Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086850.D
Acq On : 03 Jun 2025 18:11
Operator : JC\MD
Sample : PB168225ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Quant Time: Jun 04 02:03:56 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	8.218	168	222065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	153572	50.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.165	113	135332	52.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.565	98	545090	50.998	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.847	95	191959	50.863	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.720%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	18556	5.116	ug/l	100
5) Bromomethane	2.994	94	485	0.258	ug/l #	5
8) Diethyl Ether	3.953	74	466	0.290	ug/l #	43
10) Methyl Iodide	4.583	142	643	0.222	ug/l #	43
11) Tert butyl alcohol	5.512	59	346	0.619	ug/l #	73
13) Acrolein	4.171	56	654	1.095	ug/l #	69
16) Acetone	4.418	43	38556	33.590	ug/l	92
18) Methyl Acetate	5.012	43	30833	9.597	ug/l	97
20) Methylene Chloride	5.259	84	7360	2.430	ug/l	85
25) 2-Butanone	7.477	43	8055	4.541	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	751	0.234	ug/l #	1
29) Tetrahydrofuran	7.841	42	1174	1.014	ug/l #	61
31) Cyclohexane	8.224	56	4435	0.963	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	17329	4.555	ug/l #	48
37) Ethyl Acetate	7.565	43	21967	5.716	ug/l	99
38) Carbon Tetrachloride	8.218	117	21865	5.833	ug/l #	17
43) Isopropyl Acetate	8.688	43	16891	2.192	ug/l	93
45) 1,2-Dichloropropane	9.741	63	1822	0.618	ug/l #	42
48) Methyl methacrylate	9.741	41	111974	37.508	ug/l #	35
49) 1,4-Dioxane	9.700	88	230	3.638	ug/l #	24
51) 4-Methyl-2-Pentanone	10.476	43	7028	1.809	ug/l #	33
54) cis-1,3-Dichloropropene	10.359	75	83576	17.641	ug/l #	56
57) 1,3-Dichloropropane	11.206	76	5438	1.097	ug/l #	42
59) 2-Hexanone	11.206	43	84815	29.894	ug/l #	44
74) N-amyl acetate	12.317	43	19992	3.747	ug/l #	48
76) 1,2,3-Trichloropropane	12.847	75	90731	24.261	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90731	61.226	ug/l #	15

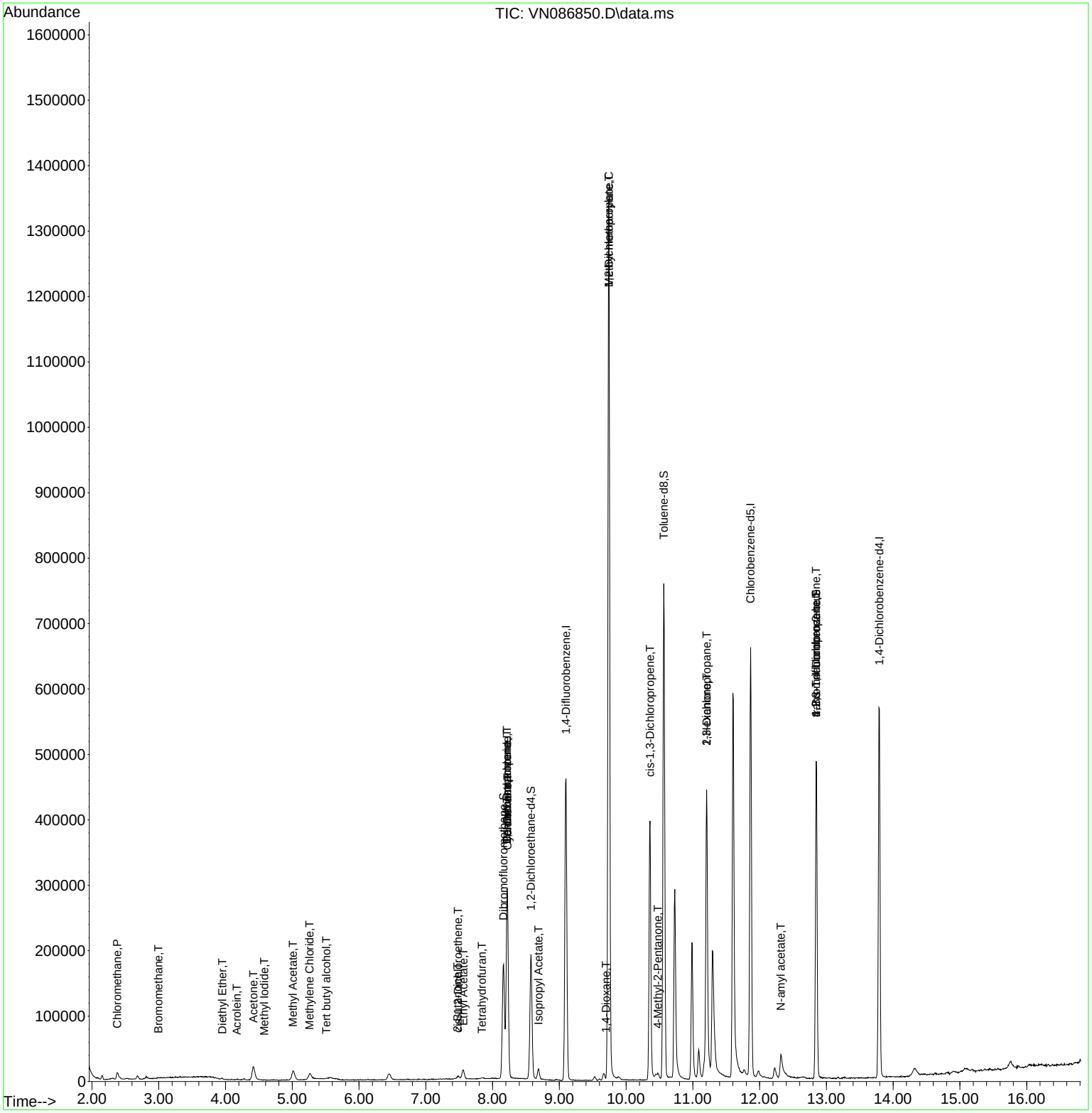
(#) = qualifier out of range (m) = manual integration (+) = signals summed

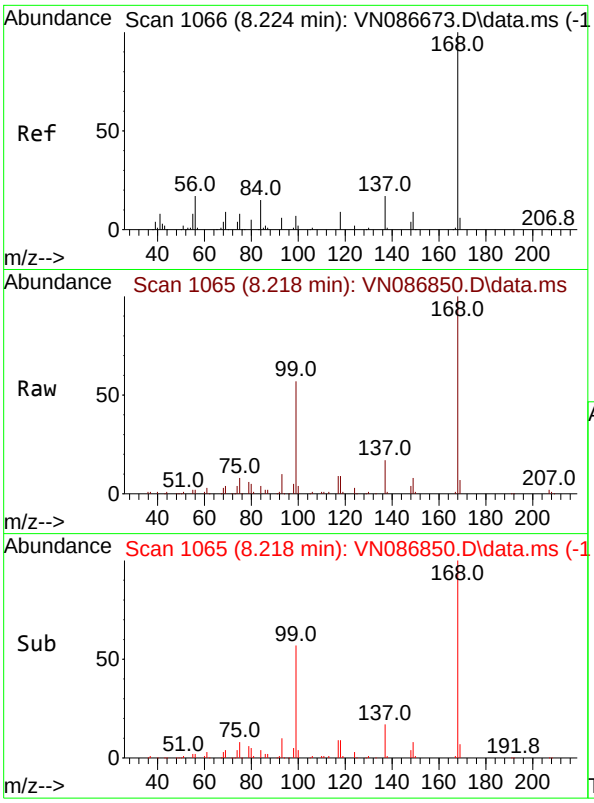
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086850.D
Acq On : 03 Jun 2025 18:11
Operator : JC\MD
Sample : PB168225ZHE#11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Quant Time: Jun 04 02:03:56 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



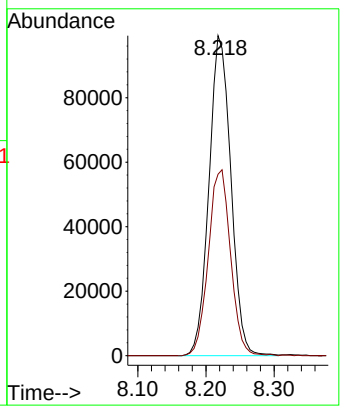


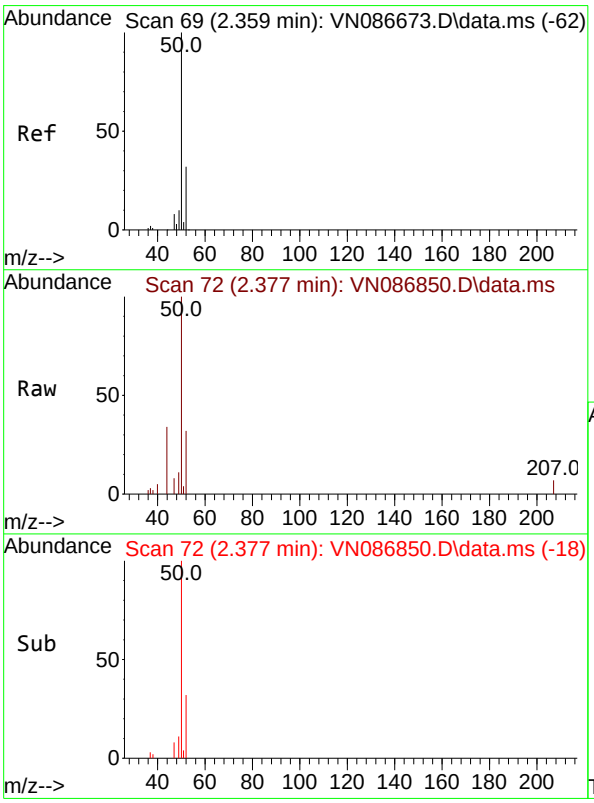
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion:168 Resp: 222065

