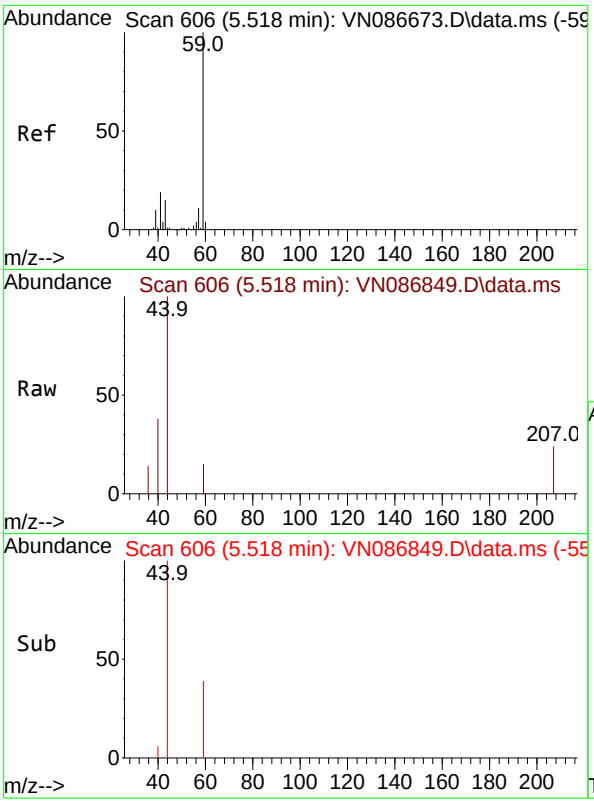


#8
Diethyl Ether
Concen: 0.272 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 74 Resp: 435

Ion	Ratio	Lower	Upper
74	100		
45	99.3	45.0	135.0



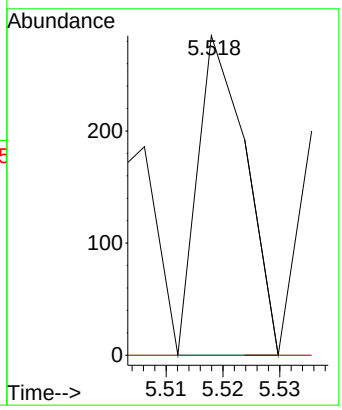


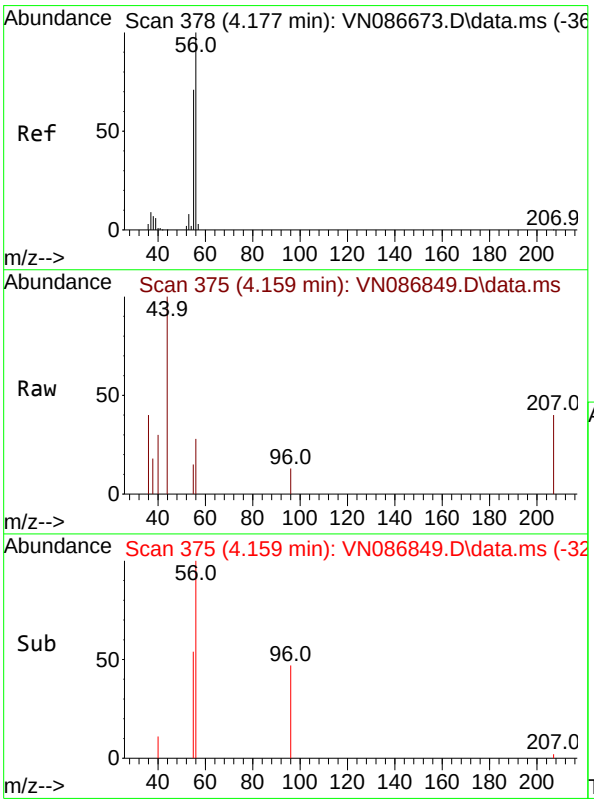
#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 5.518 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 59 Resp: 168

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

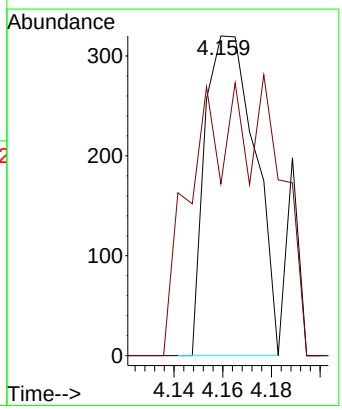


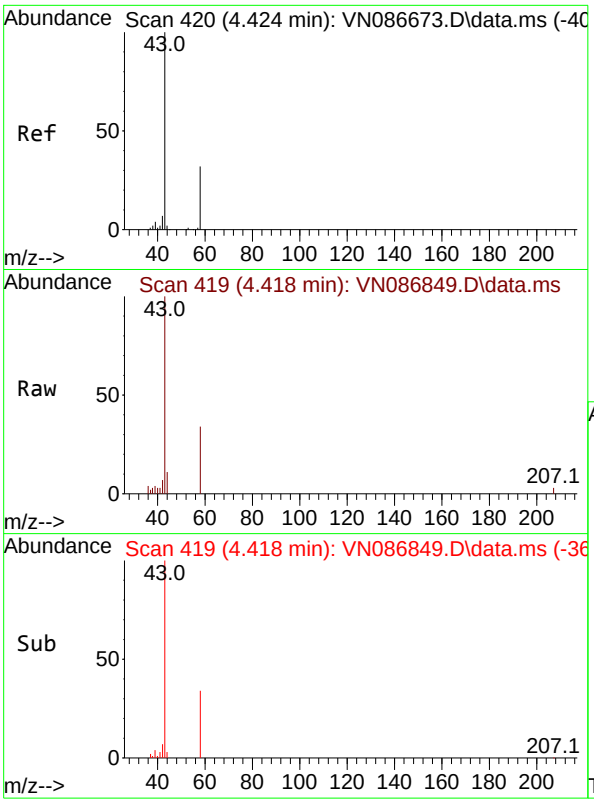


#13
Acrolein
Concen: 0.768 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.018 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 56 Resp: 457

Ion	Ratio	Lower	Upper
56	100		
55	58.4	55.7	83.5



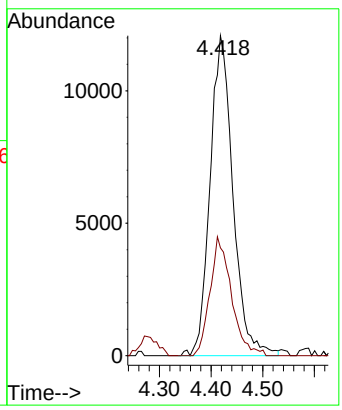


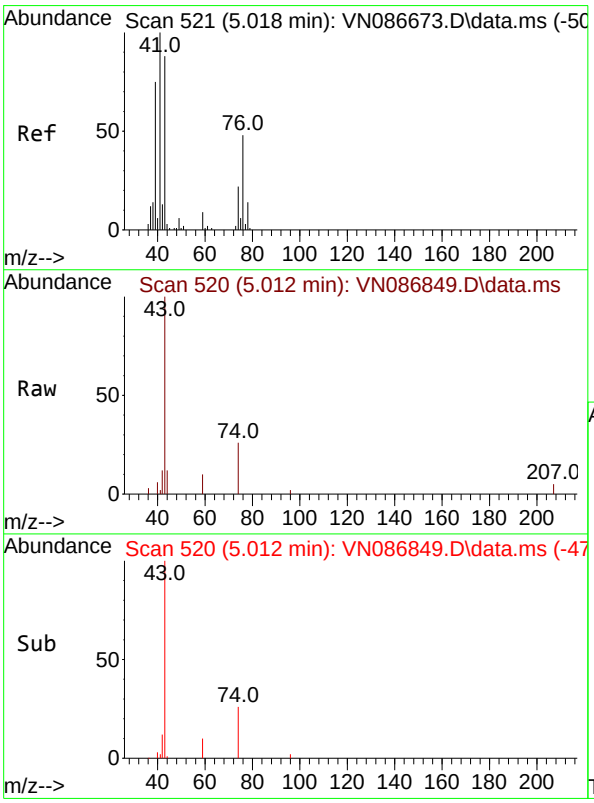
#16
Acetone
Concen: 32.531 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 43 Resp: 37192

Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.8	38.6

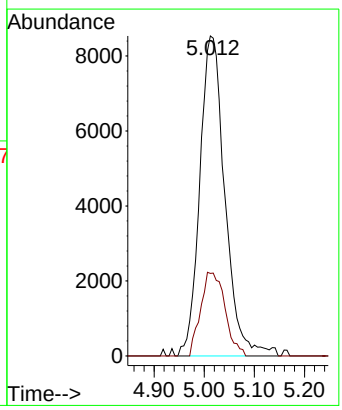


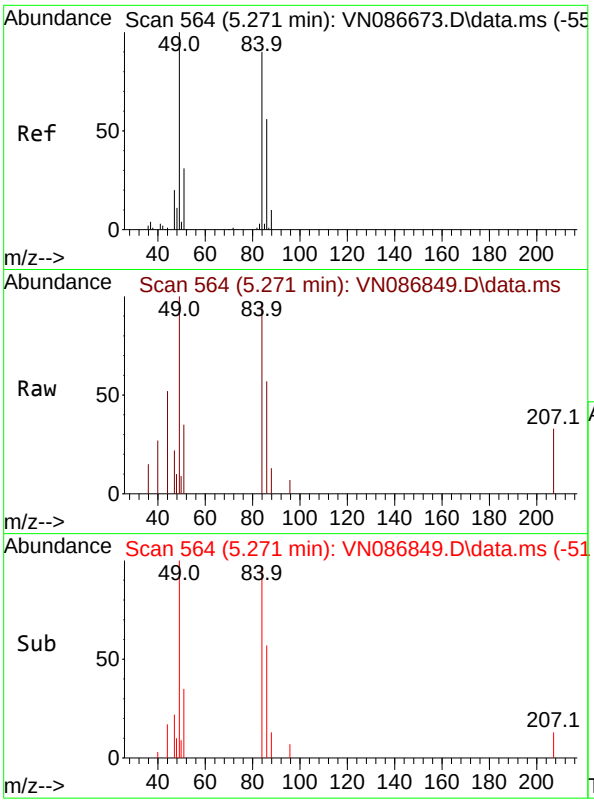


#18
Methyl Acetate
Concen: 9.310 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 43 Resp: 29791

Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.5	30.7



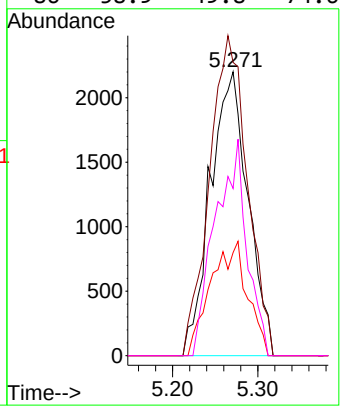


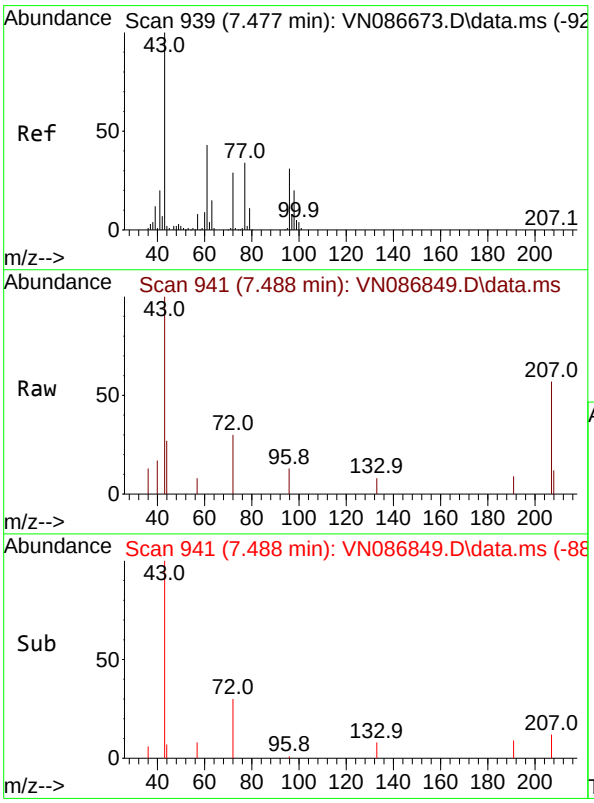
#20
Methylene Chloride
Concen: 2.248 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 84 Resp: 6782

Ion	Ratio	Lower	Upper
84	100		
49	103.3	88.8	133.2
51	36.3	27.8	41.6
86	58.9	49.8	74.6

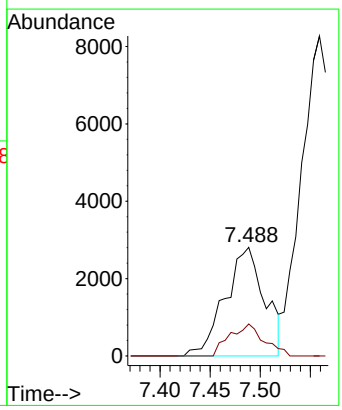


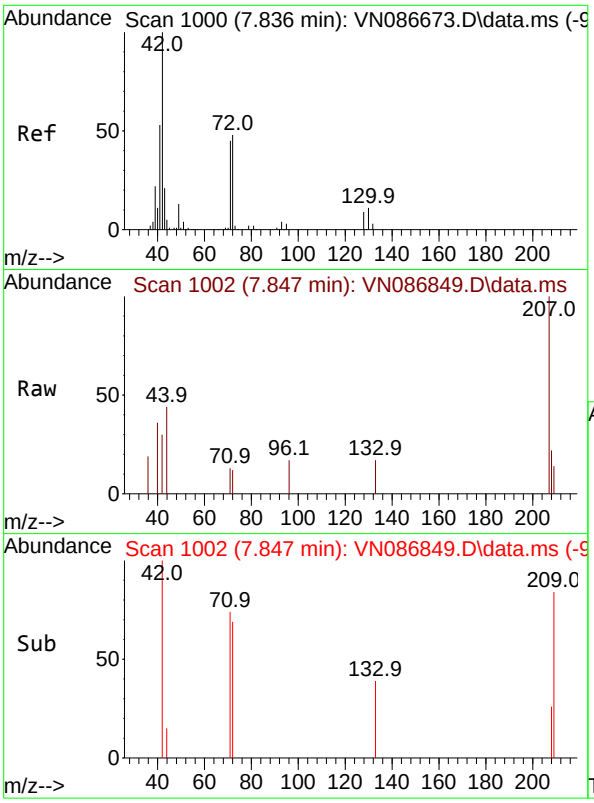


#25
2-Butanone
Concen: 4.357 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 43 Resp: 7697

Ion	Ratio	Lower	Upper
43	100		
72	29.5	23.1	34.7



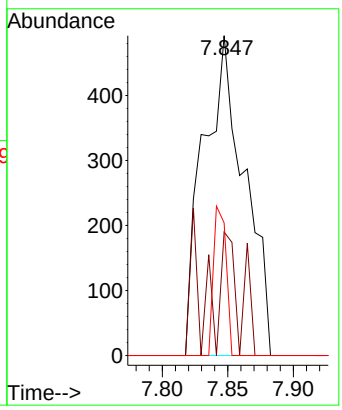


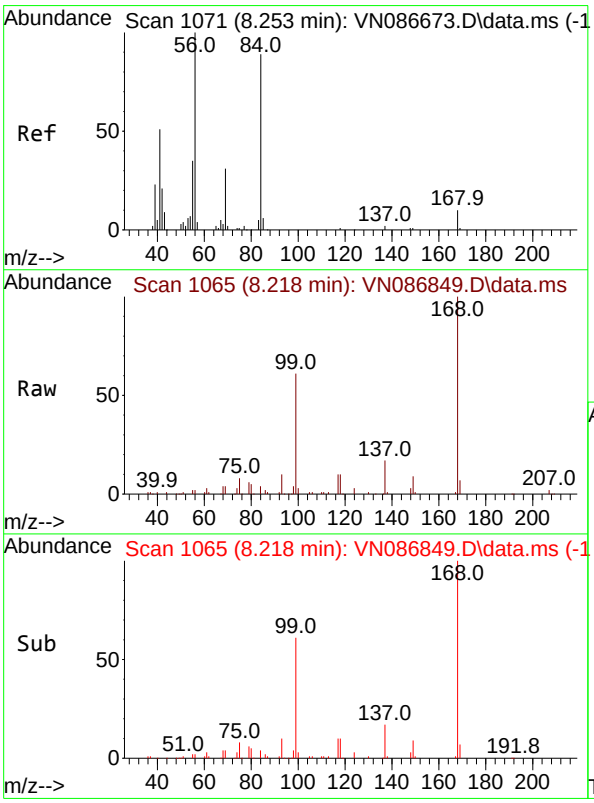
#29
Tetrahydrofuran
Concen: 0.931 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 42 Resp: 1073

