Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087685.D
Acq On : 28 Aug 2025 15:08
Operator : JC\MD
Sample : Q2959-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Quant Time: Aug 29 03:19:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.206	168	169837	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.082	114	398677	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.847	117	389346	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184217	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.559	65	193821	55.699	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.400%				
35) Dibromofluoromethane	8.153	113	146270	50.816	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%				
50) Toluene-d8	10.547	98	535900	49.743	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%				
62) 4-Bromofluorobenzene	12.829	95	185348	48.376	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.760%				
Target Compounds							Qvalue
3) Chloromethane	2.383	50	14758	5.953	ug/l		97
5) Bromomethane	2.983	94	573	0.386	ug/l		83
10) Methyl Iodide	4.577	142	396	7.003	ug/l	#	38
11) Tert butyl alcohol	5.524	59	4173	6.908	ug/l		99
13) Acrolein	4.194	56	331	0.446	ug/l	#	14
14) Allyl chloride	5.018	41	1363	0.307	ug/l	#	24
16) Acetone	4.424	43	53081	28.022	ug/l	#	88
17) Carbon Disulfide	4.700	76	2887	0.428	ug/l	#	74
18) Methyl Acetate	5.012	43	75536	19.045	ug/l		100
20) Methylene Chloride	5.265	84	18944	5.817	ug/l		93
25) 2-Butanone	7.471	43	26500	10.633	ug/l		93
29) Tetrahydrofuran	7.824	42	1291	0.805	ug/l	#	39
31) Cyclohexane	8.206	56	5731	1.309	ug/l	#	52
36) 1,1-Dichloropropene	8.206	75	16675	3.776	ug/l	#	54
37) Ethyl Acetate	7.553	43	23861	3.954	ug/l		97
38) Carbon Tetrachloride	8.206	117	20152	4.622	ug/l	#	16
40) Benzene	8.594	78	7522	0.555	ug/l		96
43) Isopropyl Acetate	8.671	43	16072	1.706	ug/l	#	90
45) 1,2-Dichloropropane	9.718	63	1929	0.540	ug/l	#	43
48) Methyl methacrylate	9.653	41	4204	0.943	ug/l	#	13
49) 1,4-Dioxane	9.718	88	74	1.281	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.429	43	5244	0.923	ug/l	#	43
52) Toluene	10.612	92	9526	1.135	ug/l		98
54) cis-1,3-Dichloropropene	10.341	75	63096	11.275	ug/l	#	65
57) 1,3-Dichloropropane	11.182	76	4020	0.699	ug/l	#	45
59) 2-Hexanone	11.188	43	77204	21.491	ug/l	#	54
68) m/p-Xylenes	12.047	106	6438	1.047	ug/l		96
69) o-Xylene	12.376	106	4869	0.808	ug/l		87
70) Styrene	12.394	104	2634	0.261	ug/l	#	53
76) 1,2,3-Trichloropropane	12.829	75	108192	25.045	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.829	75	108192	66.303	ug/l	#	1
84) 1,2,4-Trimethylbenzene	13.459	105	4114	0.325	ug/l		92
95) Naphthalene	15.611	128	150758	10.809	ug/l		99

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

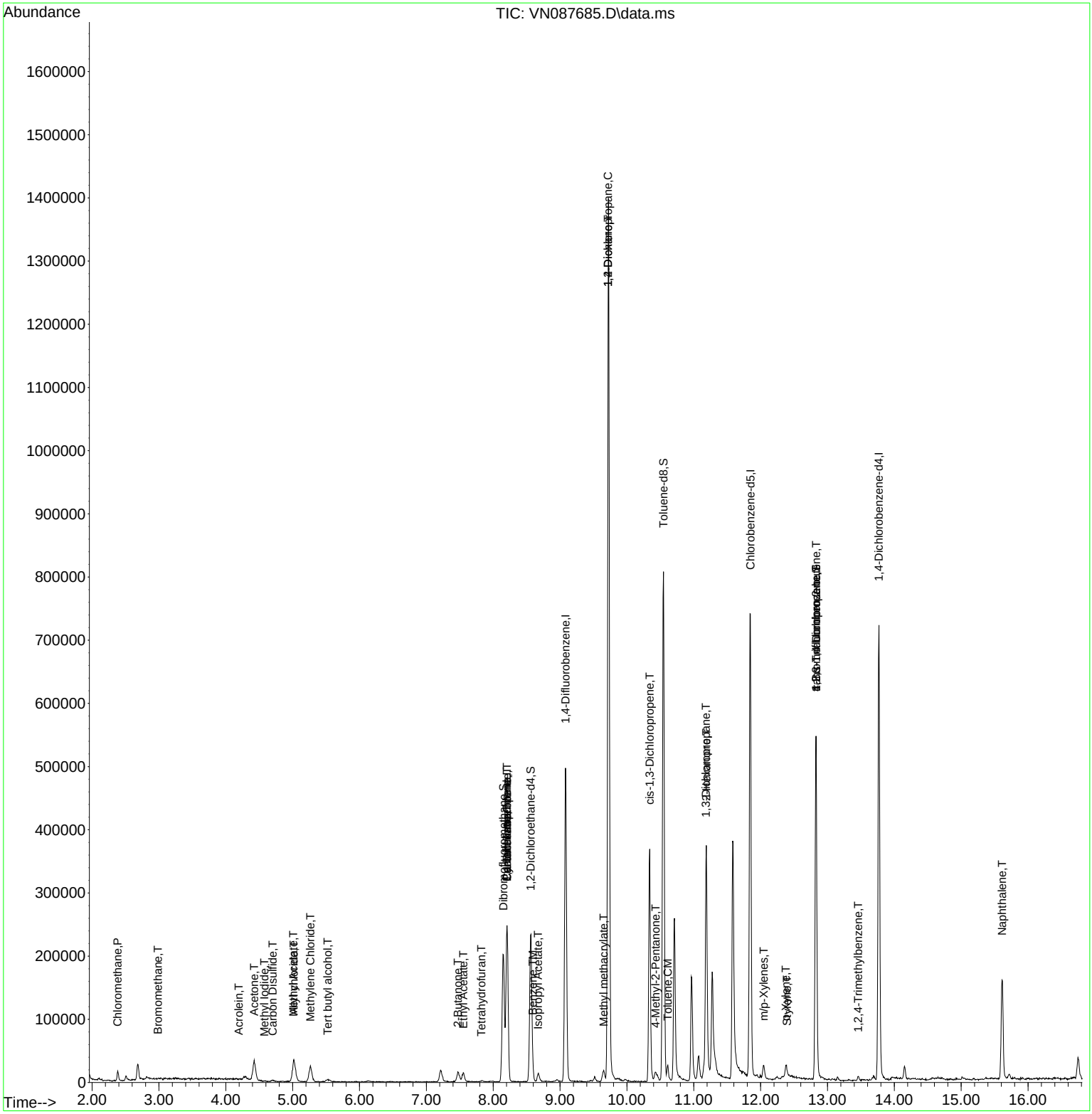
Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

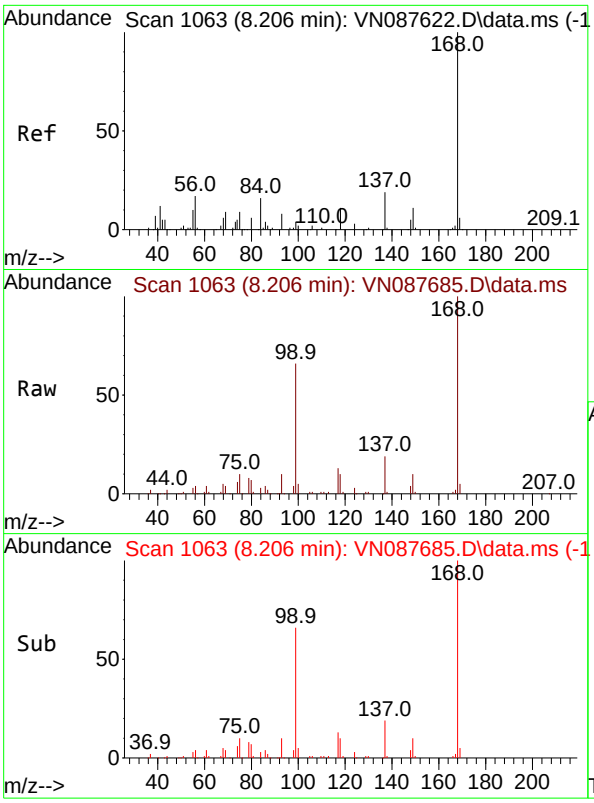
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087685.D
Acq On : 28 Aug 2025 15:08
Operator : JC\MD
Sample : Q2959-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Quant Time: Aug 29 03:19:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration



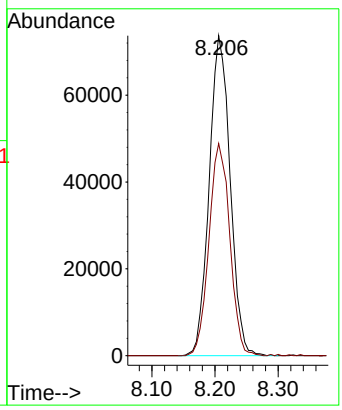


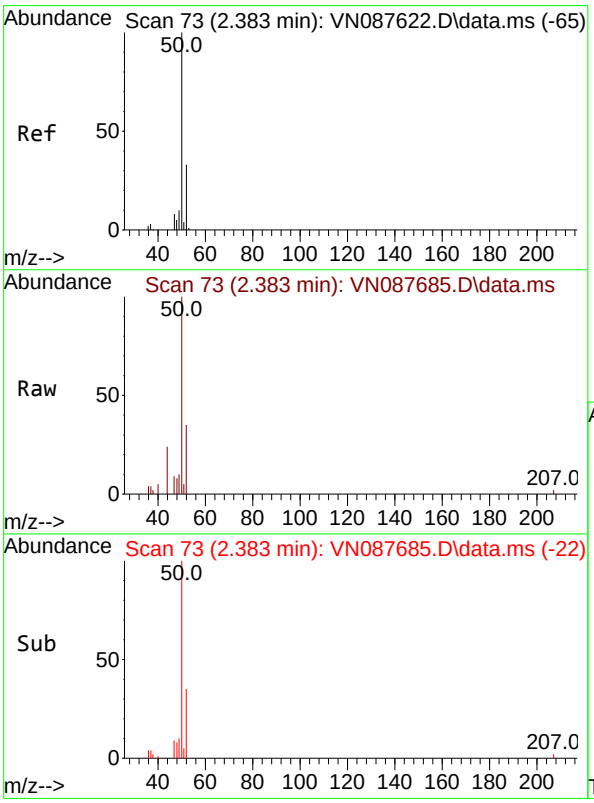
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:168 Resp: 169837