Ion	Ratio	Lower	Upper
168	100		
99	56.7	47.0	70.4

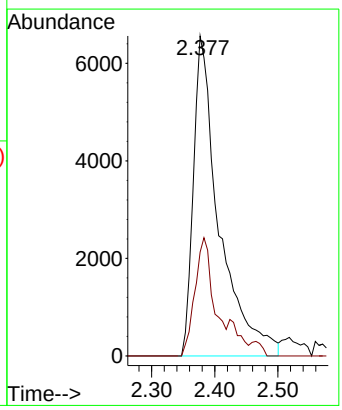


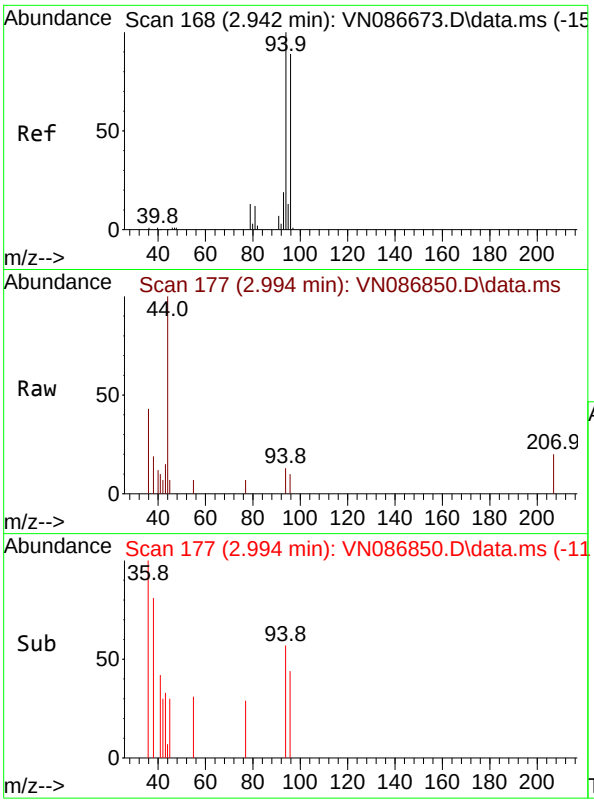


#3
Chloromethane
Concen: 5.116 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.017 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 50 Resp: 18556

Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9



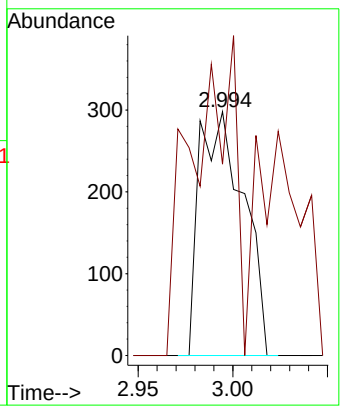


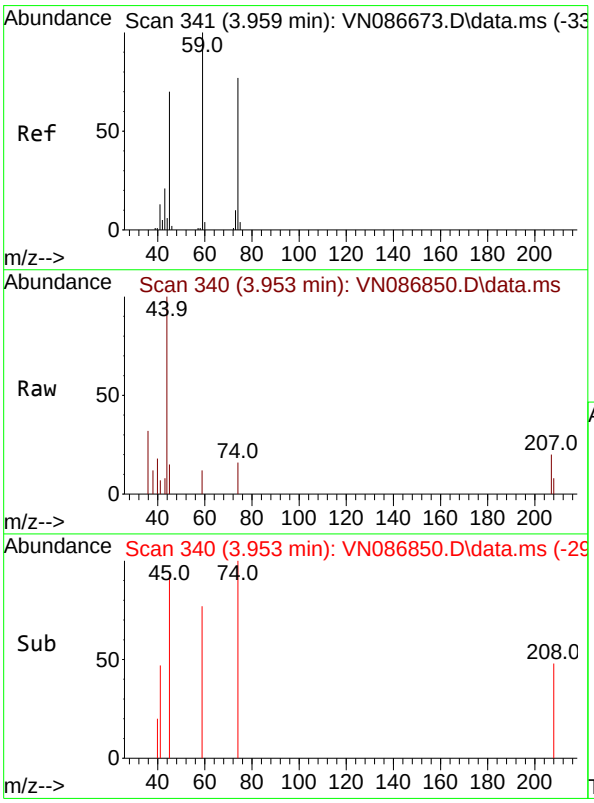
#5
Bromomethane
Concen: 0.258 ug/l
RT: 2.994 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 94 Resp: 485

Ion	Ratio	Lower	Upper
94	100		
96	0.0	71.2	106.8#

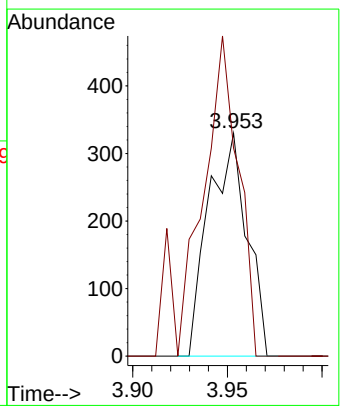


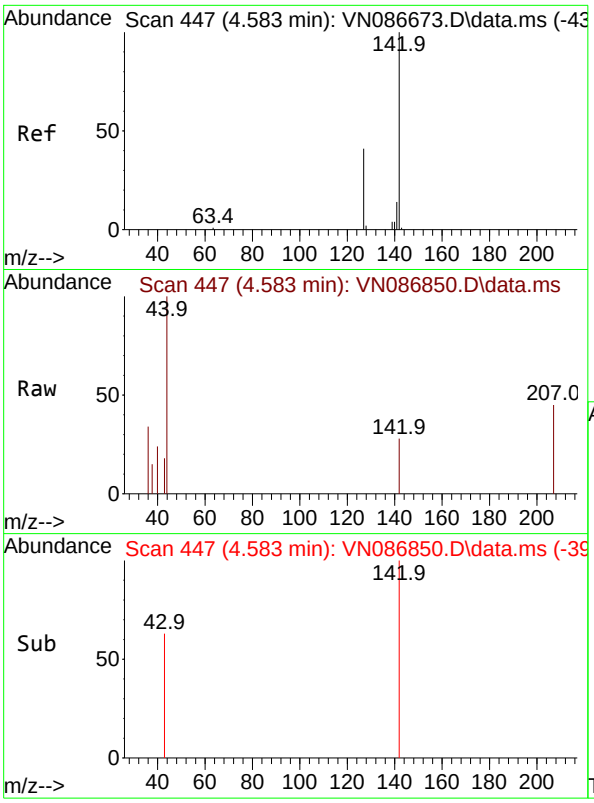


#8
Diethyl Ether
Concen: 0.290 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 74 Resp: 466

Ion	Ratio	Lower	Upper
74	100		
45	143.6	45.0	135.0#



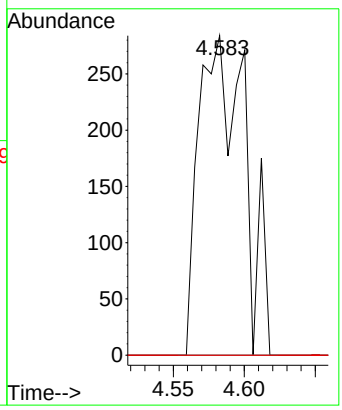


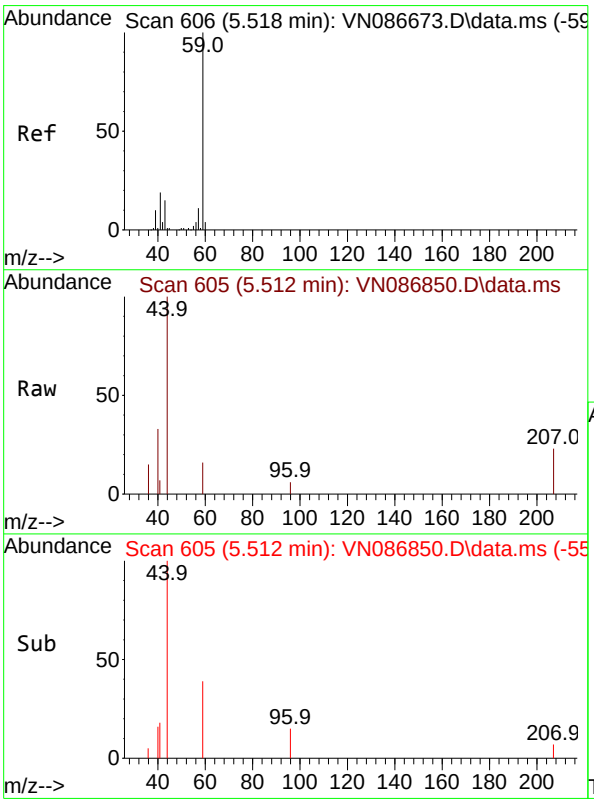
#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion:142 Resp: 643

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

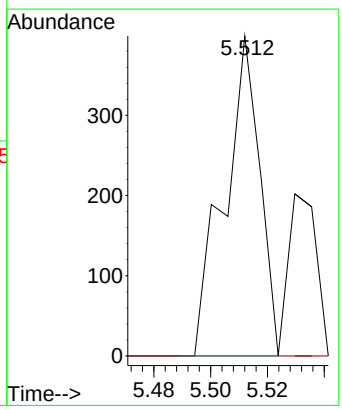


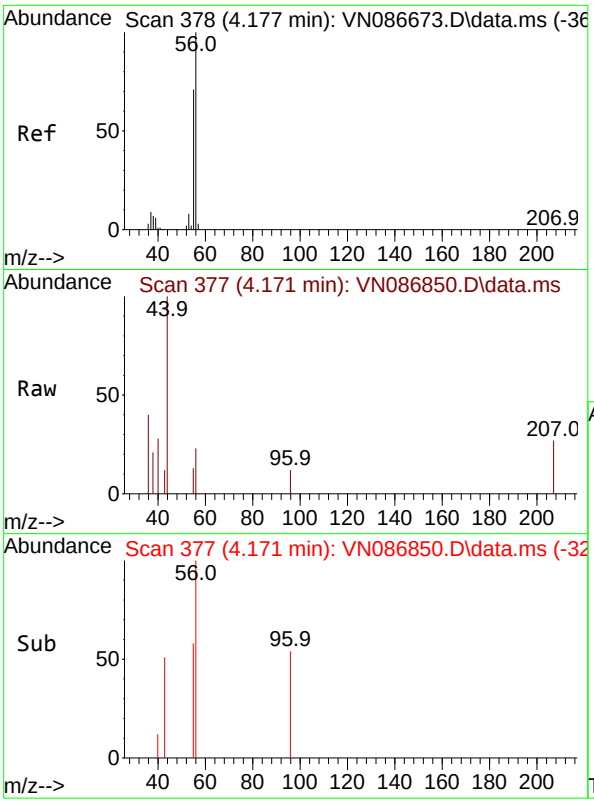


#11
Tert butyl alcohol
Concen: 0.619 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 59 Resp: 346