Ion	Ratio	Lower	Upper
42	100		
72	17.6	38.7	58.1#
71	14.3	36.2	54.4#

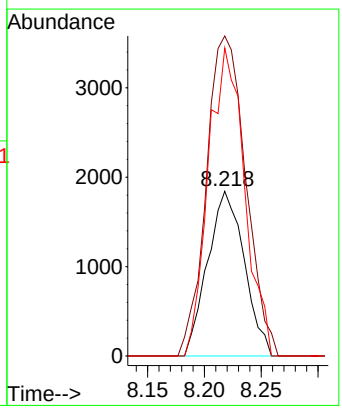


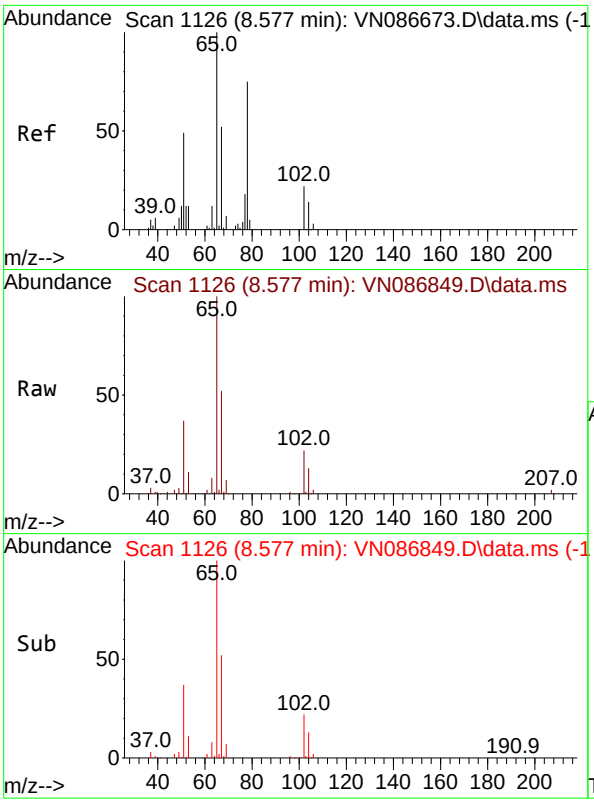


#31
Cyclohexane
Concen: 0.901 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 56 Resp: 4133

Ion	Ratio	Lower	Upper
56	100		
69	194.2	25.0	37.6#
84	187.0	71.0	106.4#



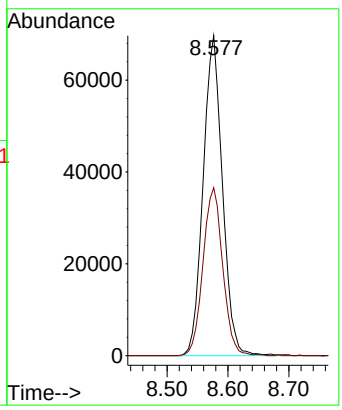


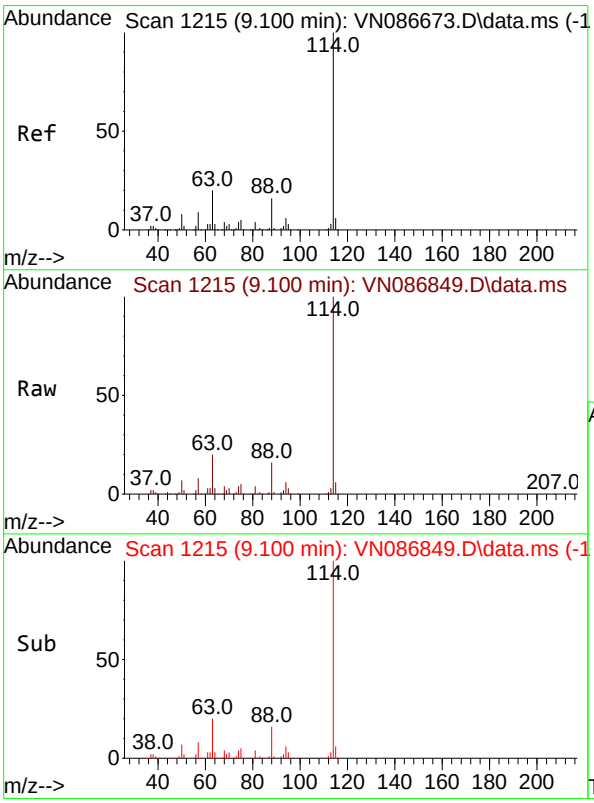
#33
1,2-Dichloroethane-d4
Concen: 50.257 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 65 Resp: 153603

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.4

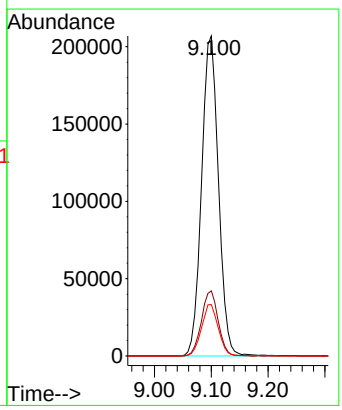


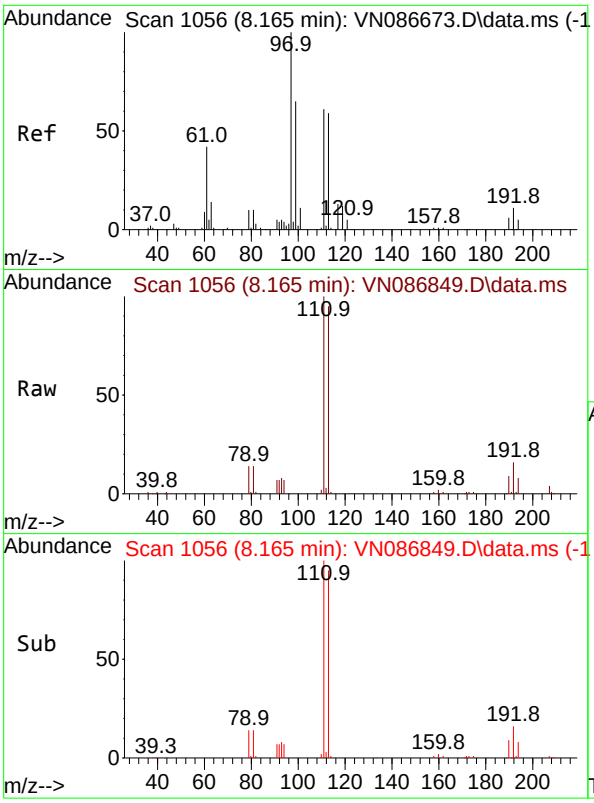


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion:114 Resp: 426089

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	16.1	0.0	31.2



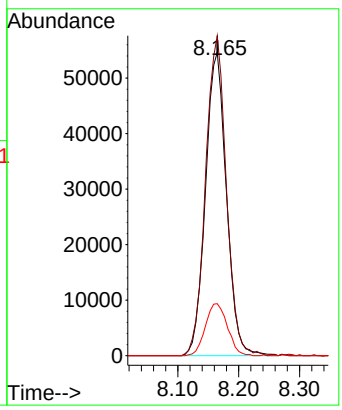


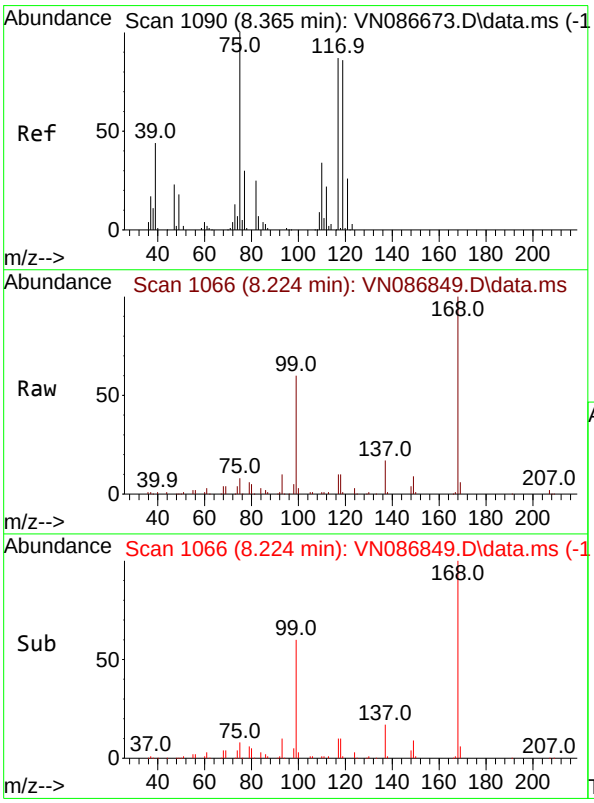
#35
Dibromofluoromethane
Concen: 51.500 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion:113 Resp: 130684

Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.2
192	18.1	13.8	20.8

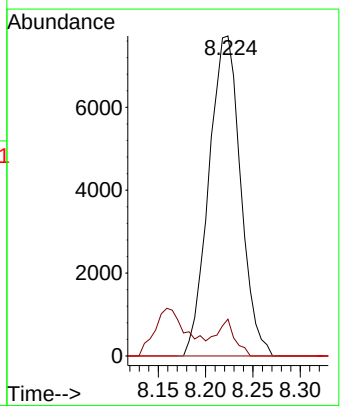


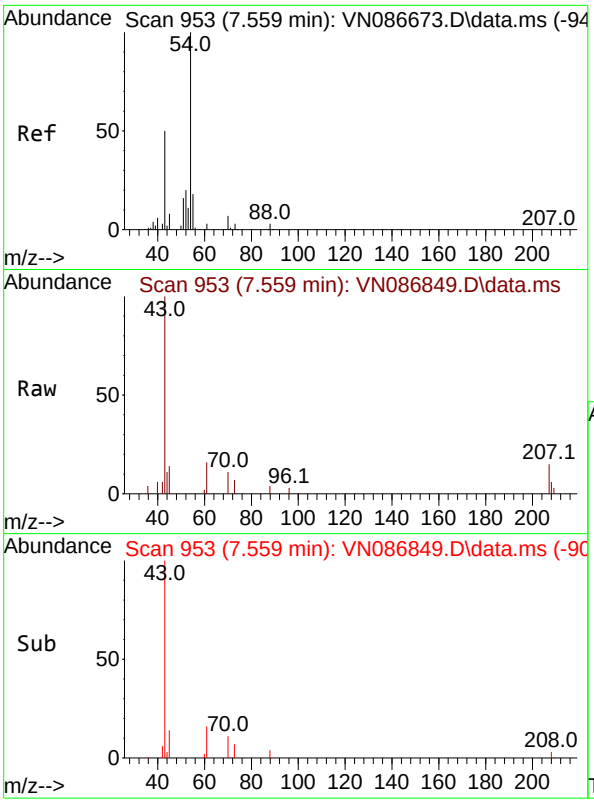


#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 75 Resp: 18007

Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.5	52.5#
77	0.0	25.1	37.7#



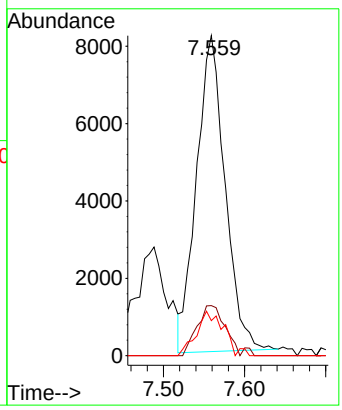


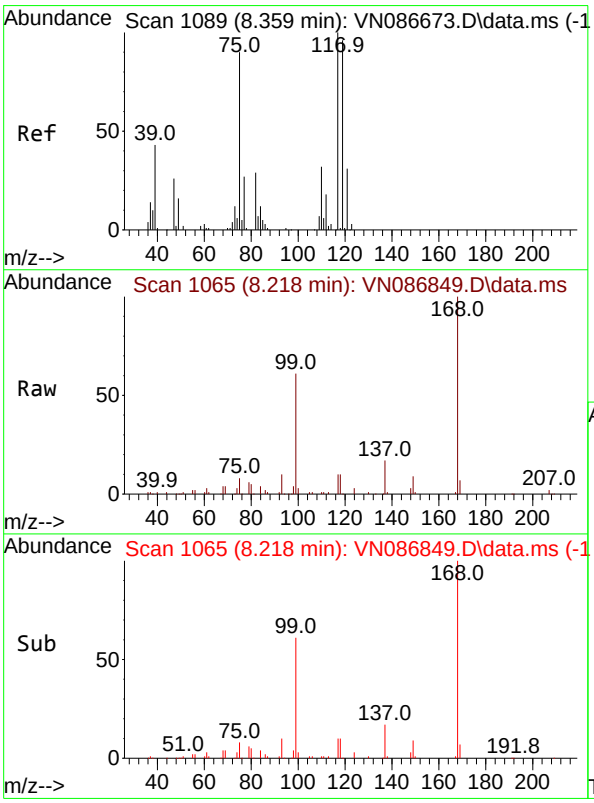
#37
Ethyl Acetate
Concen: 5.276 ug/l
RT: 7.559 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 43 Resp: 19950

Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.6	17.4
70	13.6	9.4	14.0

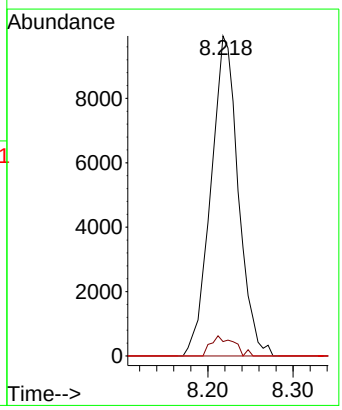


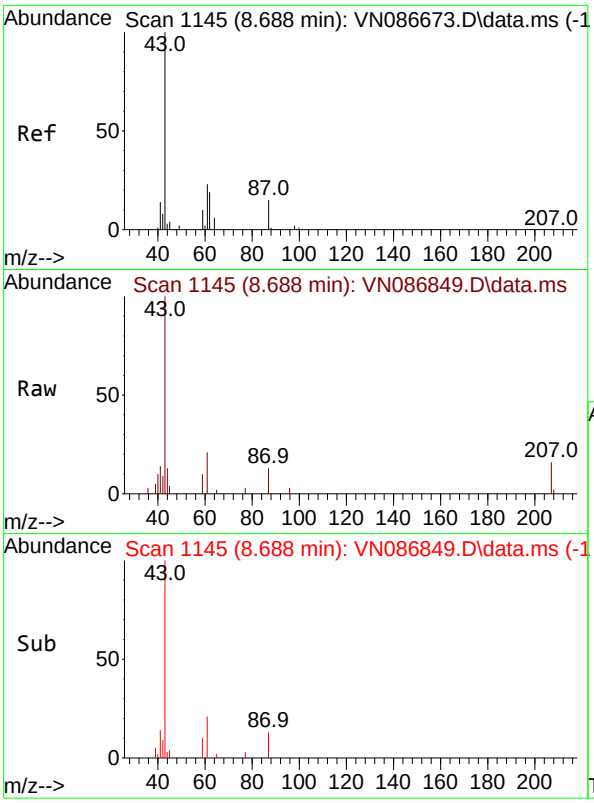


#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion:117 Resp: 22235

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.0	115.6#
121	0.0	25.0	37.6#



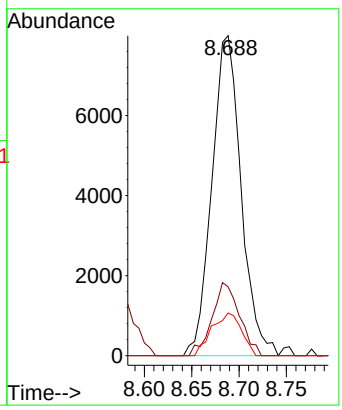


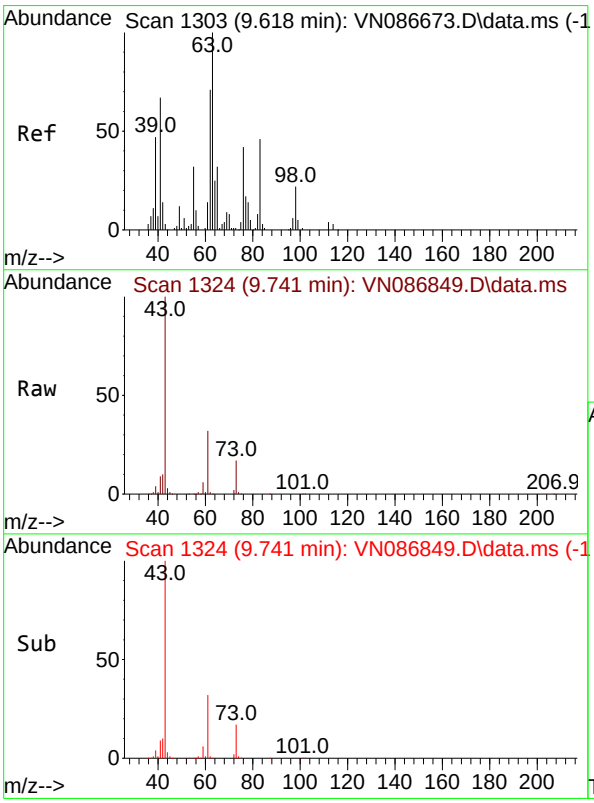
#43
Isopropyl Acetate
Concen: 2.261 ug/l
RT: 8.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 43 Resp: 17136