Ion	Ratio	Lower	Upper
168	100		
99	66.3	57.2	85.8

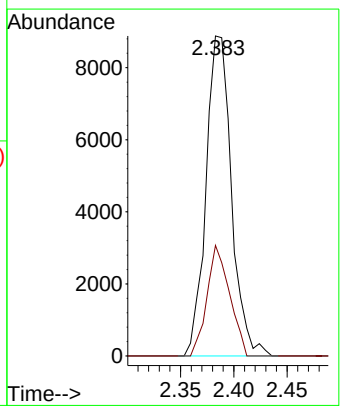


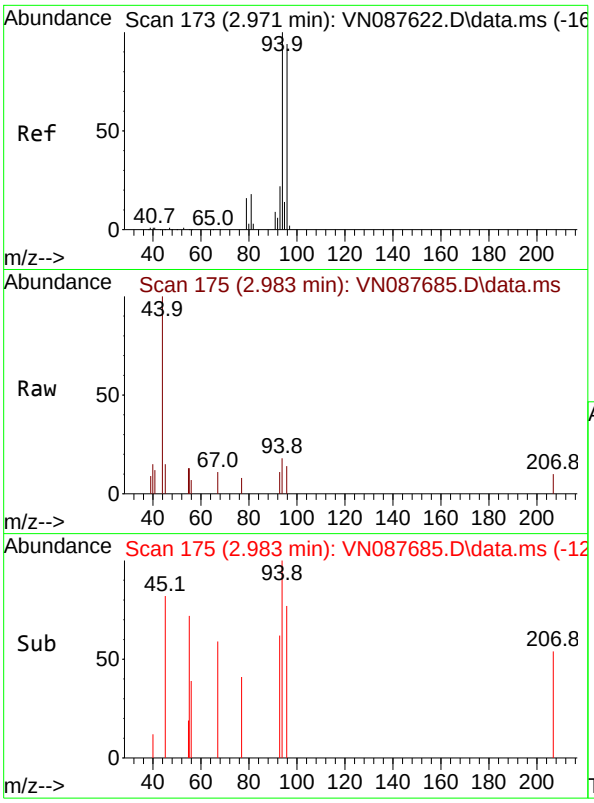


#3
Chloromethane
Concen: 5.953 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 50 Resp: 14758

Ion	Ratio	Lower	Upper
50	100		
52	34.5	26.2	39.4



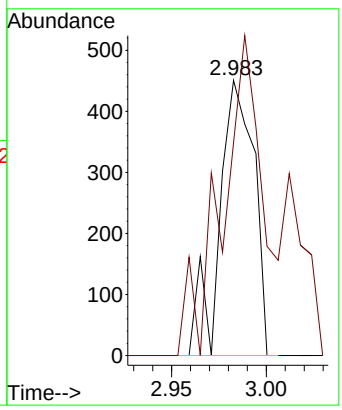


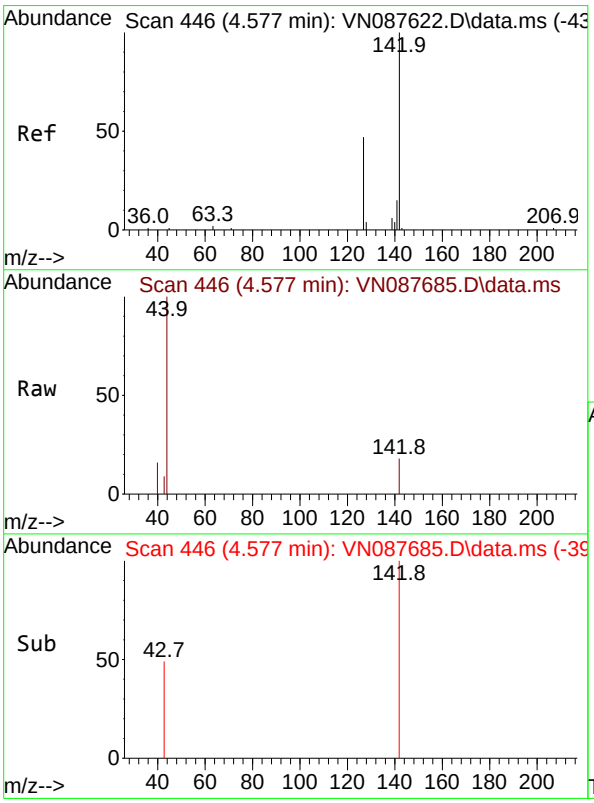
#5
Bromomethane
Concen: 0.386 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 94 Resp: 573

Ion	Ratio	Lower	Upper
94	100		
96	77.4	75.4	113.2

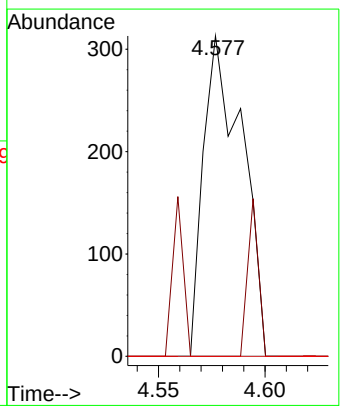


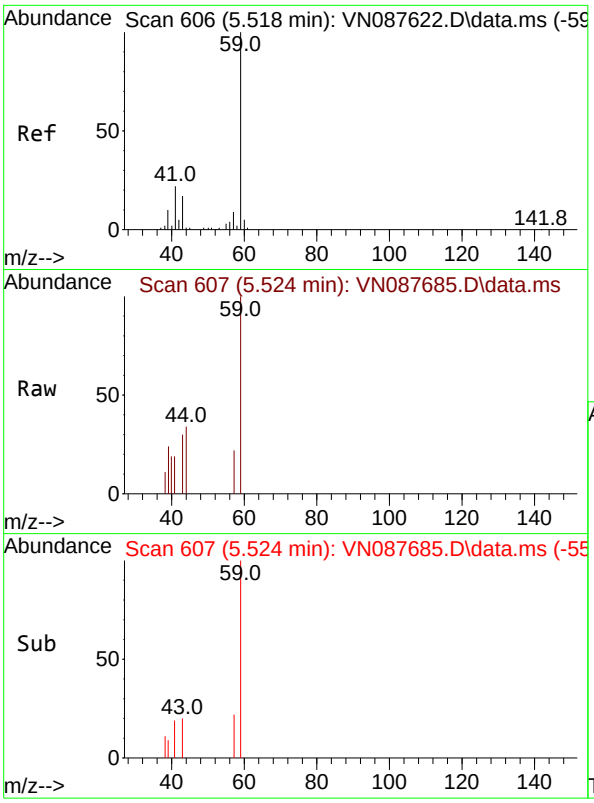


#10
Methyl Iodide
Concen: 7.003 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:142 Resp: 396

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



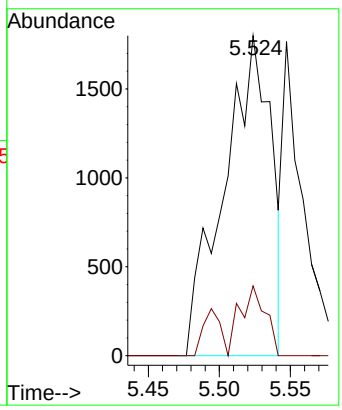


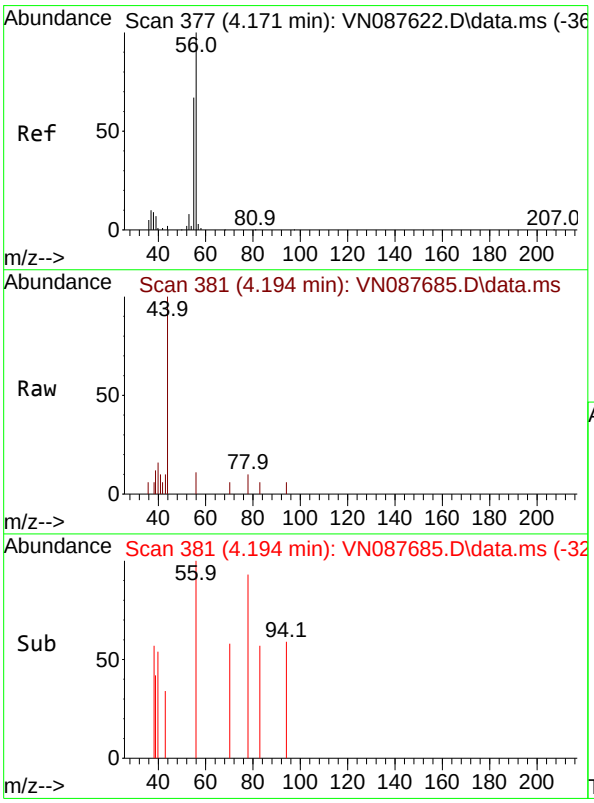
#11
Tert butyl alcohol
Concen: 6.908 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 59 Resp: 4173

Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.0	13.4

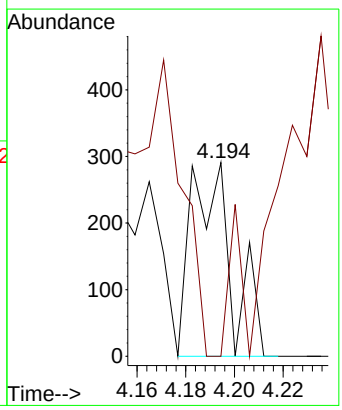


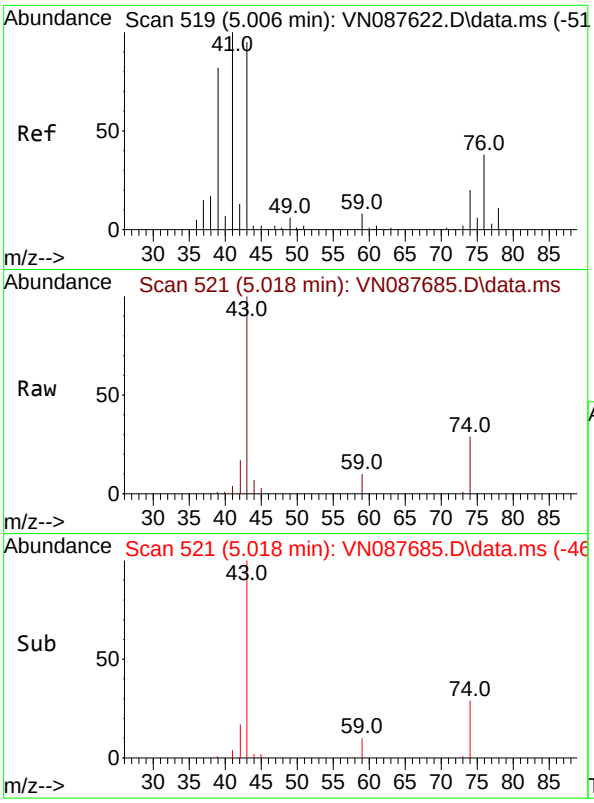


#13
Acrolein
Concen: 0.446 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.023 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 56 Resp: 331

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#



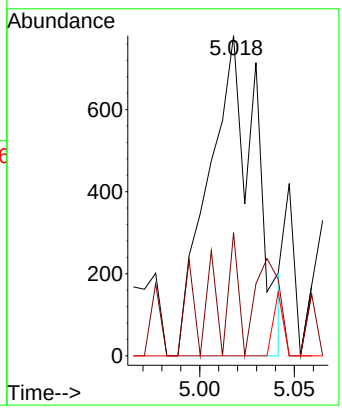


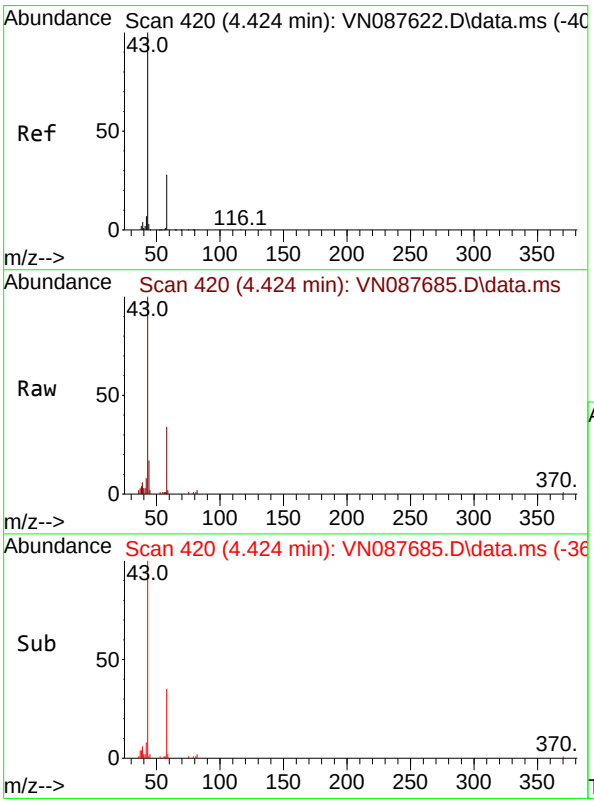
#14
Allyl chloride
Concen: 0.307 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 41 Resp: 1363