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



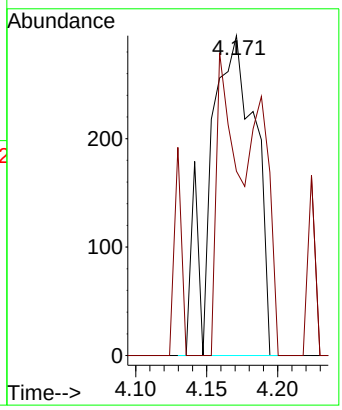


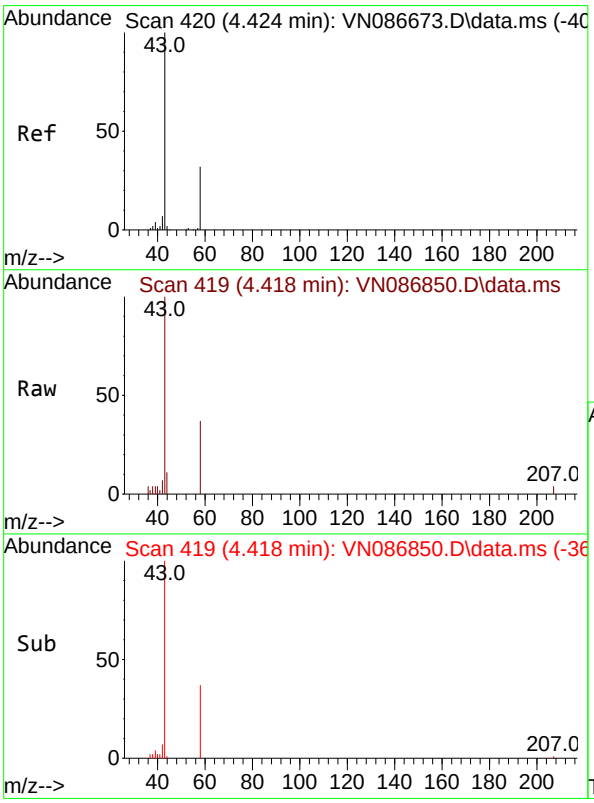
#13
Acrolein
Concen: 1.095 ug/l
RT: 4.171 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 56 Resp: 654

Ion	Ratio	Lower	Upper
56	100		
55	44.2	55.7	83.5#

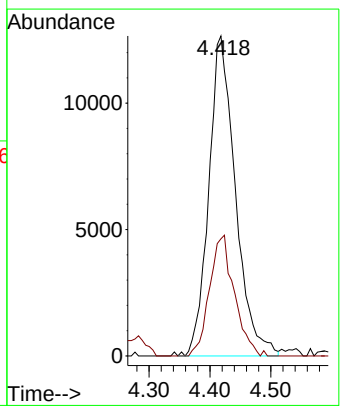


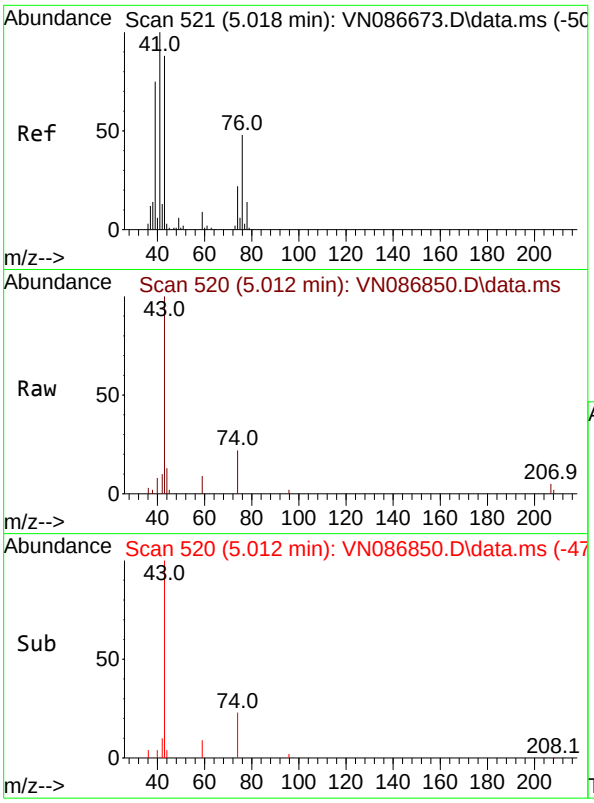


#16
Acetone
Concen: 33.590 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 43 Resp: 38556

Ion	Ratio	Lower	Upper
43	100		
58	36.6	25.8	38.6



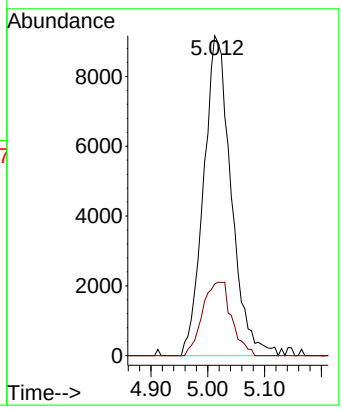


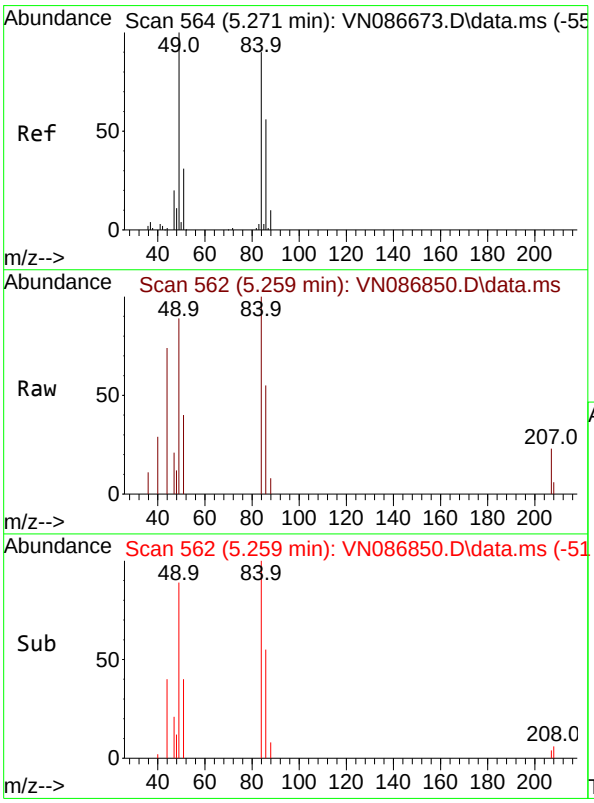
#18
Methyl Acetate
Concen: 9.597 ug/l
RT: 5.012 min Scan# 5
Delta R.T. -0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 30833

Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.5	30.7

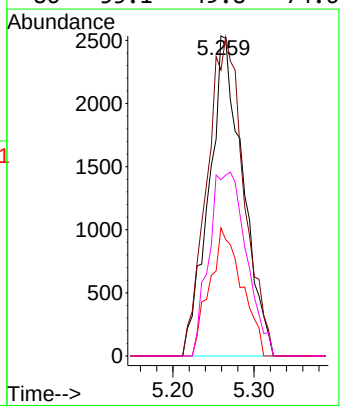


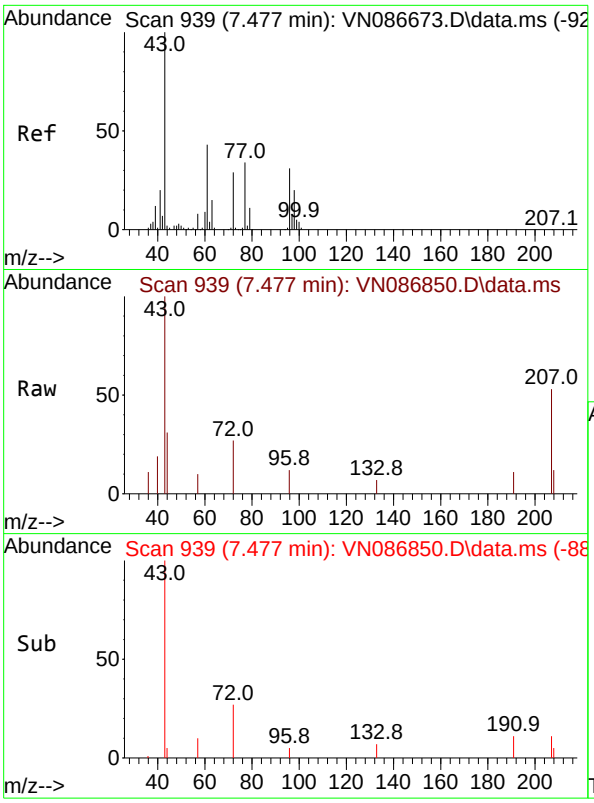


#20
Methylene Chloride
Concen: 2.430 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 84 Resp: 7360

Ion	Ratio	Lower	Upper
84	100		
49	89.3	88.8	133.2
51	40.0	27.8	41.6
86	55.1	49.8	74.6



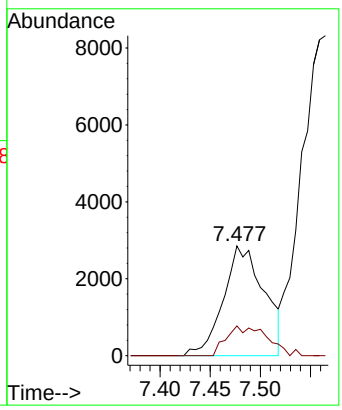


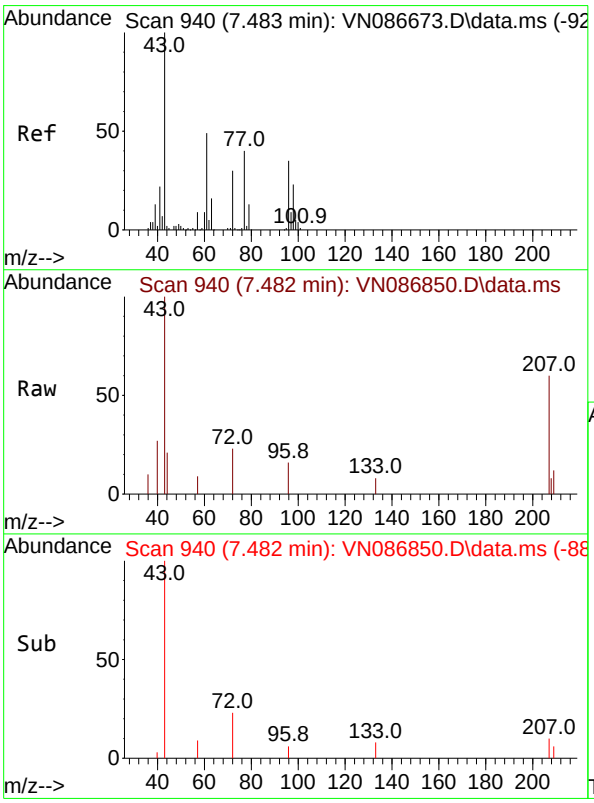
#25
2-Butanone
Concen: 4.541 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 8055