Ion	Ratio	Lower	Upper
43	100		
61	21.4	21.4	32.2
87	13.5	11.1	16.7

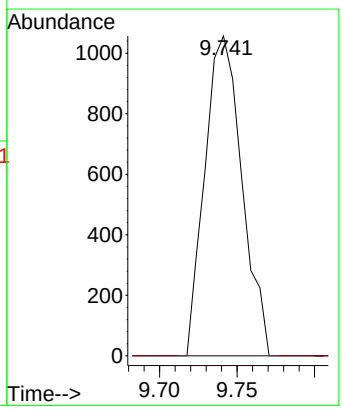


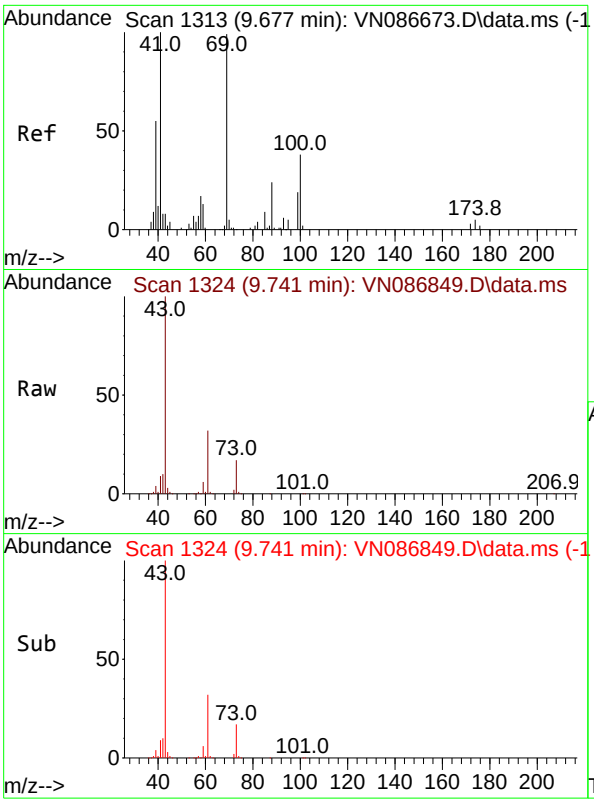


#45
1,2-Dichloropropane
Concen: 0.607 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 63 Resp: 1762

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#



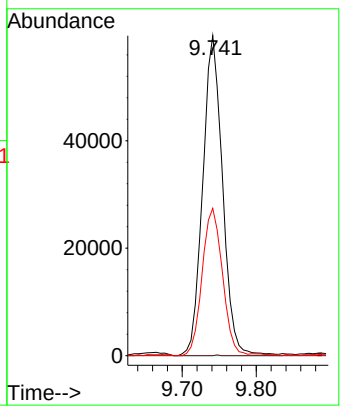


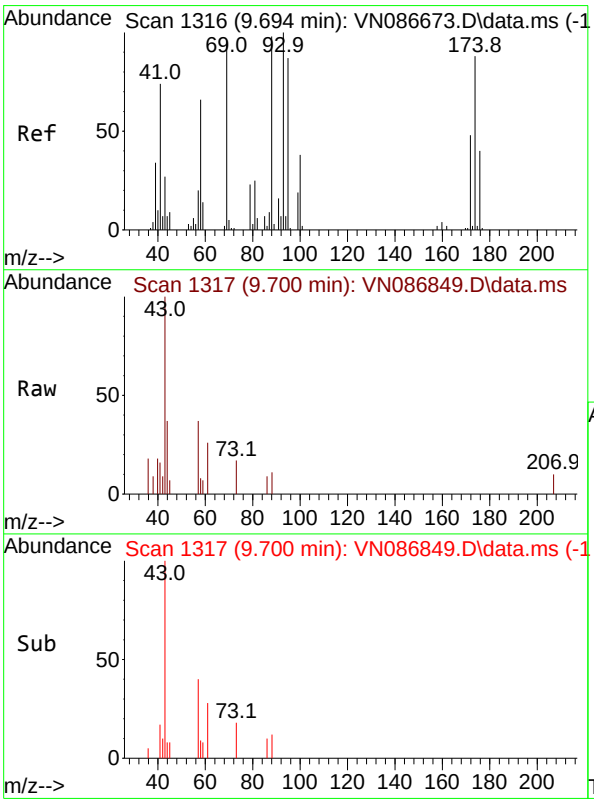
#48
Methyl methacrylate
Concen: 37.703 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.065 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 41 Resp: 110737

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.1	111.1#
39	47.5	44.1	66.1

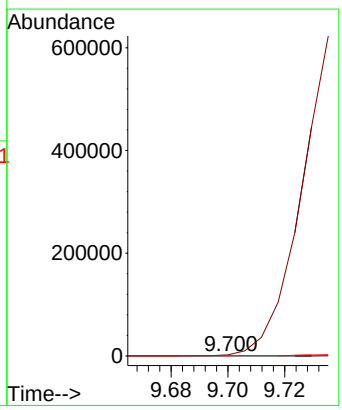


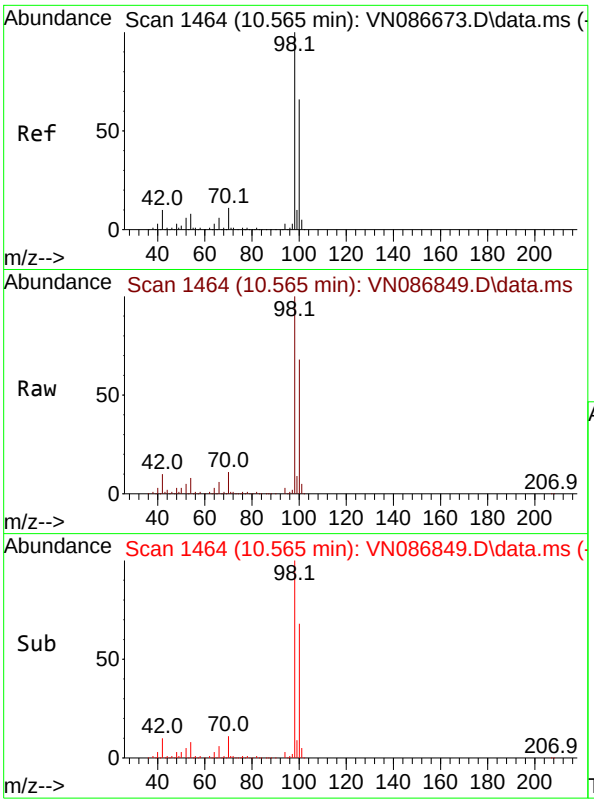


#49
1,4-Dioxane
Concen: 3.473 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 88 Resp: 216

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



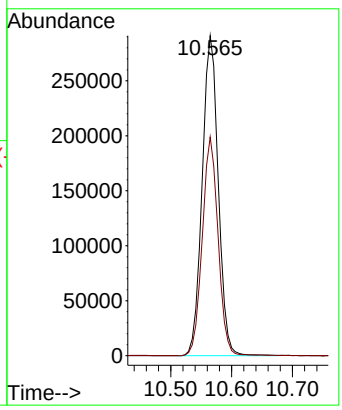


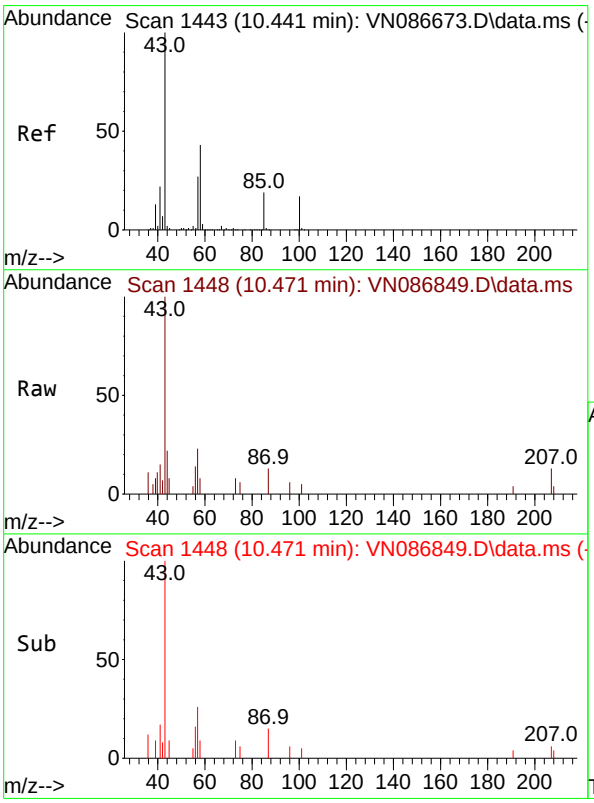
#50
Toluene-d8
Concen: 50.782 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 98 Resp: 534005