Ion	Ratio	Lower	Upper
41	100		
39	6.6	63.9	95.9#
76	0.0	28.1	42.1#

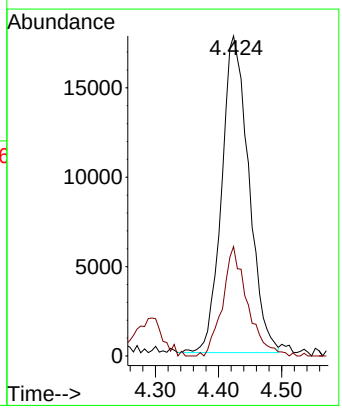


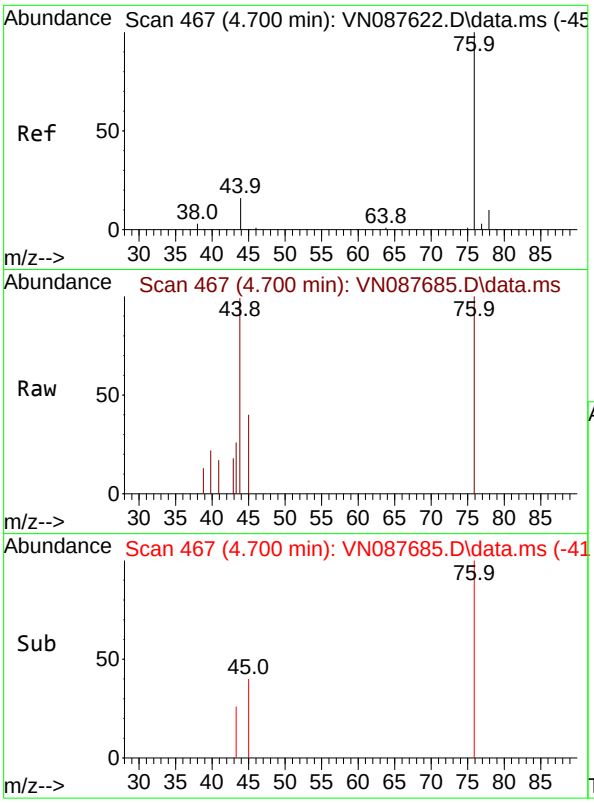


#16
Acetone
Concen: 28.022 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 53081

Ion	Ratio	Lower	Upper
43	100		
58	34.6	22.6	33.8#



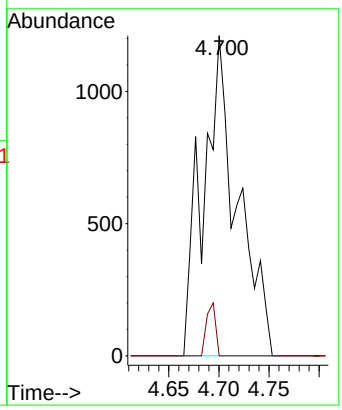


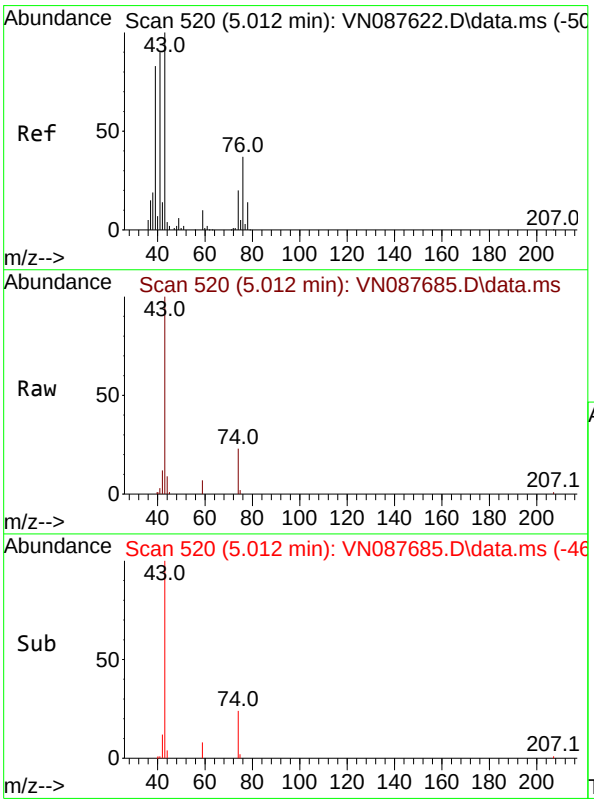
#17
Carbon Disulfide
Concen: 0.428 ug/l
RT: 4.700 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 76 Resp: 2887

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

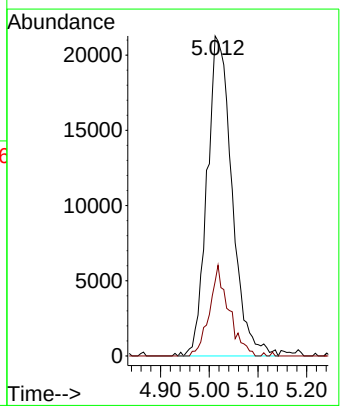


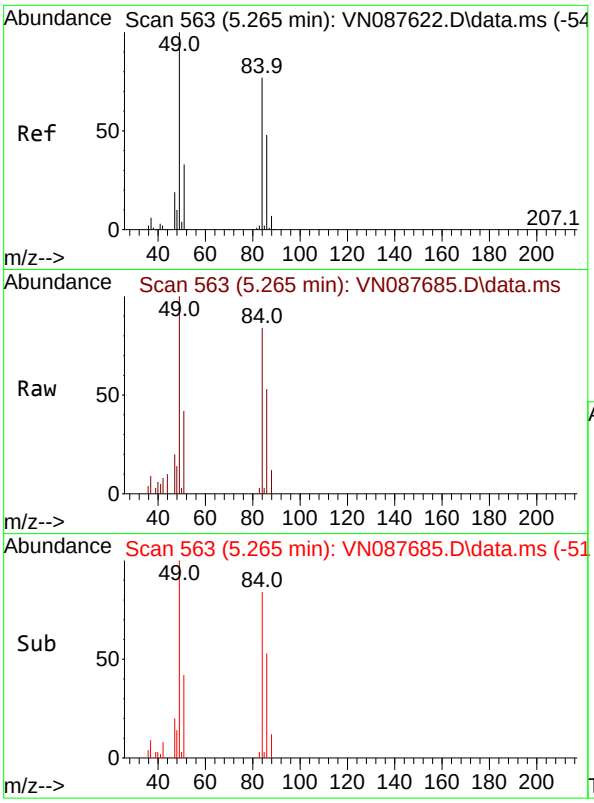


#18
Methyl Acetate
Concen: 19.045 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 75536

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.6	26.4



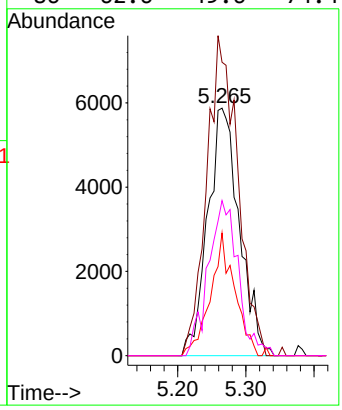


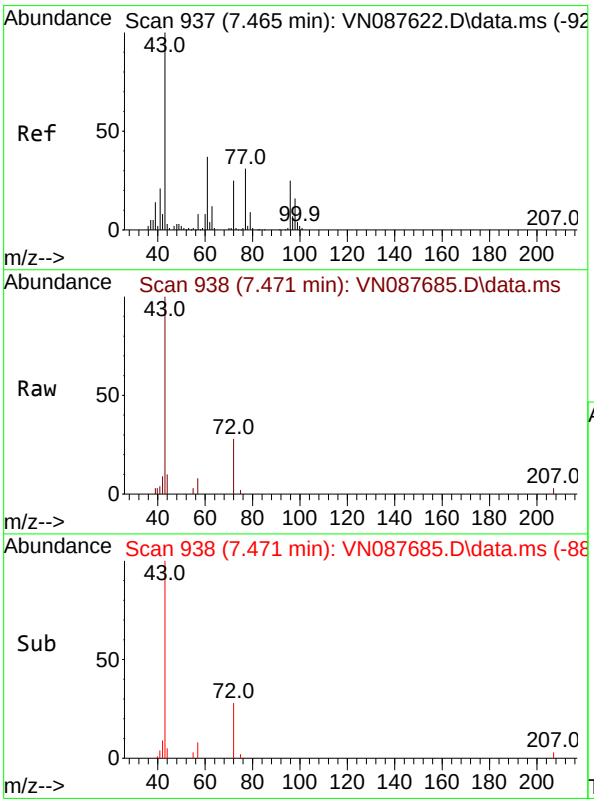
#20
Methylene Chloride
Concen: 5.817 ug/l
RT: 5.265 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 84 Resp: 18944

Ion	Ratio	Lower	Upper
84	100		
49	118.5	103.4	155.2
51	49.5	33.8	50.8
86	62.6	49.6	74.4

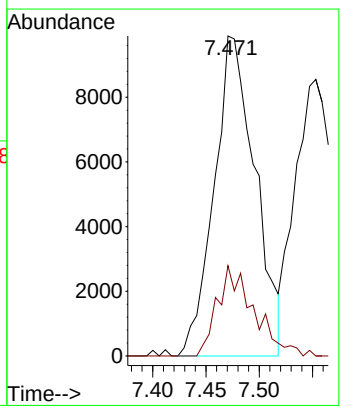


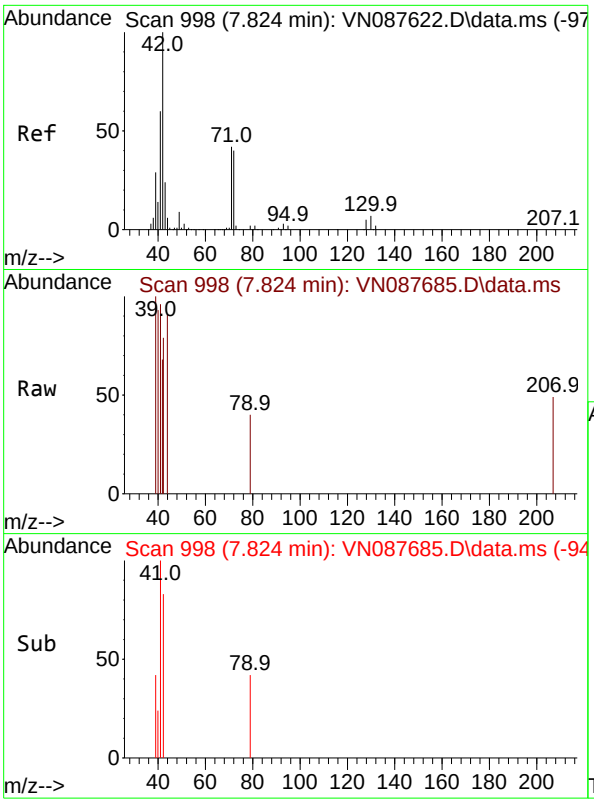


#25
2-Butanone
Concen: 10.633 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 26500