Ion	Ratio	Lower	Upper
43	100		
72	27.1	23.1	34.7

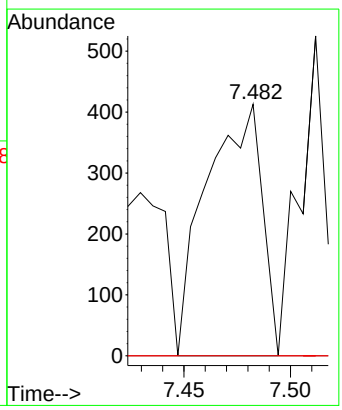


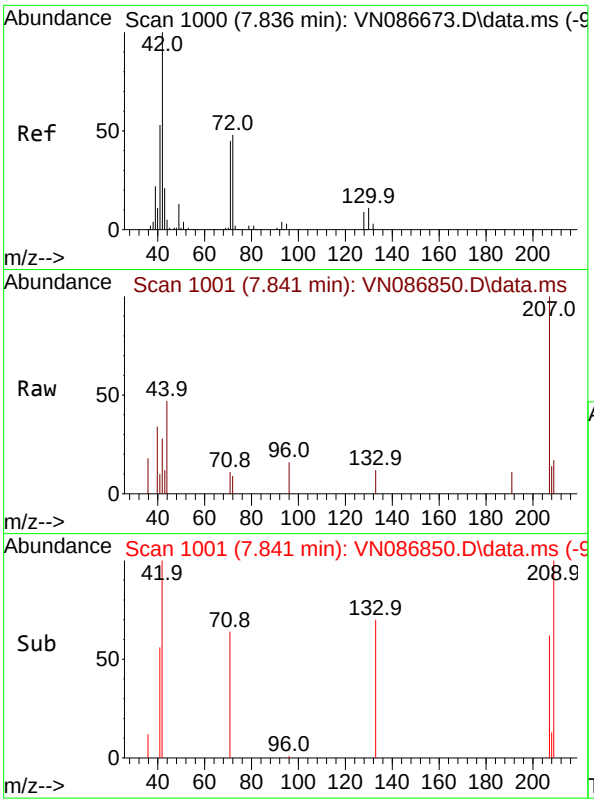


#27
cis-1,2-Dichloroethene
Concen: 0.234 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 96 Resp: 751

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	277.4
98	0.0	0.0	129.6



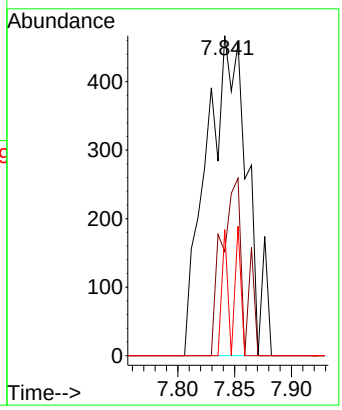


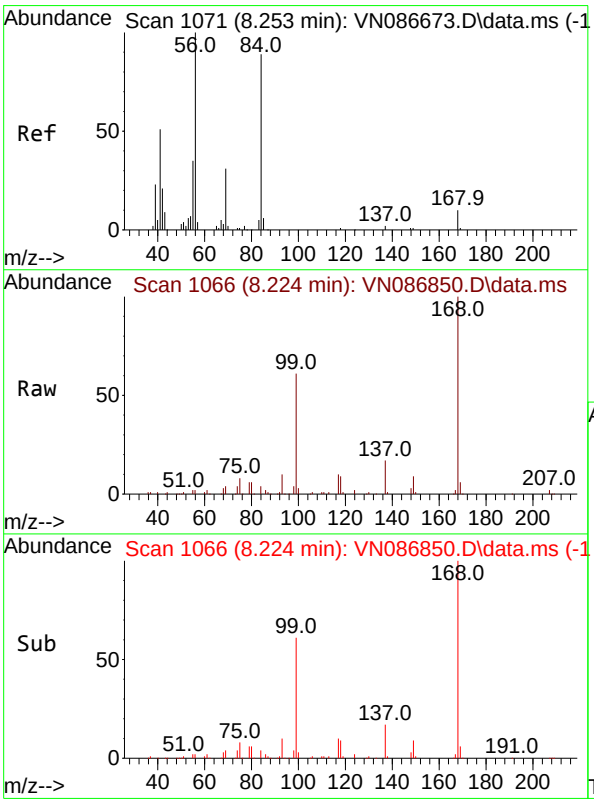
#29
Tetrahydrofuran
Concen: 1.014 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 42 Resp: 1174

Ion	Ratio	Lower	Upper
42	100		
72	29.6	38.7	58.1#
71	11.2	36.2	54.4#

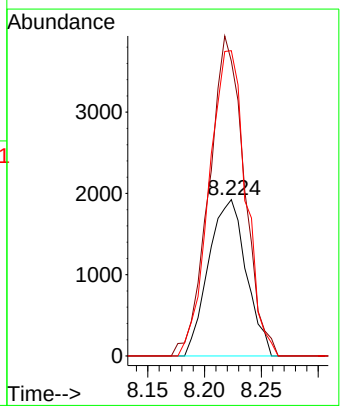


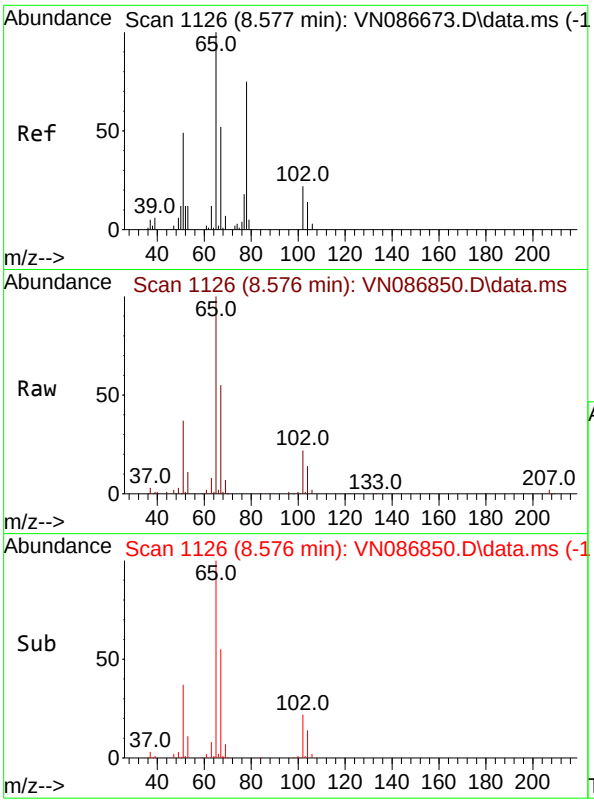


#31
Cyclohexane
Concen: 0.963 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 56 Resp: 4435

Ion	Ratio	Lower	Upper
56	100		
69	188.7	25.0	37.6#
84	195.4	71.0	106.4#



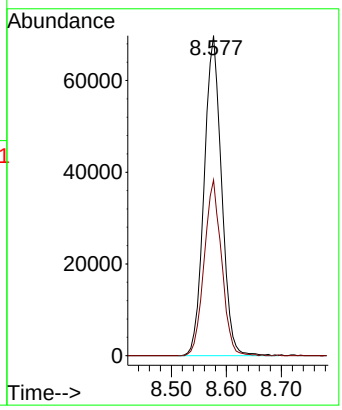


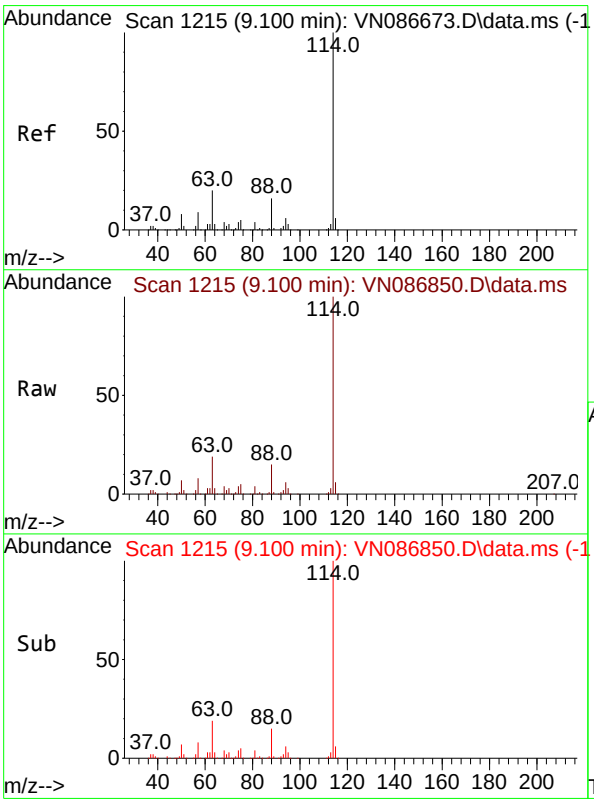
#33
1,2-Dichloroethane-d4
Concen: 50.047 ug/l
RT: 8.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 65 Resp: 153572