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.9	79.3

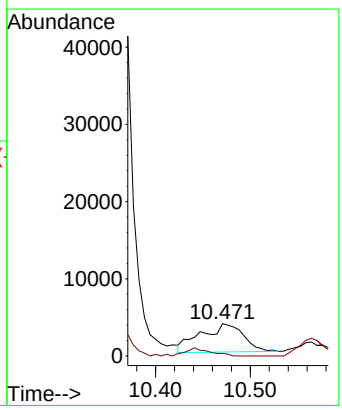


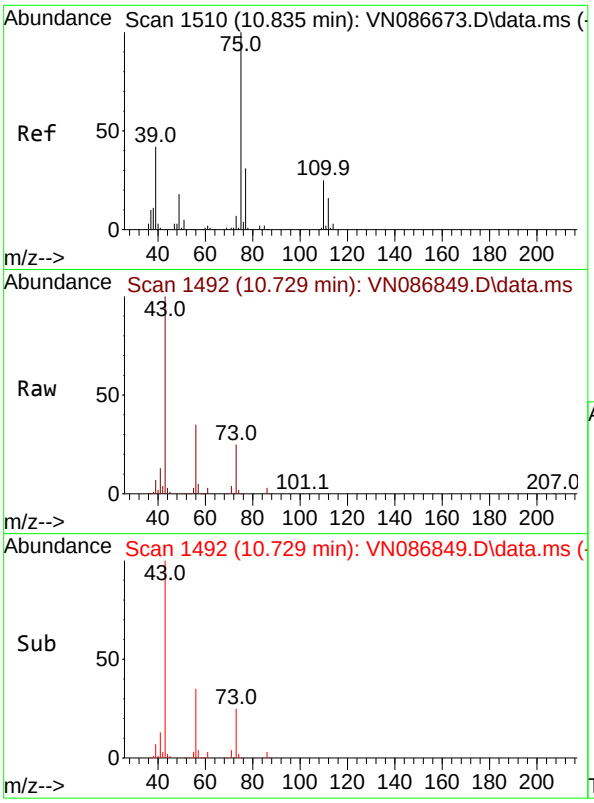


#51
4-Methyl-2-Pentanone
Concen: 3.012 ug/l
RT: 10.471 min Scan# 1448
Delta R.T. 0.029 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 43 Resp: 11514

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.9	50.9#



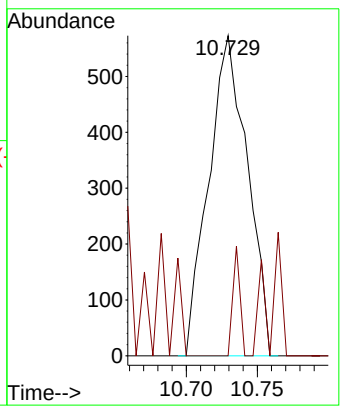


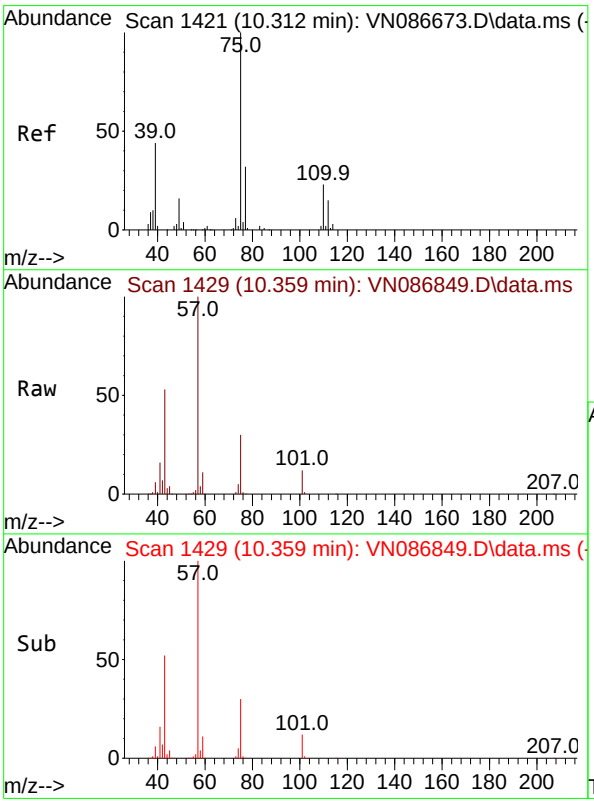
#53
t-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 75 Resp: 1087

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#

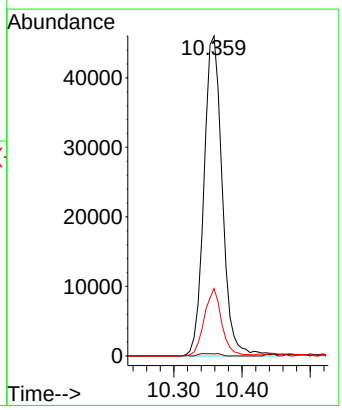


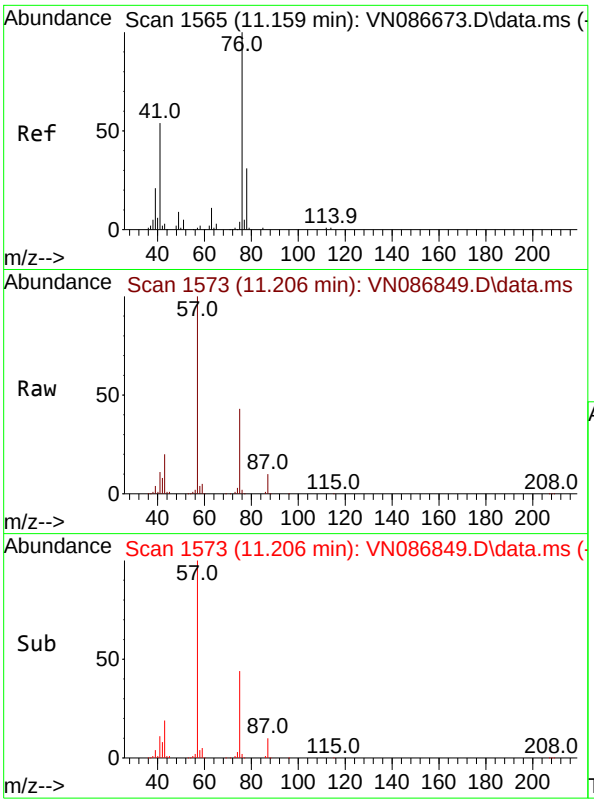


#54
cis-1,3-Dichloropropene
Concen: 18.474 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 75 Resp: 86108