Ion	Ratio	Lower	Upper
43	100		
72	28.2	19.9	29.9



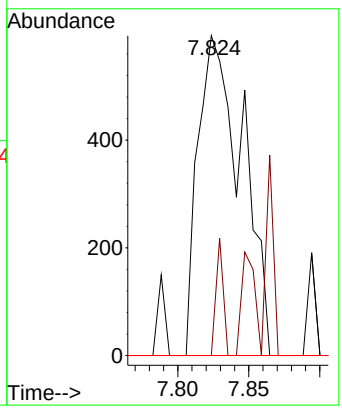


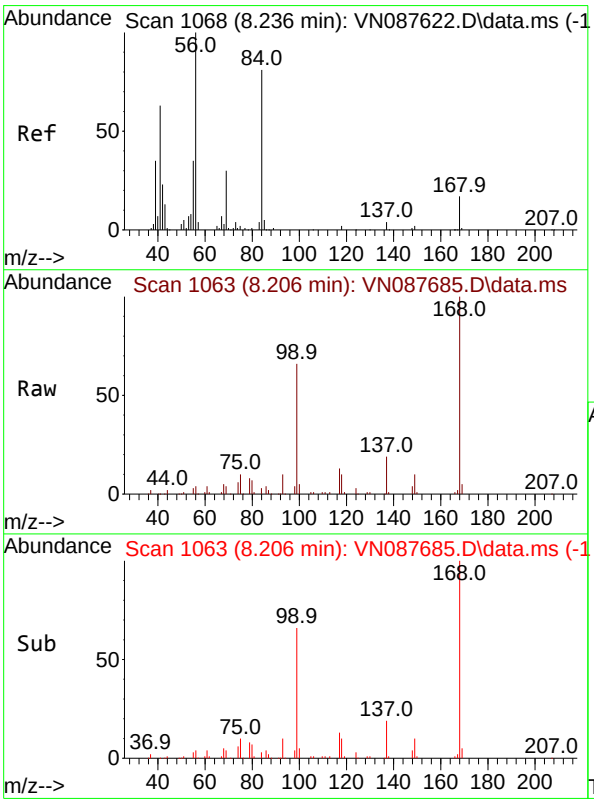
#29
Tetrahydrofuran
Concen: 0.805 ug/l
RT: 7.824 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 42 Resp: 1291

Ion	Ratio	Lower	Upper
42	100		
72	6.0	33.7	50.5#
71	0.0	31.9	47.9#

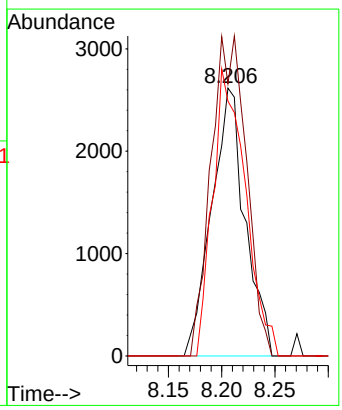


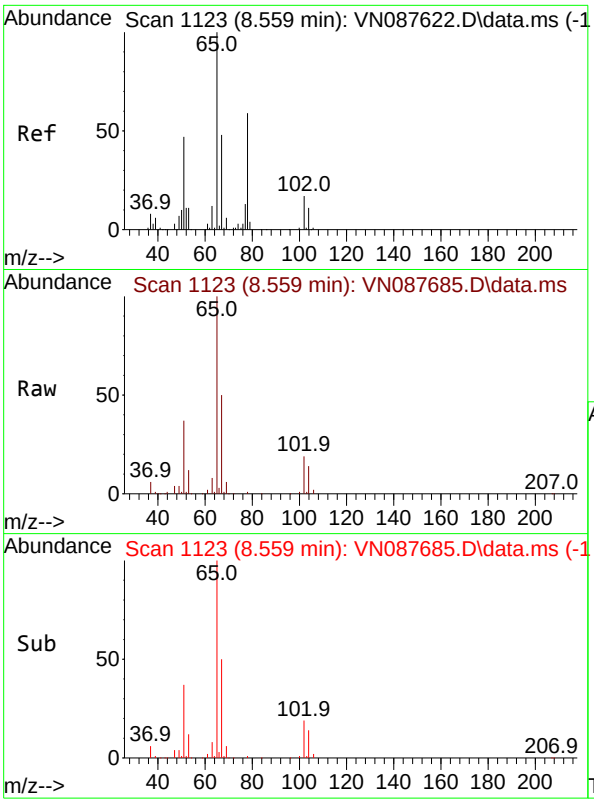


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 56 Resp: 5731

Ion	Ratio	Lower	Upper
56	100		
69	101.6	23.7	35.5#
84	95.1	64.7	97.1



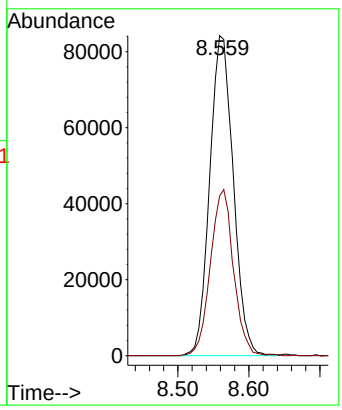


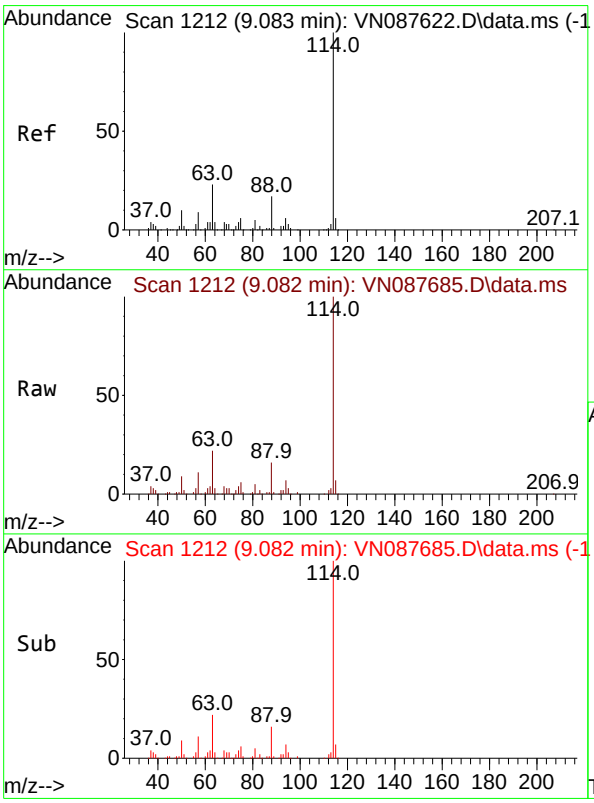
#33
1,2-Dichloroethane-d4
Concen: 55.699 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 65 Resp: 193821

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0

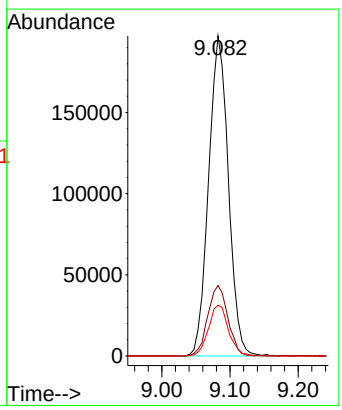


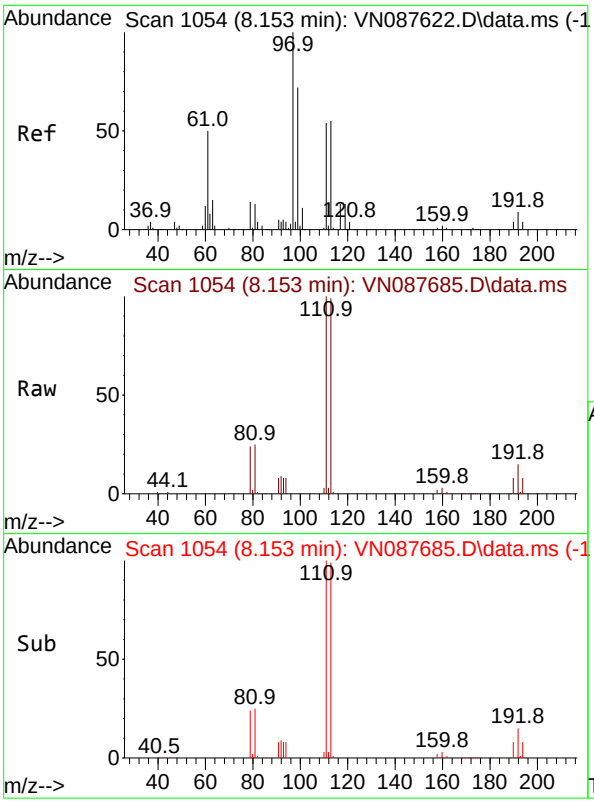


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:114 Resp: 398677

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	15.9	0.0	33.4



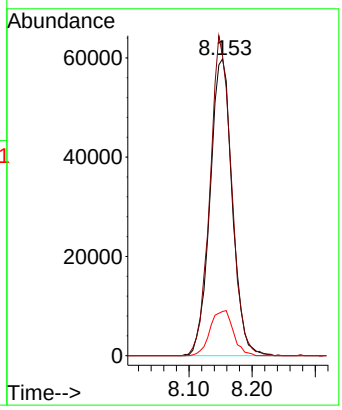


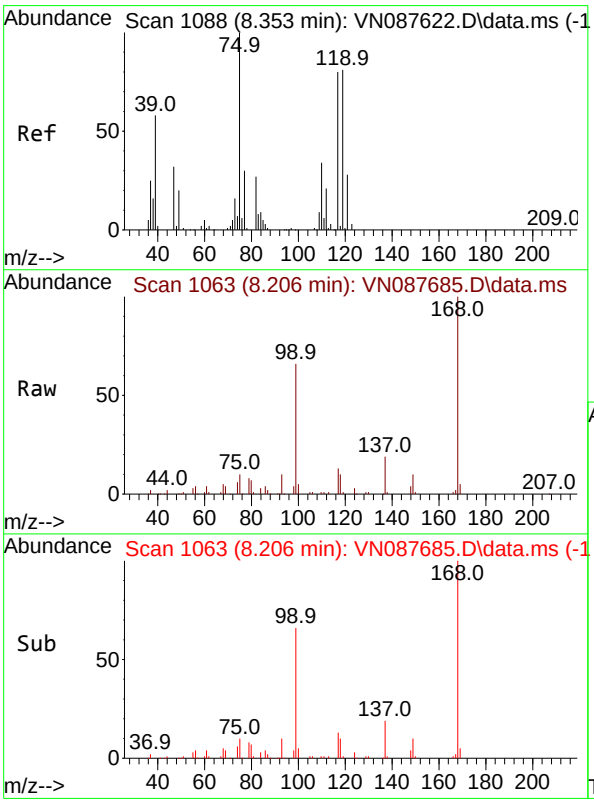
#35
Dibromofluoromethane
Concen: 50.816 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:113 Resp: 146270