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.4

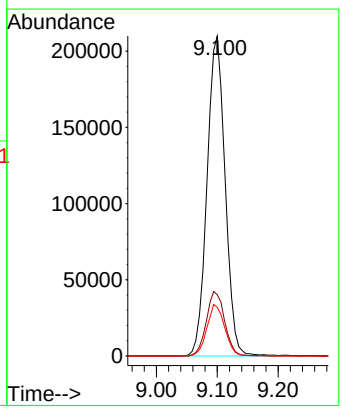


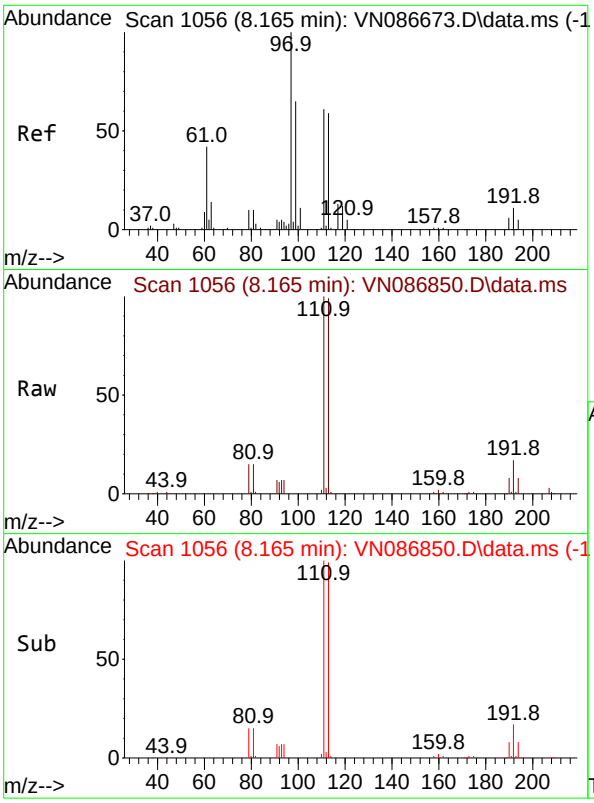


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion:114 Resp: 433089

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.2
88	15.2	0.0	31.2



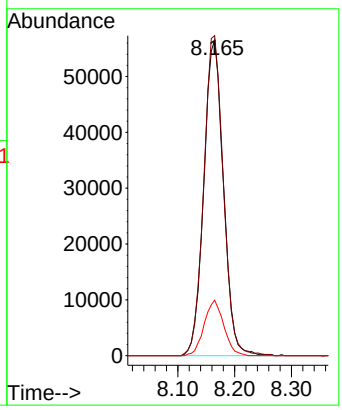


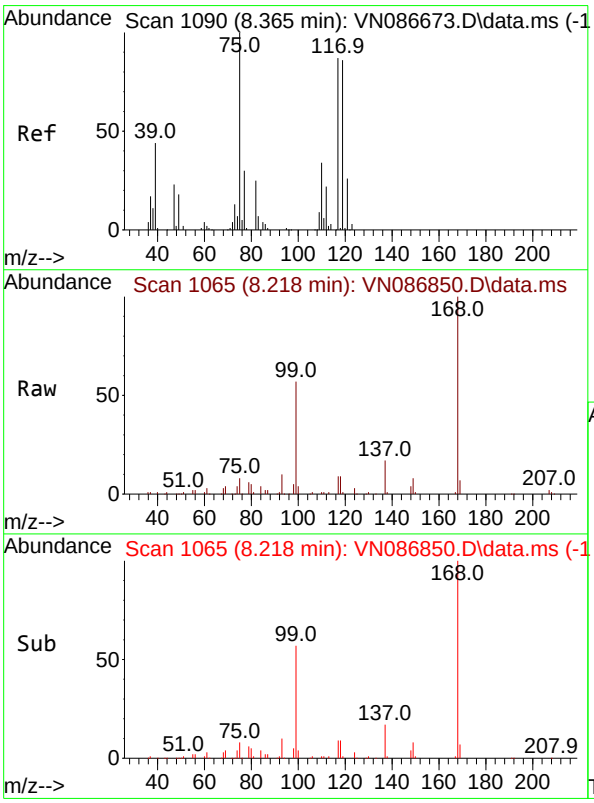
#35
Dibromofluoromethane
Concen: 52.470 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion:113 Resp: 135332

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	17.6	13.8	20.8

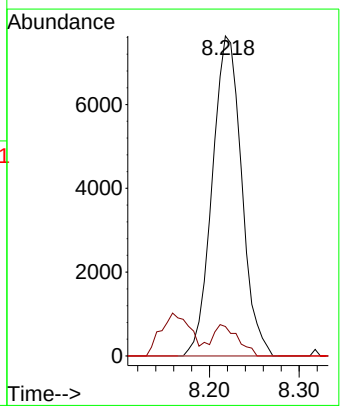


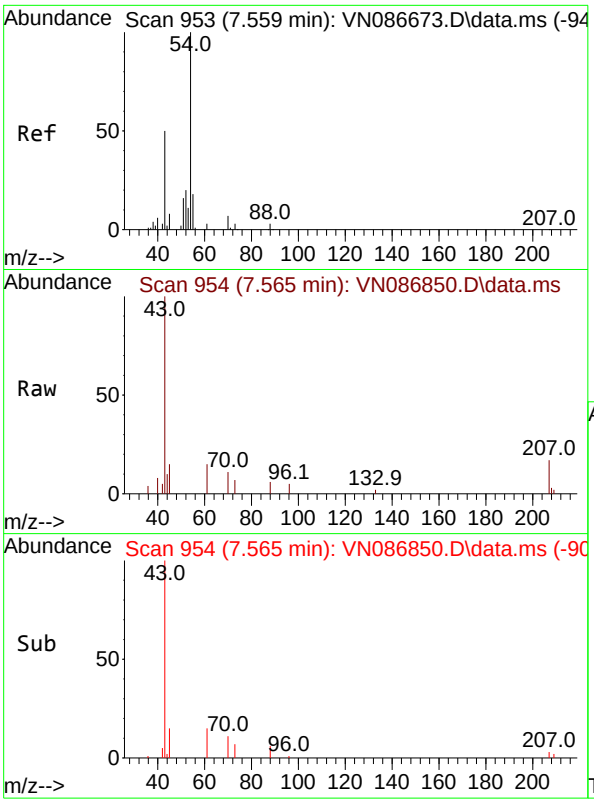


#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 75 Resp: 17329

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



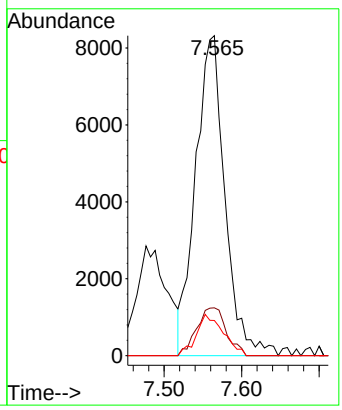


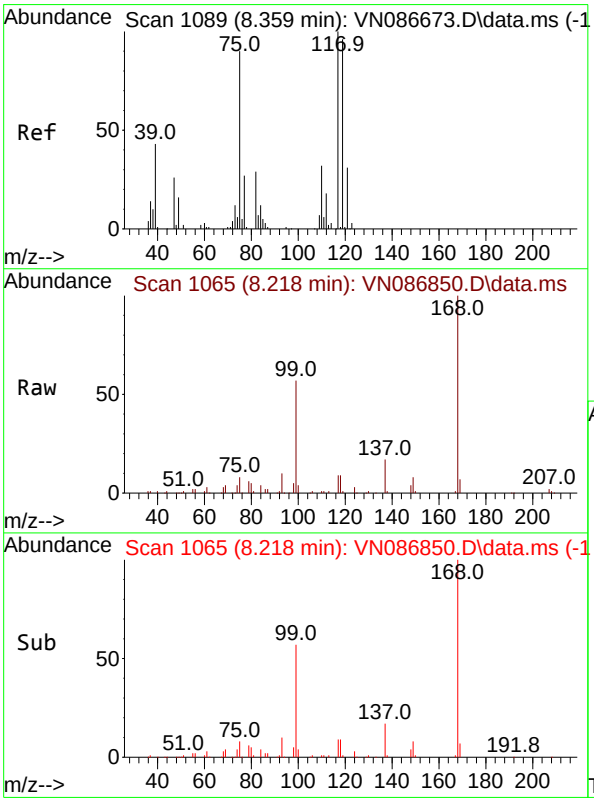
#37
Ethyl Acetate
Concen: 5.716 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 21967

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.6	17.4
70	11.8	9.4	14.0

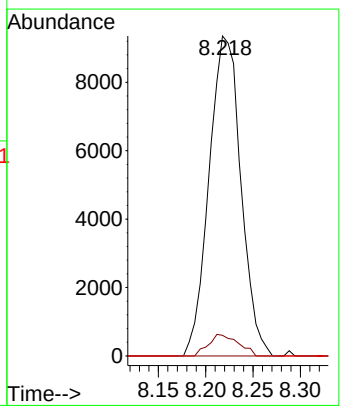


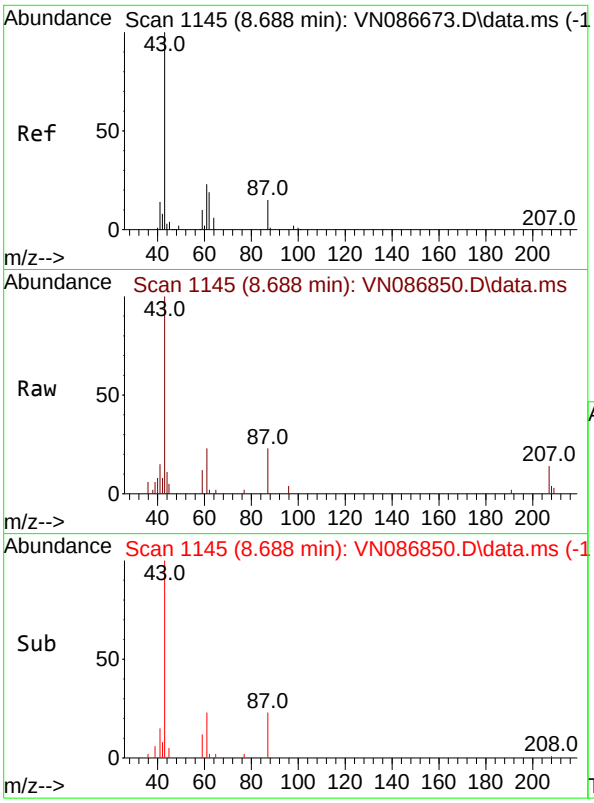


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion:117 Resp: 21865

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.0	115.6#
121	0.0	25.0	37.6#