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	21.1	35.2	52.8#



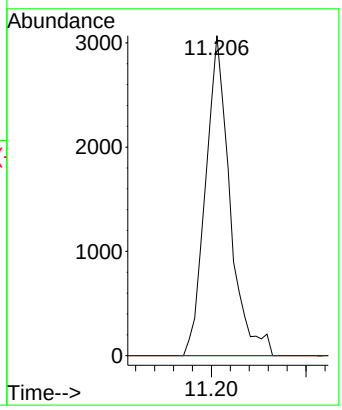


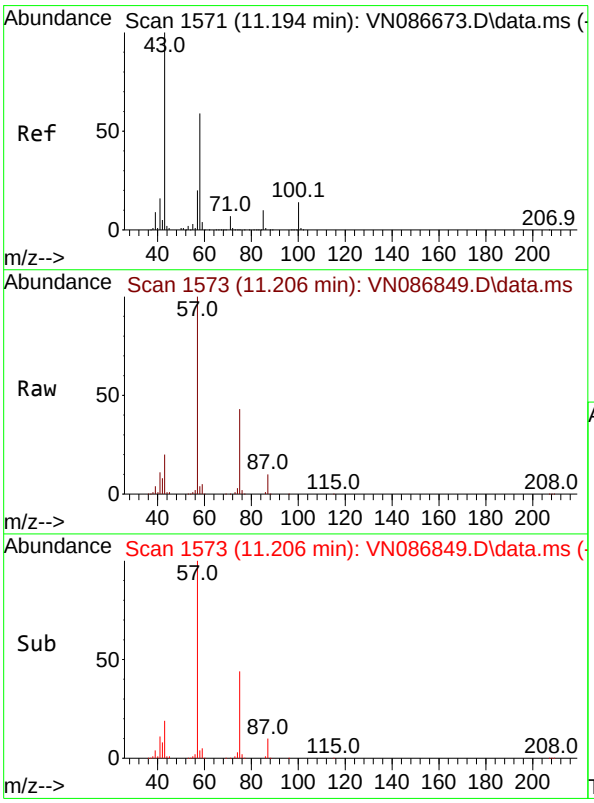
#57
1,3-Dichloropropane
Concen: 1.124 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 76 Resp: 5484

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

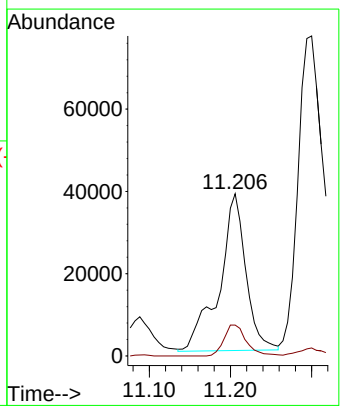


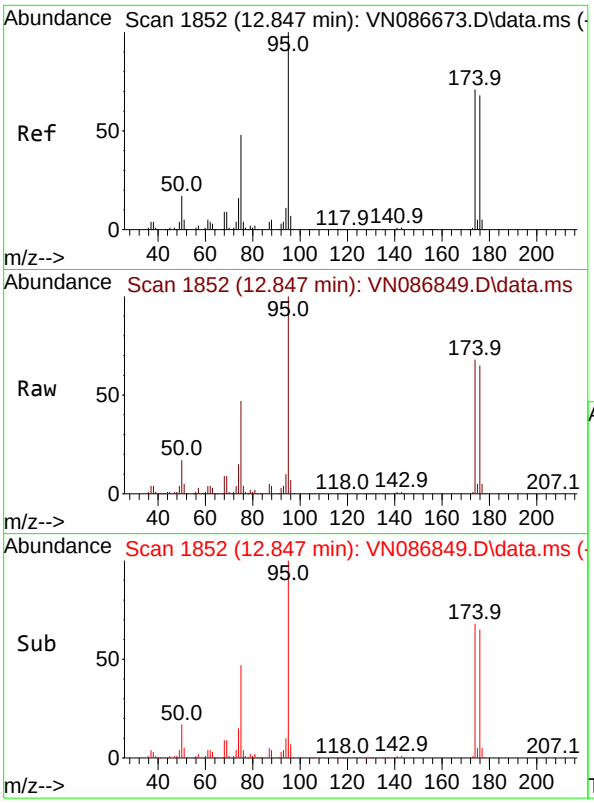


#59
2-Hexanone
Concen: 31.276 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 43 Resp: 87301

Ion	Ratio	Lower	Upper
43	100		
58	16.7	29.8	89.5#



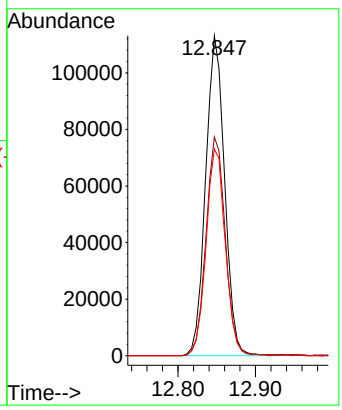


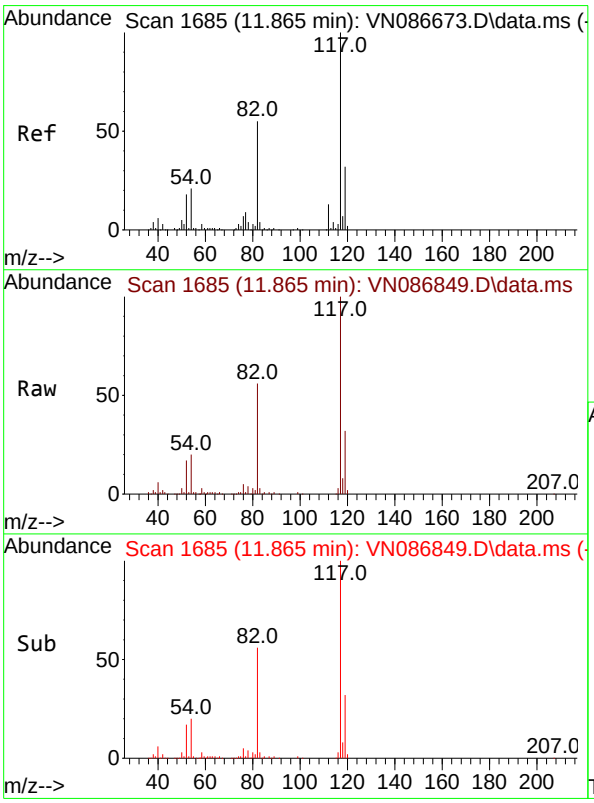
#62
4-Bromofluorobenzene
Concen: 51.810 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 95 Resp: 192371