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	15.8	12.8	19.2

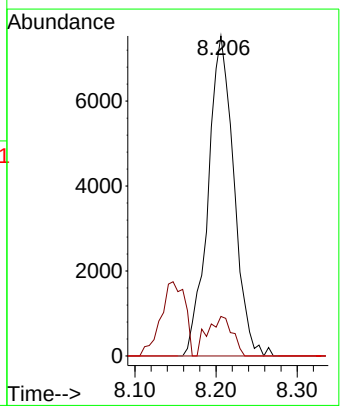


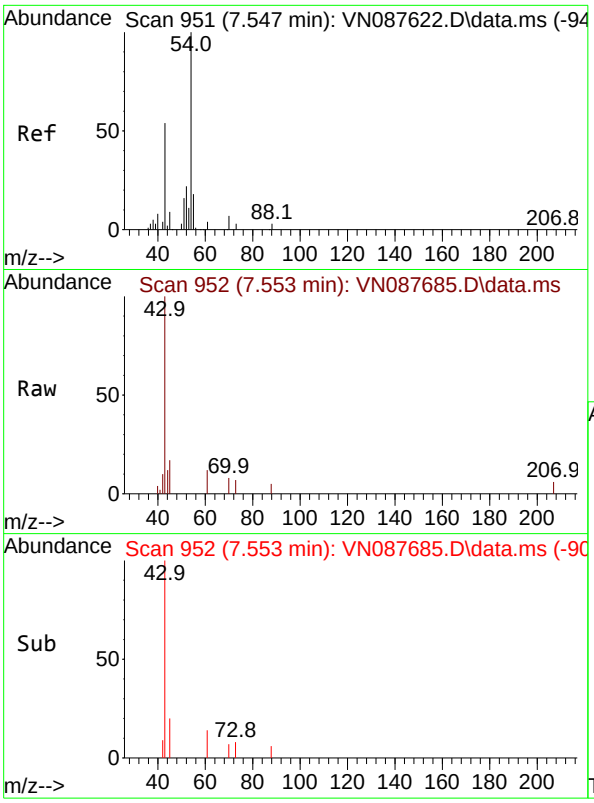


#36
1,1-Dichloropropene
Concen: 3.776 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 75 Resp: 16675

Ion	Ratio	Lower	Upper
75	100		
110	11.8	15.9	47.6#
77	0.0	24.4	36.6#



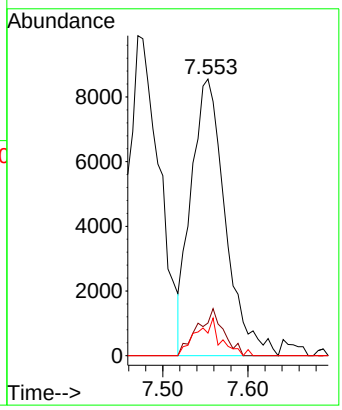


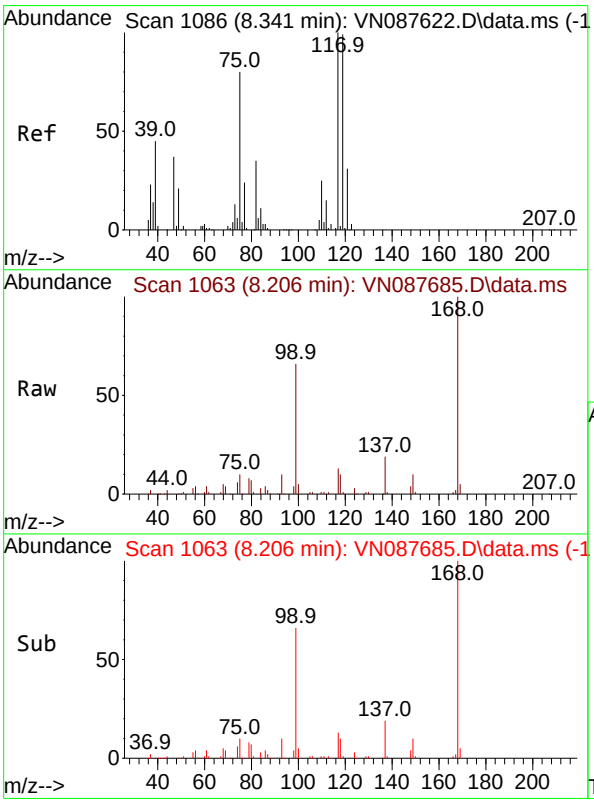
#37
Ethyl Acetate
Concen: 3.954 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 43 Resp: 23861

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.3	13.9
70	9.6	7.0	10.6

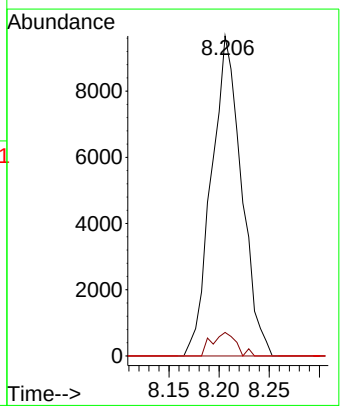


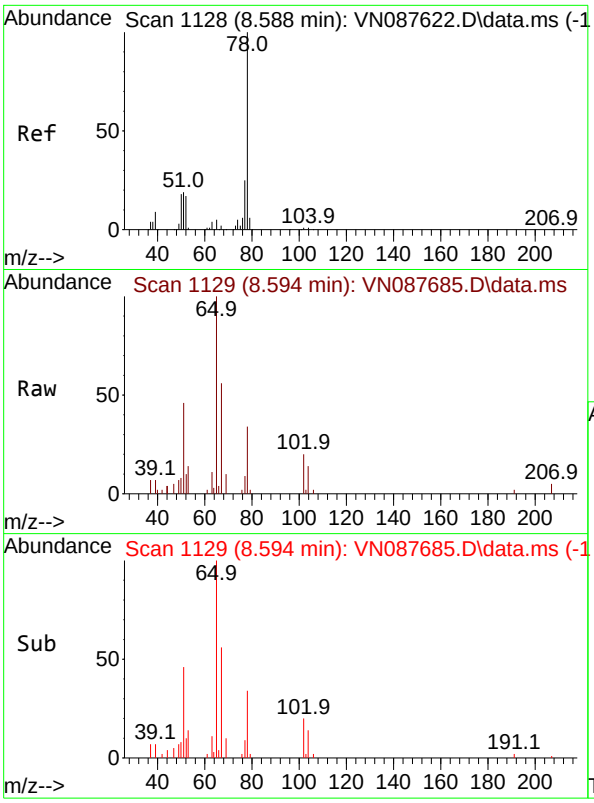


#38
Carbon Tetrachloride
Concen: 4.622 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.136 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:117 Resp: 20152

Ion	Ratio	Lower	Upper
117	100		
119	7.4	79.0	118.6#
121	0.0	25.0	37.6#



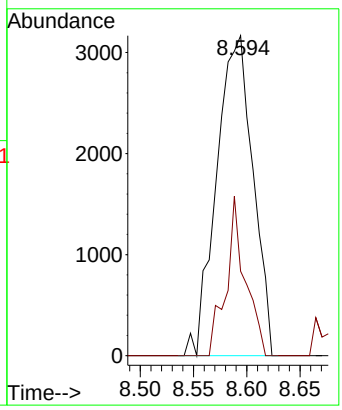


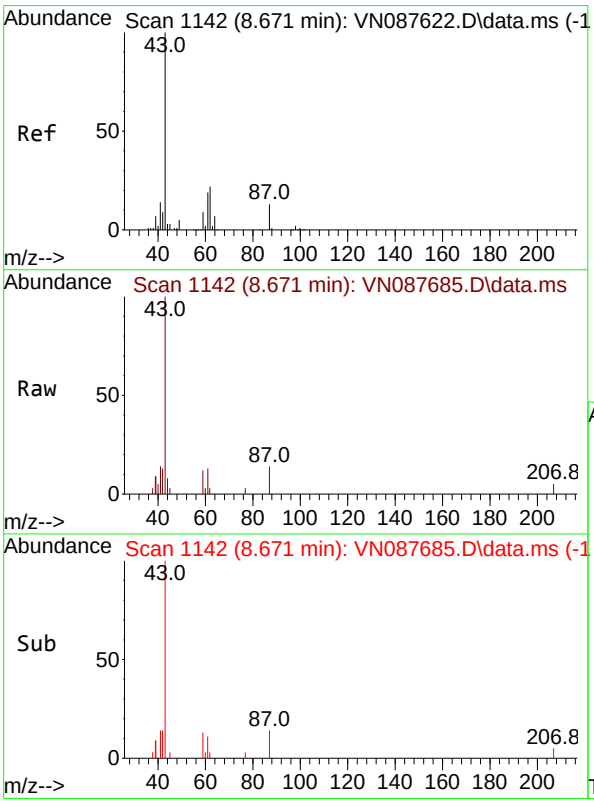
#40
Benzene
Concen: 0.555 ug/l
RT: 8.594 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 78 Resp: 7522

Ion	Ratio	Lower	Upper
78	100		
77	26.4	19.7	29.5

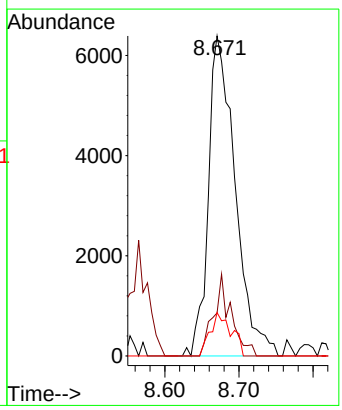


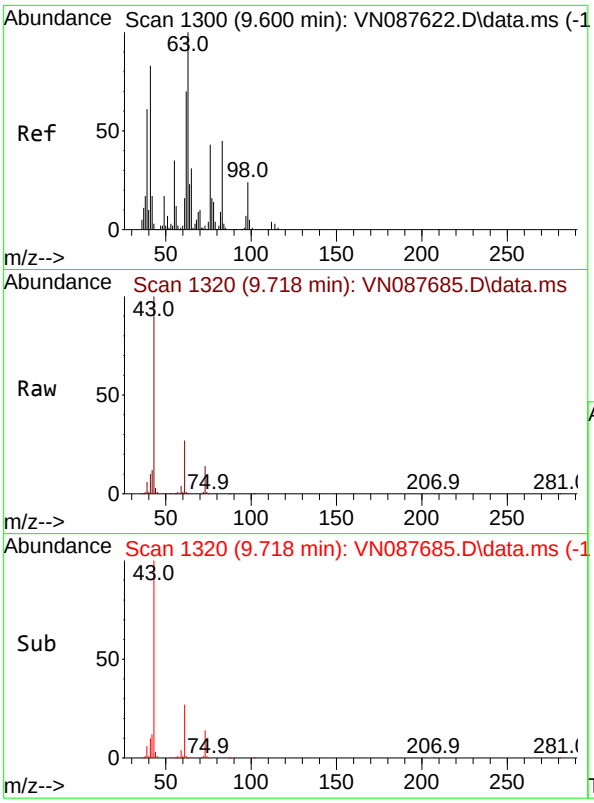


#43
Isopropyl Acetate
Concen: 1.706 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 43 Resp: 16072