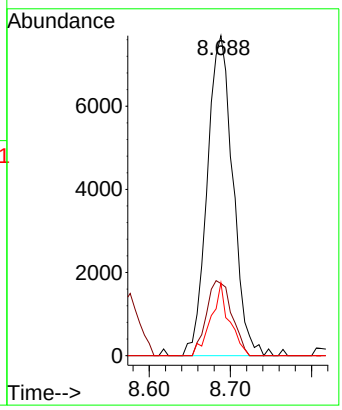


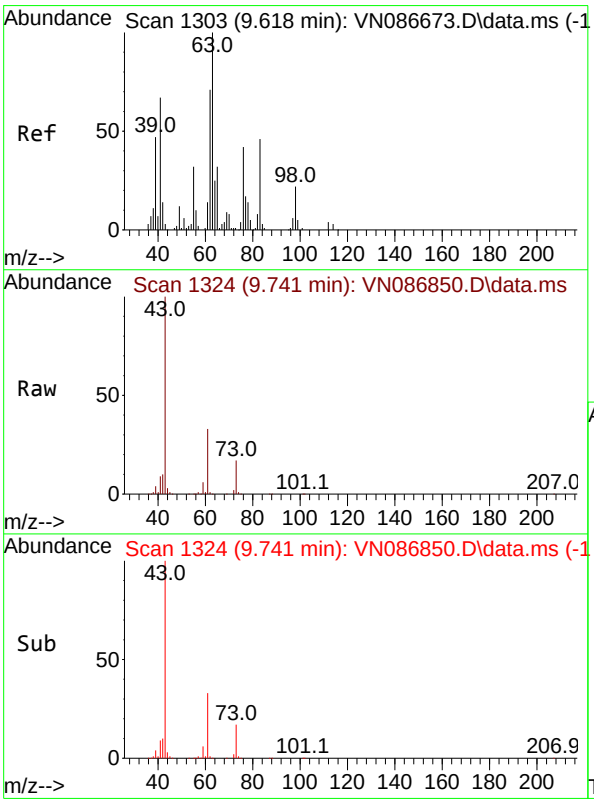
#43
Isopropyl Acetate
Concen: 2.192 ug/l
RT: 8.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 16891

Ion	Ratio	Lower	Upper
43	100		
61	23.2	21.4	32.2
87	16.2	11.1	16.7

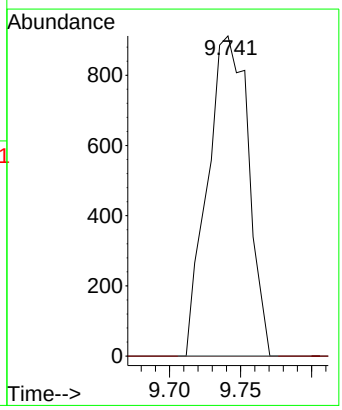


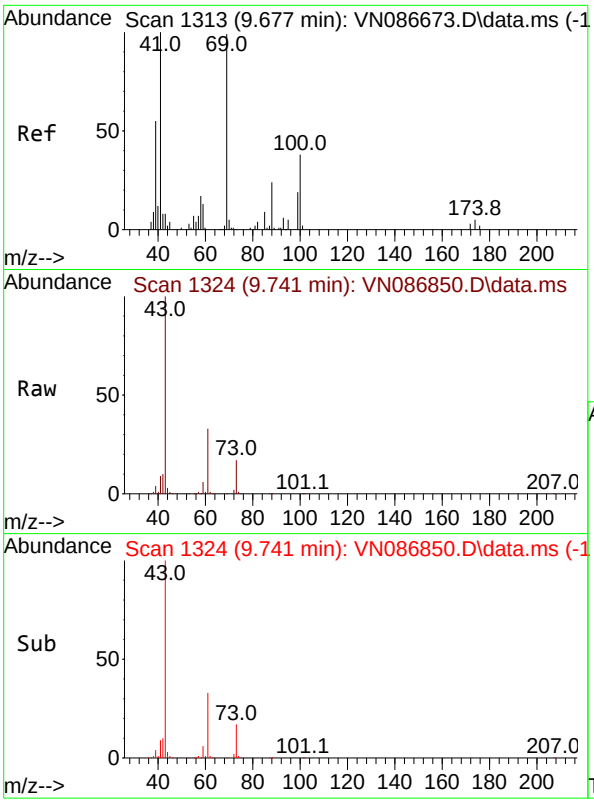


#45
1,2-Dichloropropane
Concen: 0.618 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 63 Resp: 1822

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#



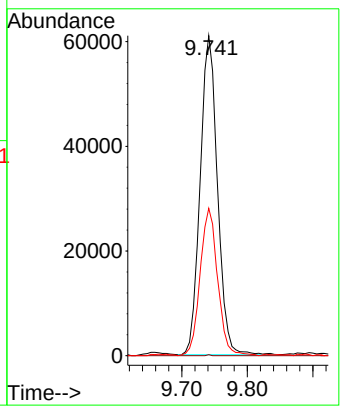


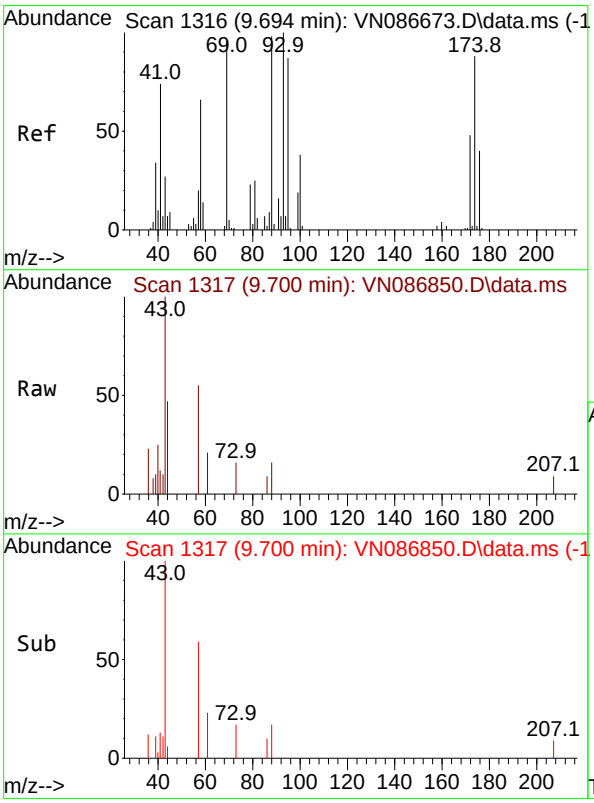
#48
Methyl methacrylate
Concen: 37.508 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 41 Resp: 111974

Ion	Ratio	Lower	Upper
41	100		
69	0.1	74.1	111.1#
39	46.8	44.1	66.1

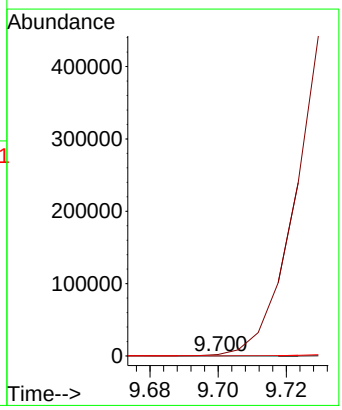


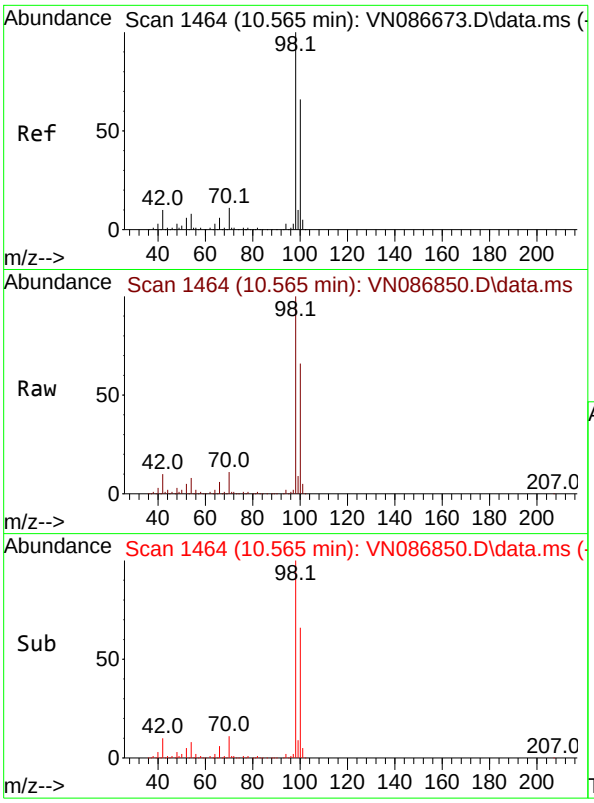


#49
1,4-Dioxane
Concen: 3.638 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 88 Resp: 230

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



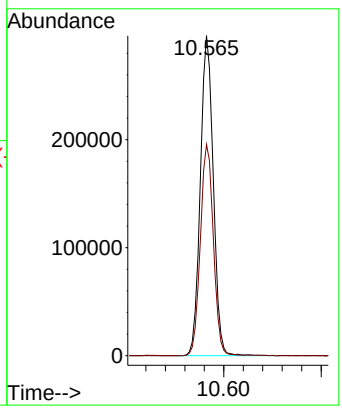


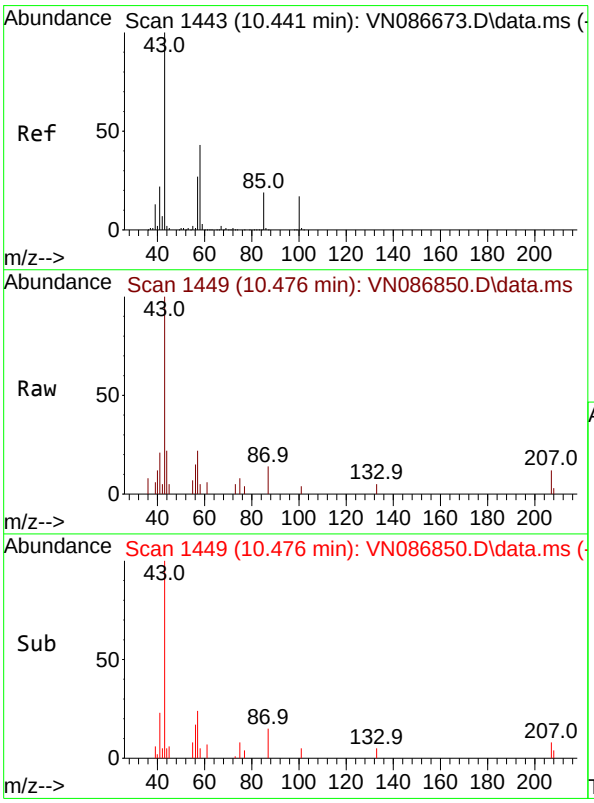
#50
Toluene-d8
Concen: 50.998 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 98 Resp: 545090