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	145.4
176	65.8	0.0	137.8

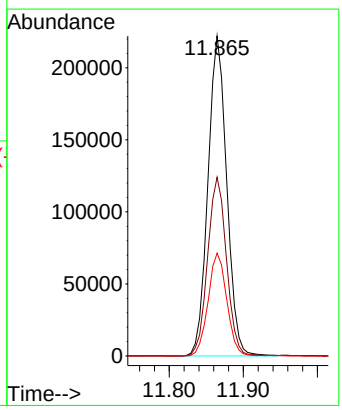


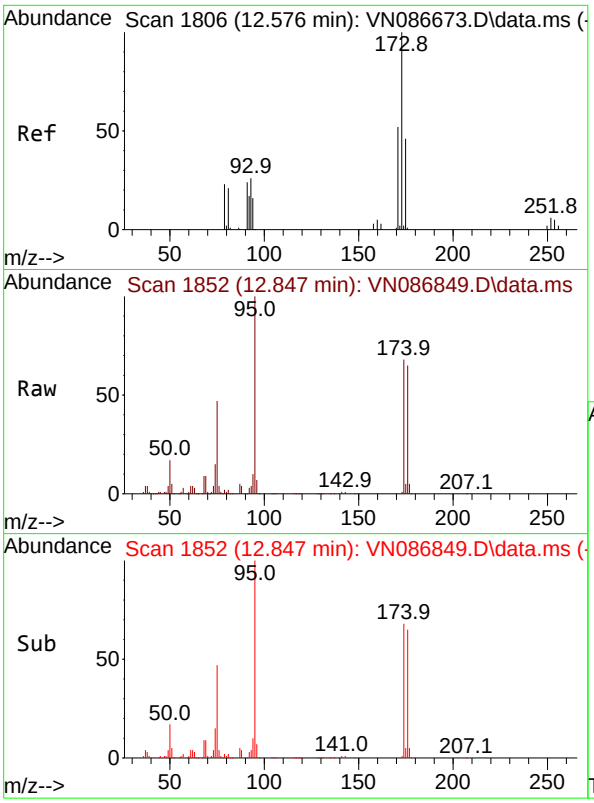


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion:117 Resp: 390915

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	32.1	25.4	38.2



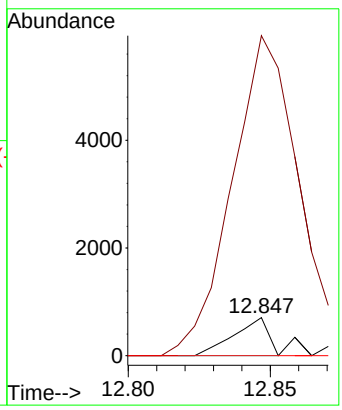


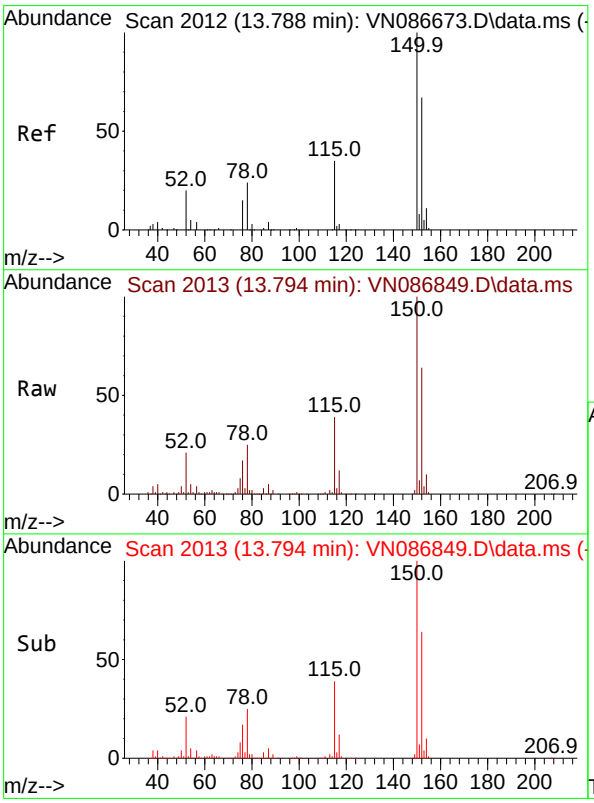
#71
Bromoform
Concen: 0.301 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.270 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion:173 Resp: 592

Ion	Ratio	Lower	Upper
173	100		
175	1224.8	23.4	70.2#
254	0.0	0.0	0.0

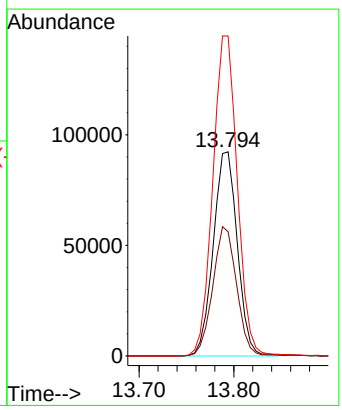


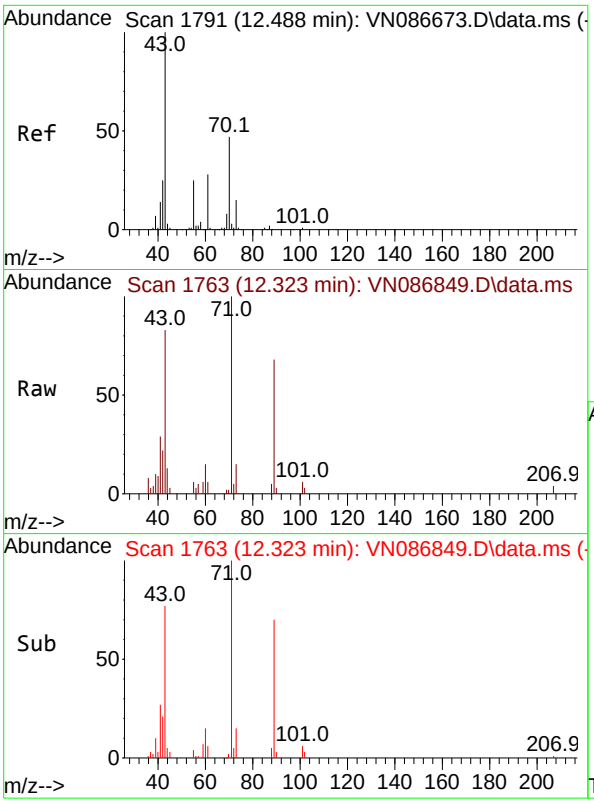


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion:152 Resp: 163060

Ion	Ratio	Lower	Upper
152	100		
115	63.0	30.0	90.1
150	159.7	0.0	347.8



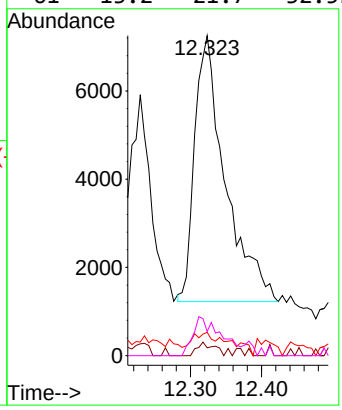


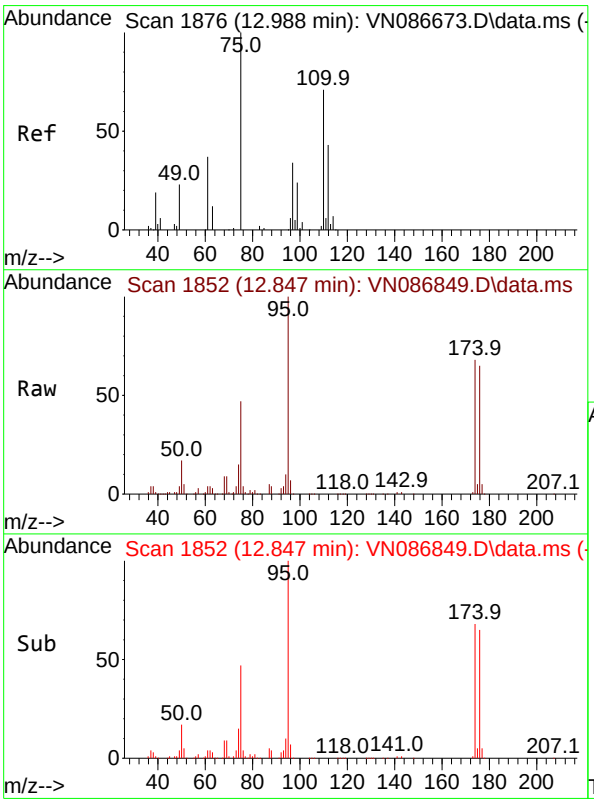
#74
N-amyl acetate
Concen: 3.432 ug/l
RT: 12.323 min Scan# 1
Delta R.T. -0.165 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 43 Resp: 18056

Ion	Ratio	Lower	Upper
43	100		
70	2.8	37.9	56.9#
55	3.2	20.5	30.7#
61	13.2	21.7	32.5#

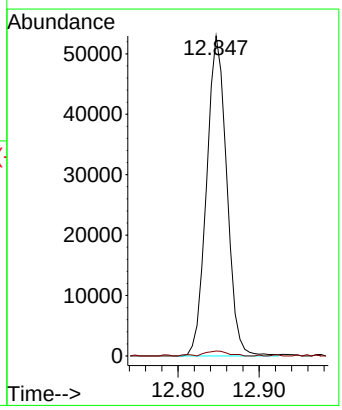


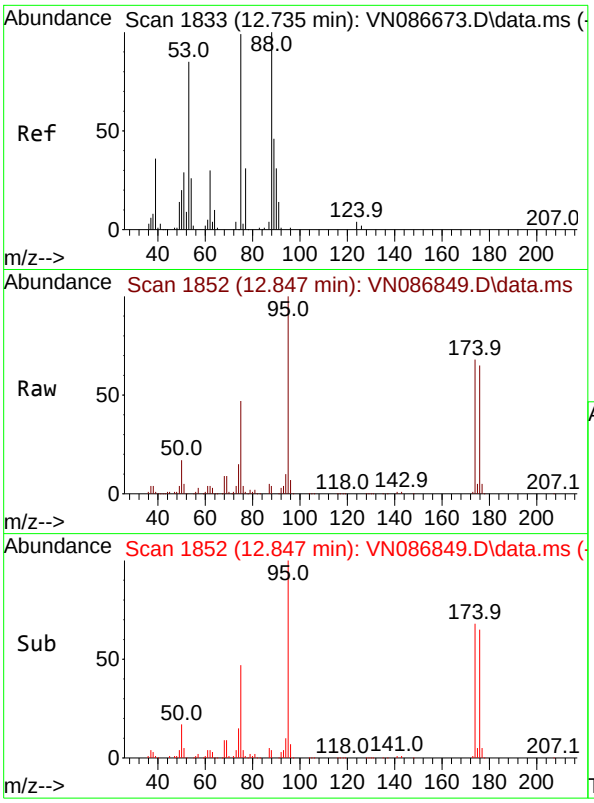


#76
1,2,3-Trichloropropane
Concen: 24.773 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Tgt Ion: 75 Resp: 91357

Ion	Ratio	Lower	Upper
75	100		
77	1.7	96.0	288.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.519 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN086849.D
Acq: 03 Jun 2025 17:46

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#10

Tgt Ion: 75 Resp: 91357

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