Ion	Ratio	Lower	Upper
43	100		
61	16.8	18.8	28.2#
87	10.6	9.6	14.4



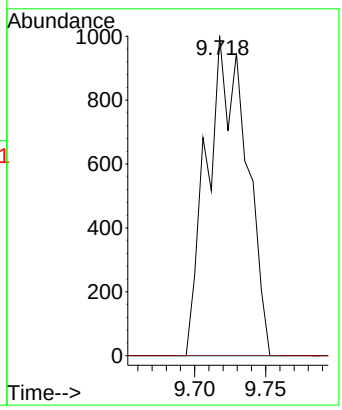


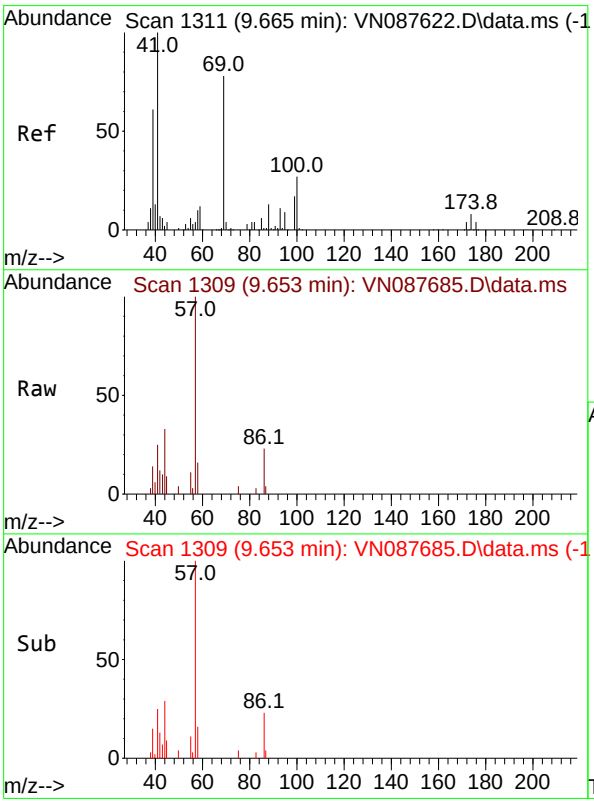
#45
1,2-Dichloropropane
Concen: 0.540 ug/l
RT: 9.718 min Scan# 1
Delta R.T. 0.117 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 63 Resp: 1929

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

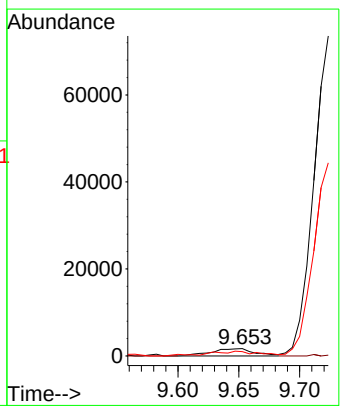


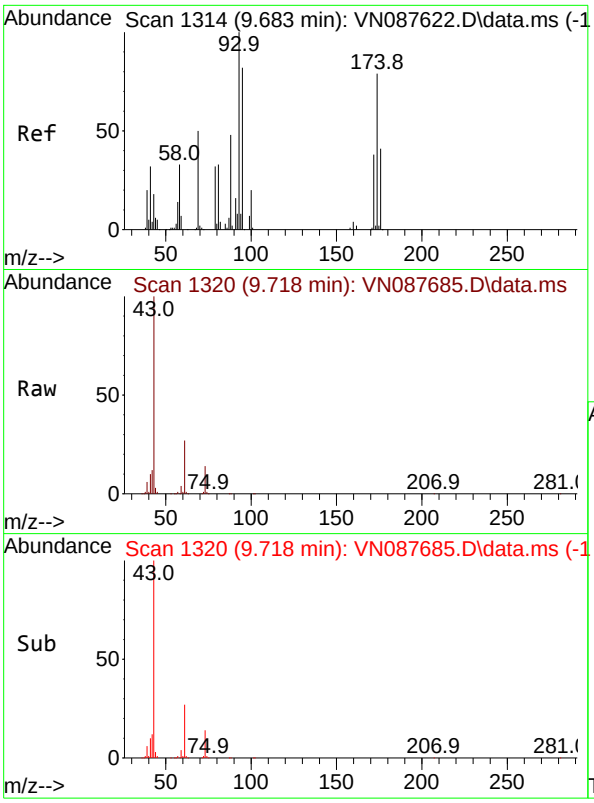


#48
Methyl methacrylate
Concen: 0.943 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.012 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 41 Resp: 4204

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	0.0	52.9	79.3#



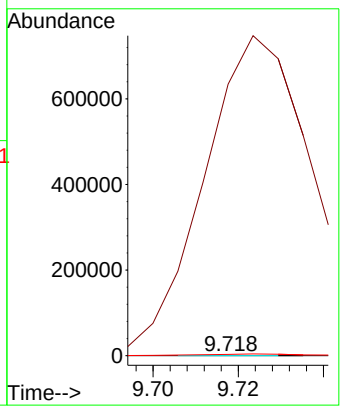


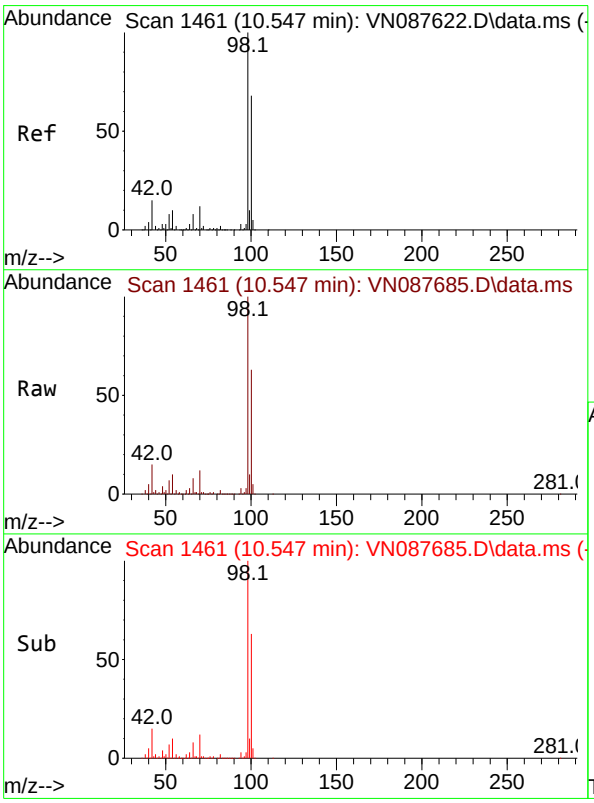
#49
1,4-Dioxane
Concen: 1.281 ug/l
RT: 9.718 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	1877795.9	0.0	0.0#
58	9577.0	57.9	86.9#

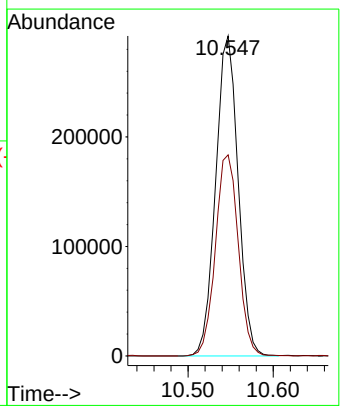


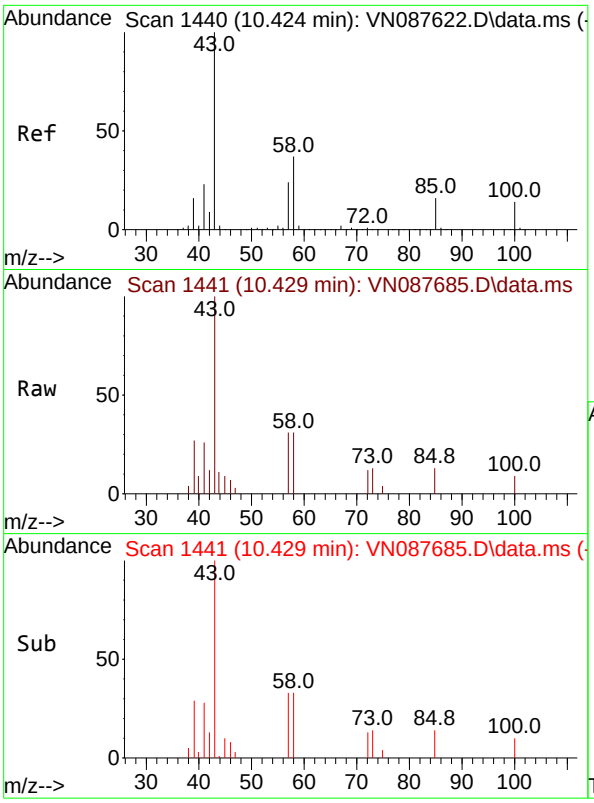


#50
Toluene-d8
Concen: 49.743 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 98 Resp: 535900

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2



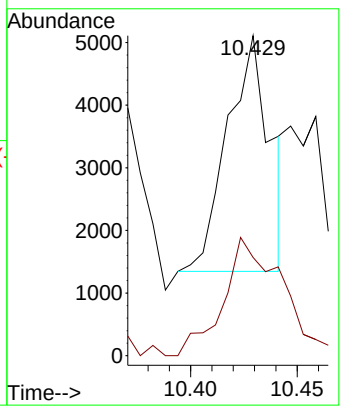


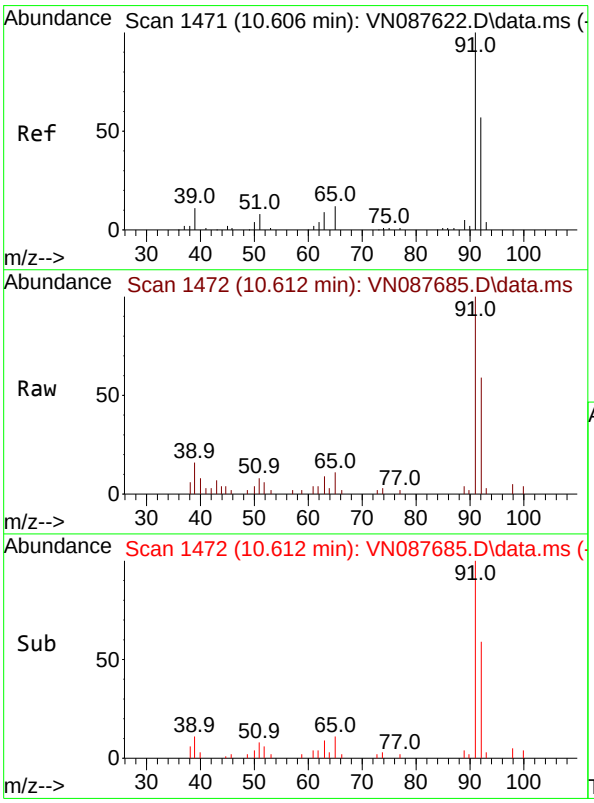
#51
4-Methyl-2-Pentanone
Concen: 0.923 ug/l
RT: 10.429 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 43 Resp: 5244

Ion	Ratio	Lower	Upper
43	100		
58	71.2	29.6	44.4#

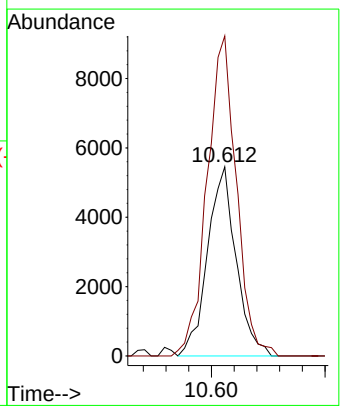


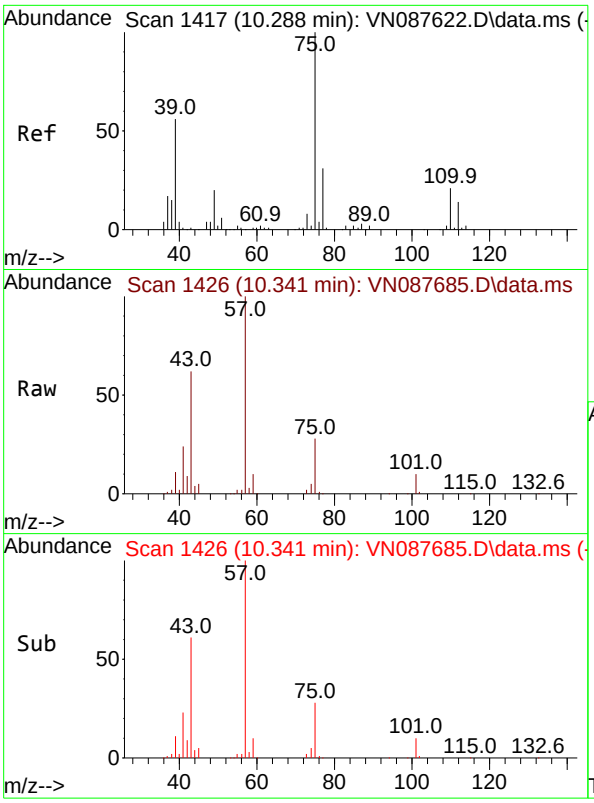


#52
Toluene
Concen: 1.135 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 92 Resp: 9526