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3

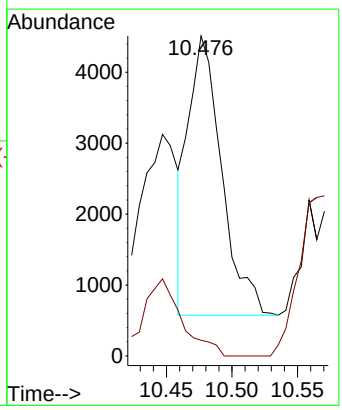


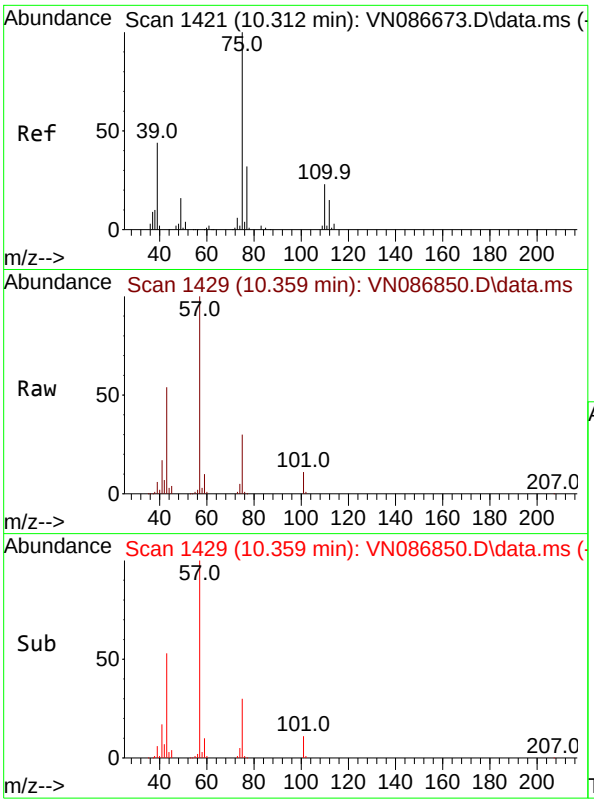


#51
4-Methyl-2-Pentanone
Concen: 1.809 ug/l
RT: 10.476 min Scan# 1449
Delta R.T. 0.035 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 43 Resp: 7028

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.9	50.9#



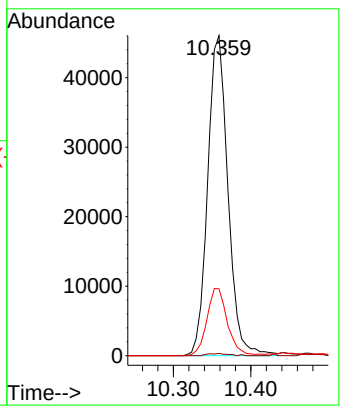


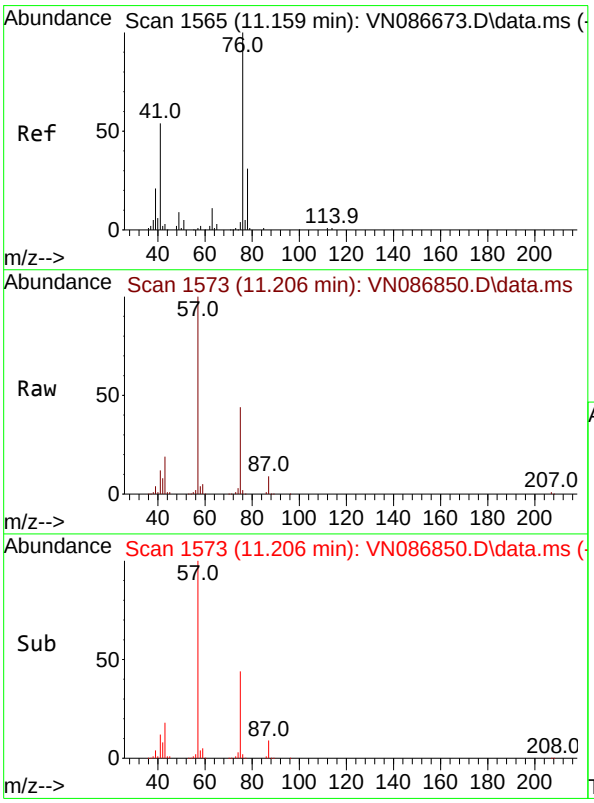
#54
cis-1,3-Dichloropropene
Concen: 17.641 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 75 Resp: 83576

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	20.9	35.2	52.8#

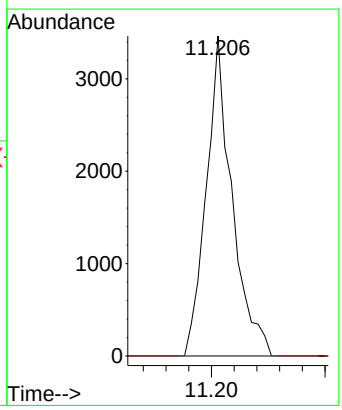


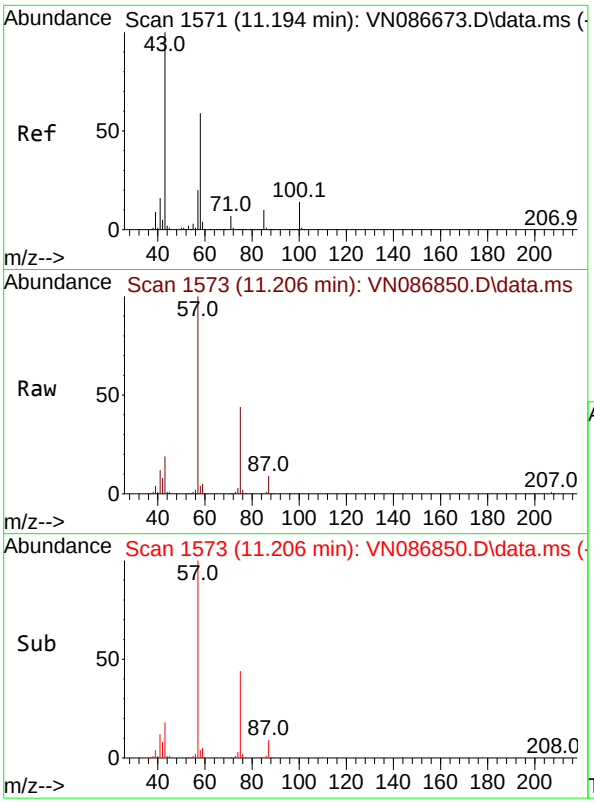


#57
1,3-Dichloropropane
Concen: 1.097 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.047 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 76 Resp: 5438

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



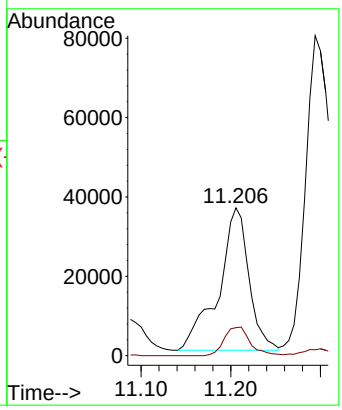


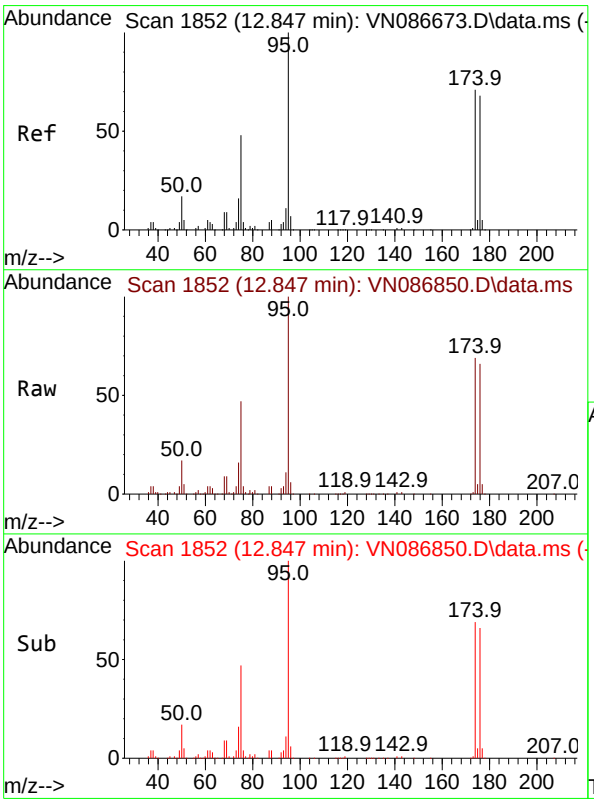
#59
2-Hexanone
Concen: 29.894 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 84815