Ion	Ratio	Lower	Upper
92	100		
91	173.0	140.4	210.6



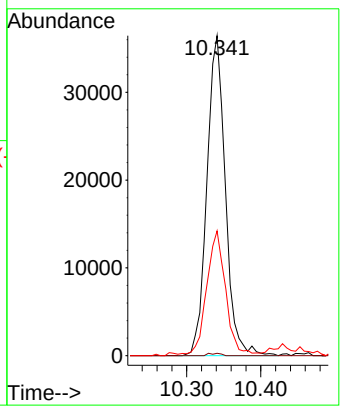


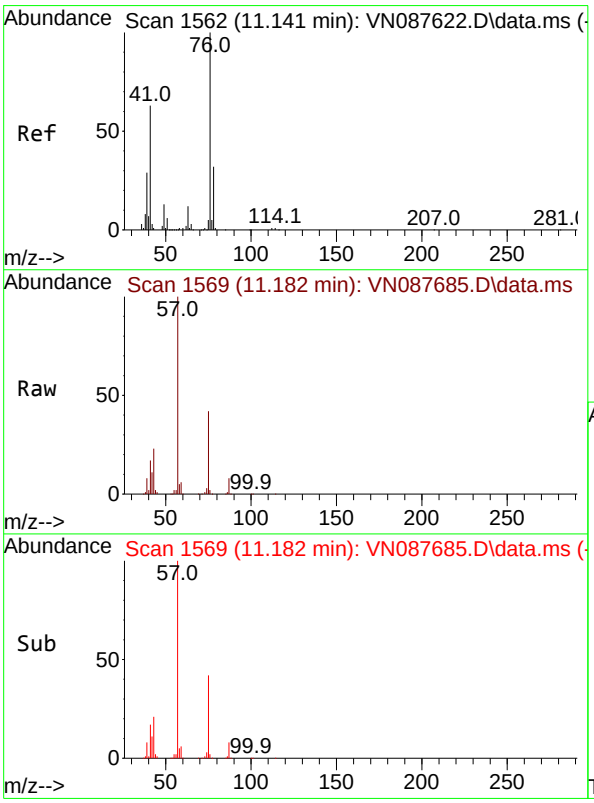
#54
cis-1,3-Dichloropropene
Concen: 11.275 ug/l
RT: 10.341 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 75 Resp: 63096

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.6	37.0#
39	38.6	45.2	67.8#

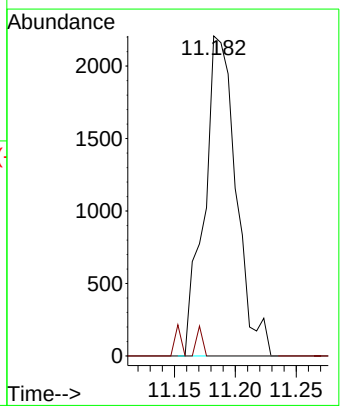


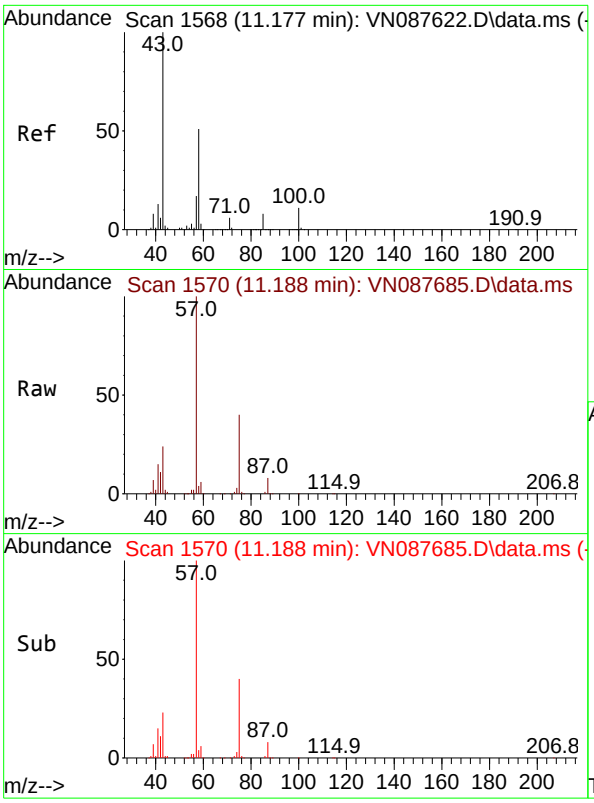


#57
1,3-Dichloropropane
Concen: 0.699 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.041 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 76 Resp: 4020

Ion	Ratio	Lower	Upper
76	100		
78	1.8	26.2	39.4#



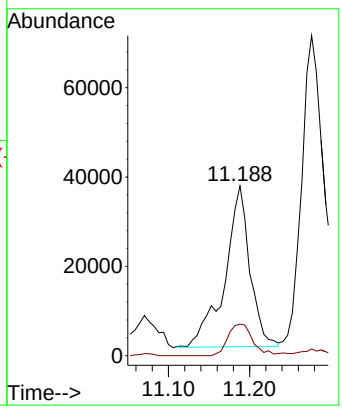


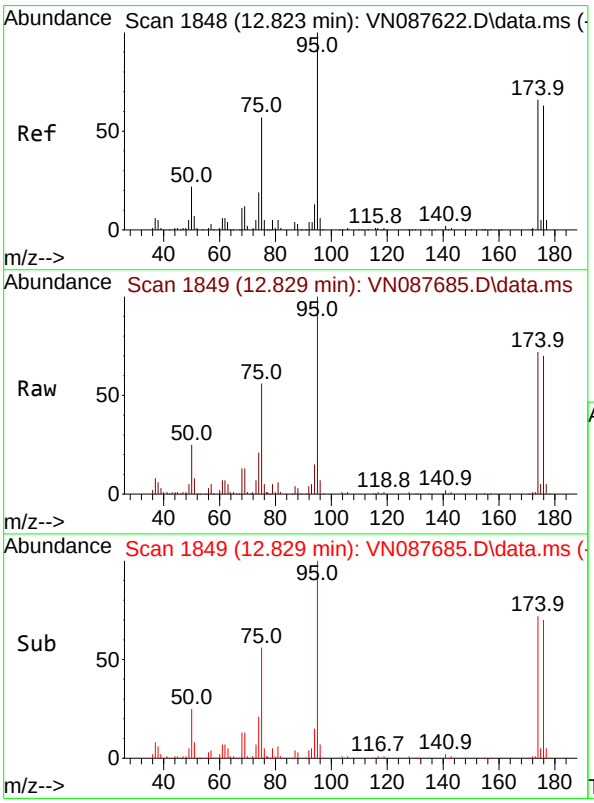
#59
2-Hexanone
Concen: 21.491 ug/l
RT: 11.188 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 43 Resp: 77204

Ion	Ratio	Lower	Upper
43	100		
58	19.5	25.9	77.8#

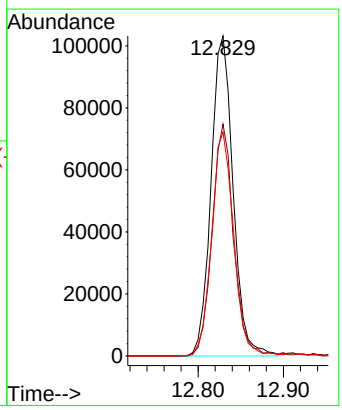


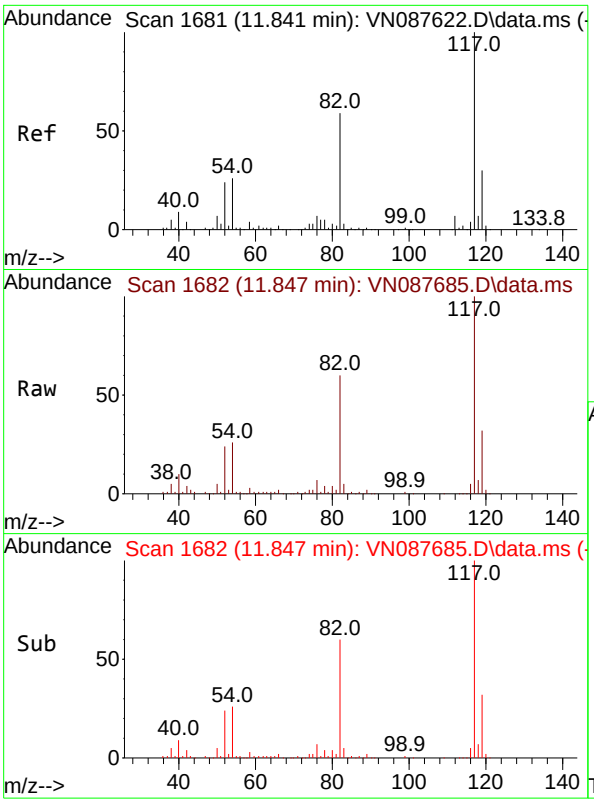


#62
4-Bromofluorobenzene
Concen: 48.376 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 95 Resp: 185348

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	138.4
176	69.6	0.0	132.6



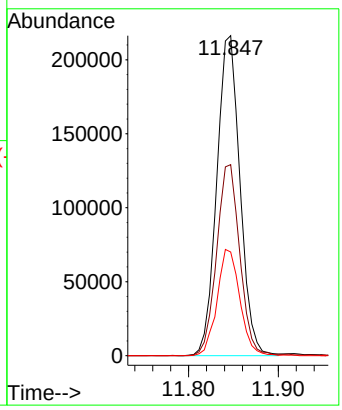


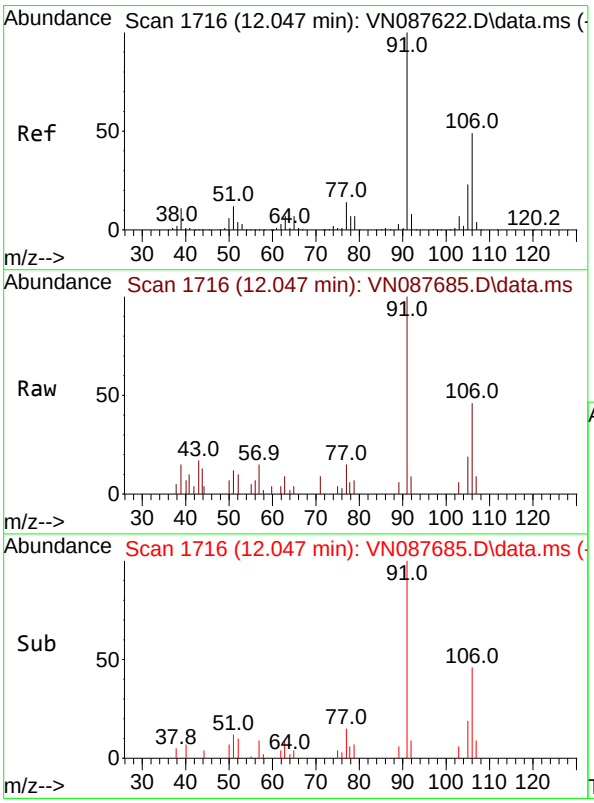
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:117 Resp: 389346