Ion	Ratio	Lower	Upper
43	100		
58	17.2	29.8	89.5#

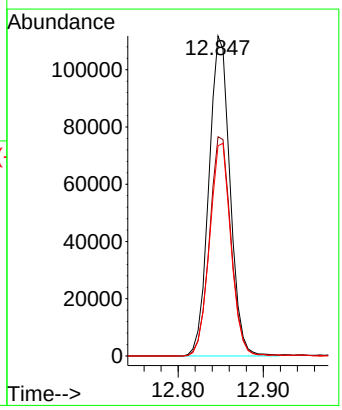


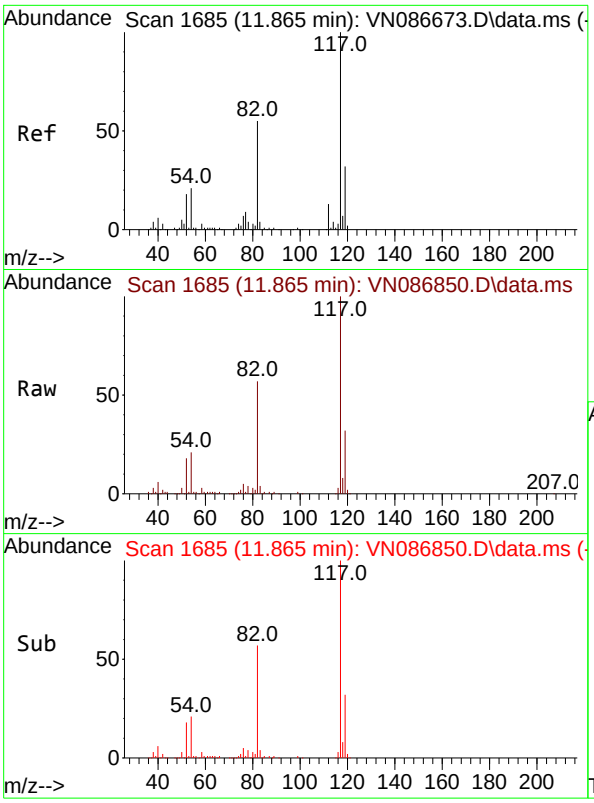


#62
4-Bromofluorobenzene
Concen: 50.863 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 95 Resp: 191959

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	145.4
176	67.1	0.0	137.8



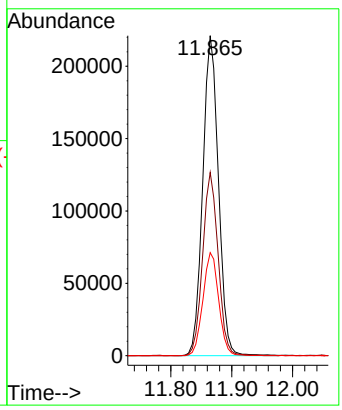


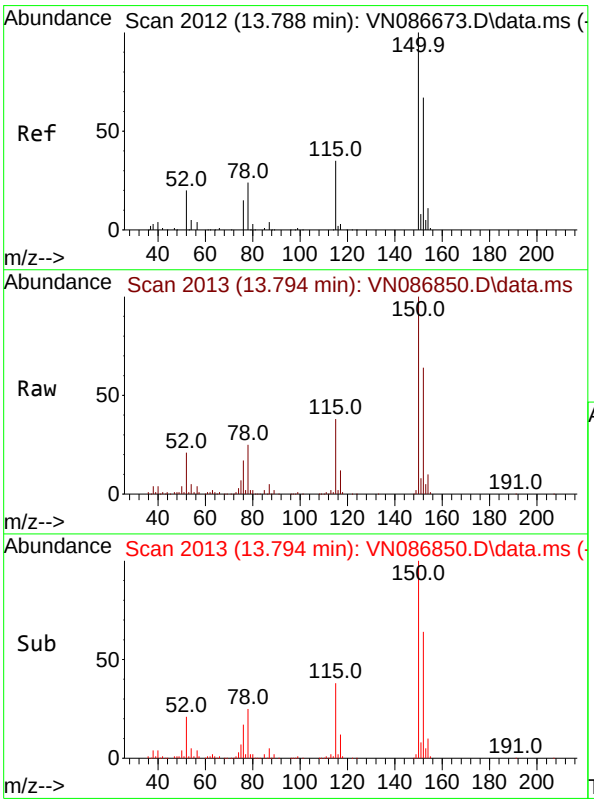
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion:117 Resp: 395403

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.2	66.2
119	32.2	25.4	38.2

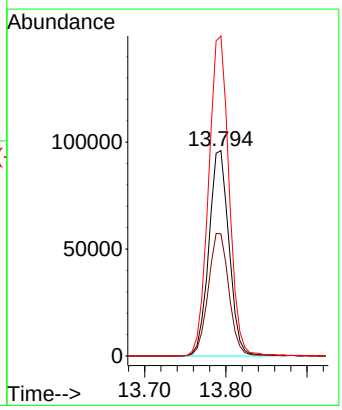


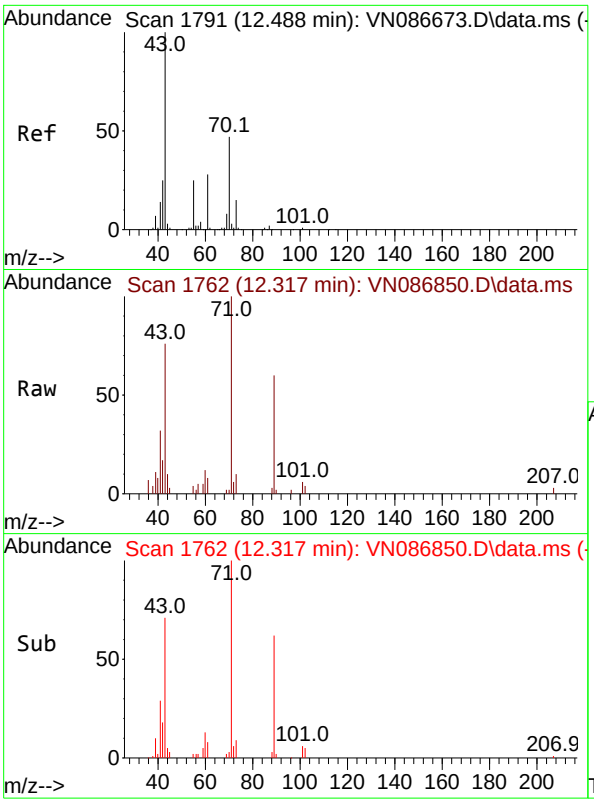


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion:152 Resp: 165363

Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.0	90.1
150	158.4	0.0	347.8



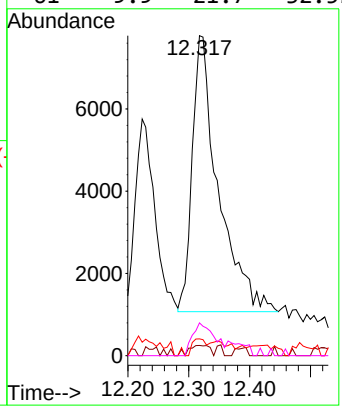


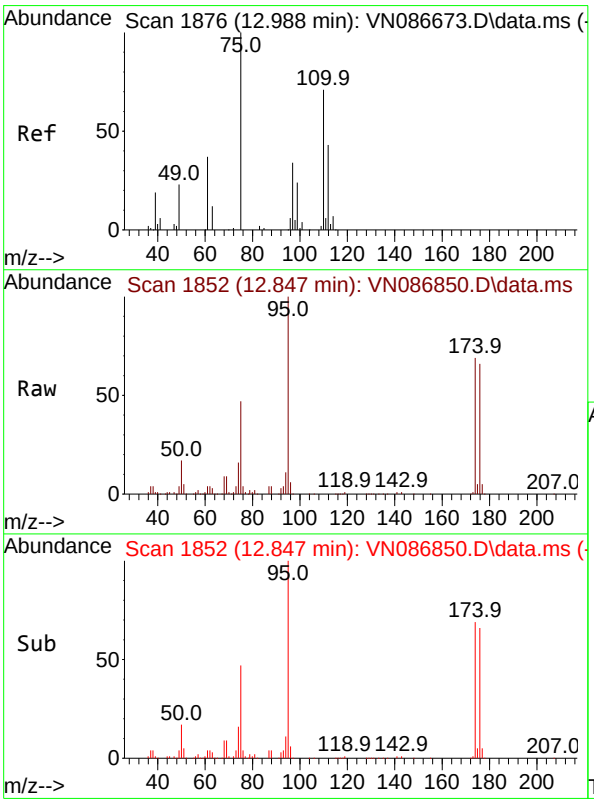
#74
N-amyl acetate
Concen: 3.747 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.171 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 43 Resp: 19992

Ion	Ratio	Lower	Upper
43	100		
70	3.0	37.9	56.9#
55	3.1	20.5	30.7#
61	9.9	21.7	32.5#

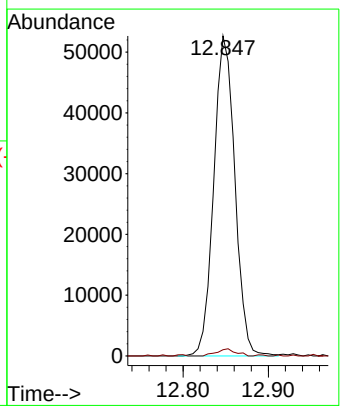


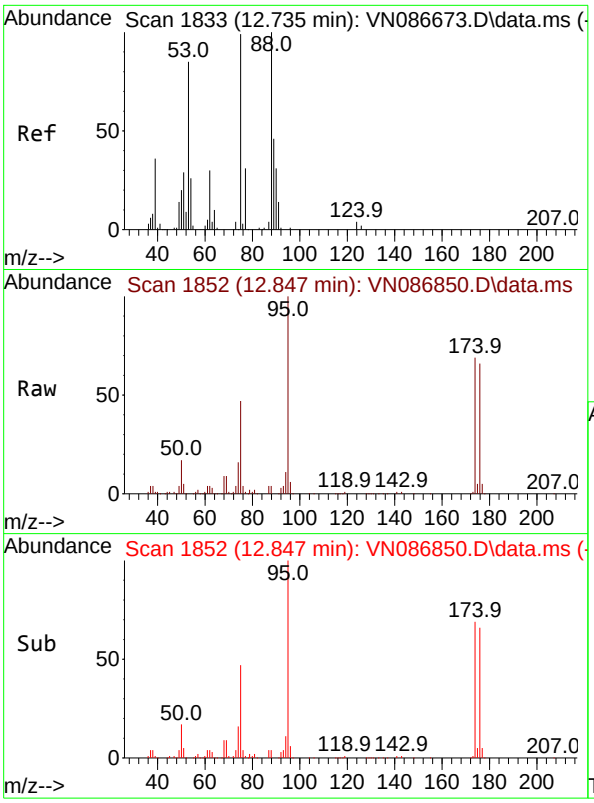


#76
1,2,3-Trichloropropane
Concen: 24.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Tgt Ion: 75 Resp: 90731

Ion	Ratio	Lower	Upper
75	100		
77	2.0	96.0	288.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.226 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN086850.D
Acq: 03 Jun 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#11

Tgt Ion: 75 Resp: 90731

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