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.4	24.3	36.5

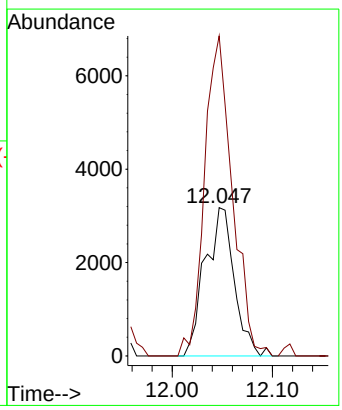


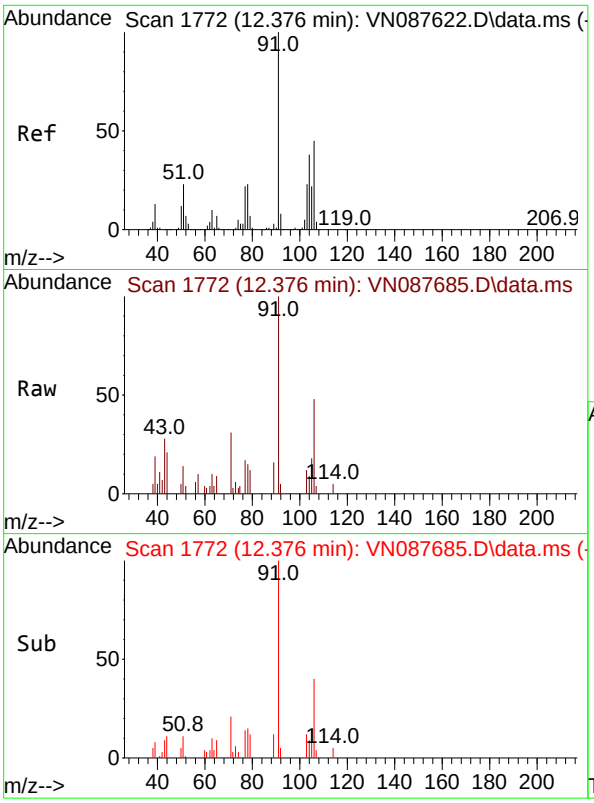


#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:106 Resp: 6438

Ion	Ratio	Lower	Upper
106	100		
91	205.5	169.3	253.9



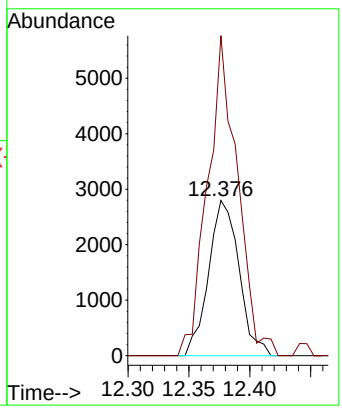


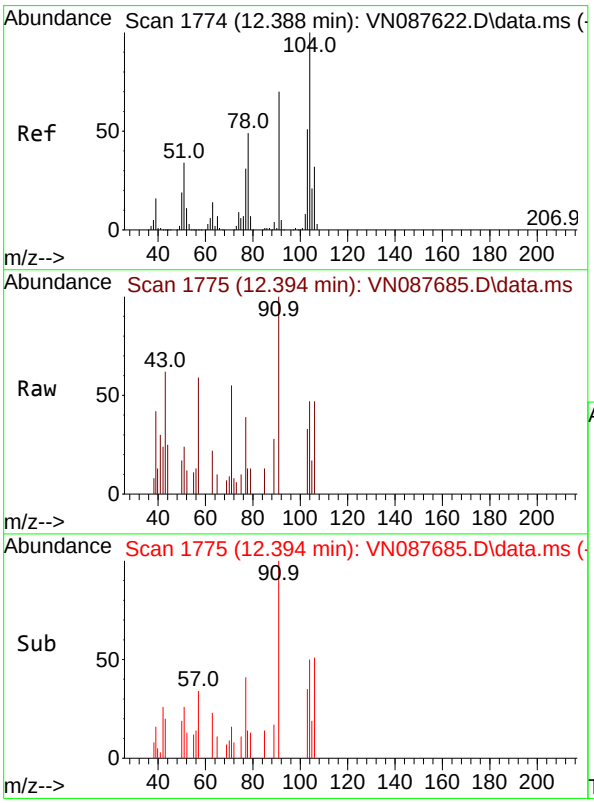
#69
o-Xylene
Concen: 0.808 ug/l
RT: 12.376 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:106 Resp: 4869

Ion	Ratio	Lower	Upper
106	100		
91	202.4	111.4	334.2

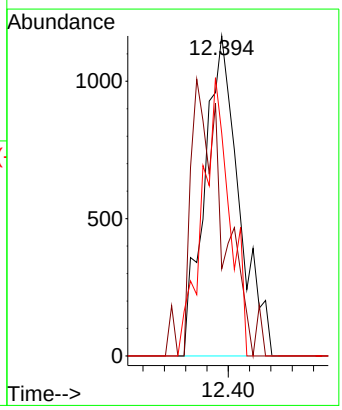


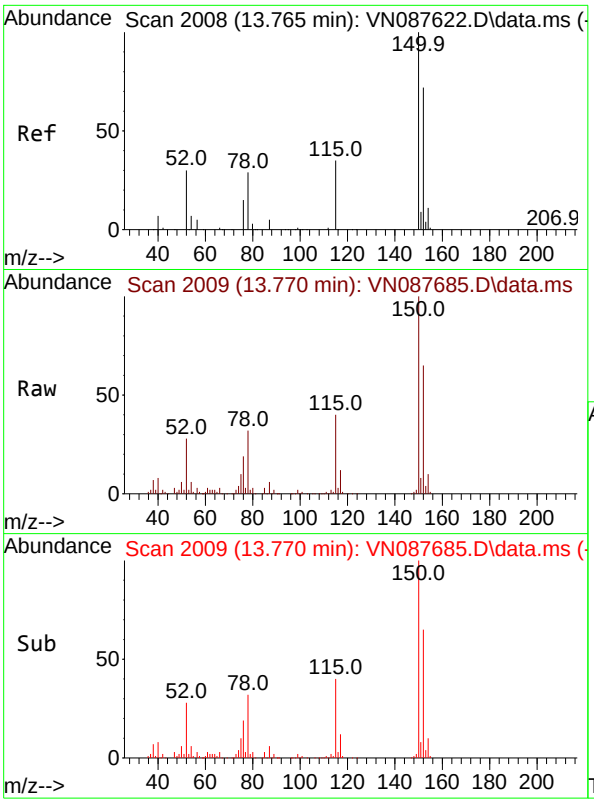


#70
Styrene
Concen: 0.261 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:104 Resp: 2634

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.2	63.2#
103	68.7	43.4	65.2#



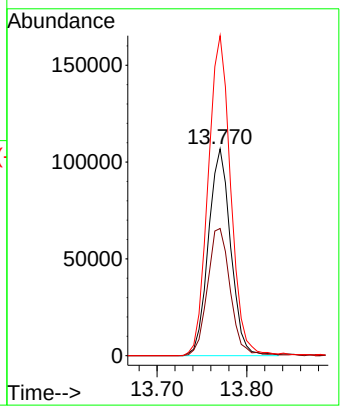


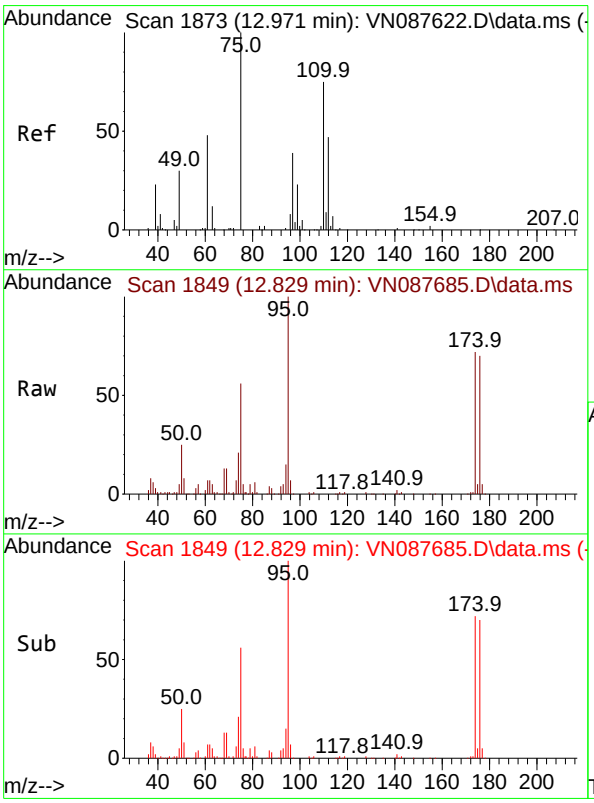
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:152 Resp: 184217

Ion	Ratio	Lower	Upper
152	100		
115	63.1	32.3	96.8
150	157.1	0.0	351.0

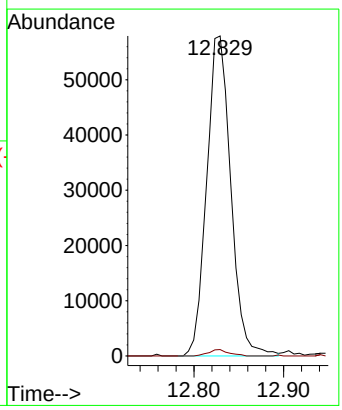


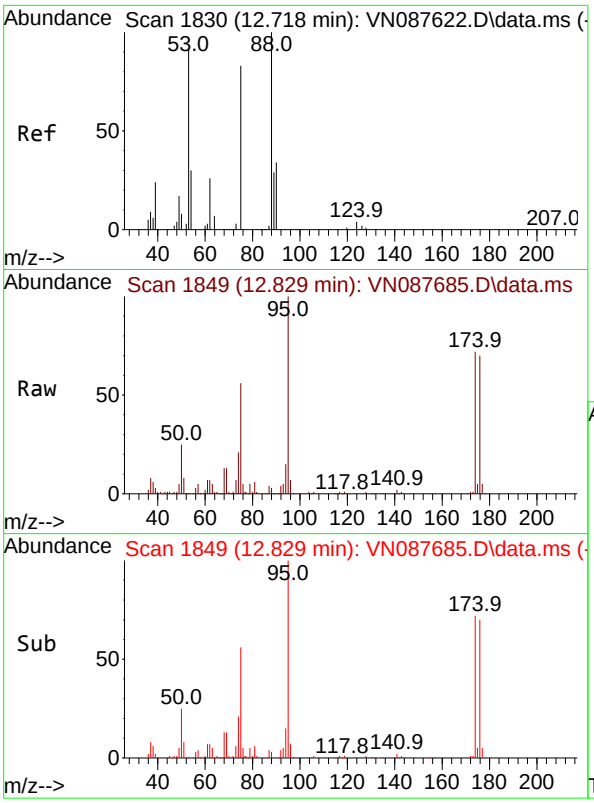


#76
1,2,3-Trichloropropane
Concen: 25.045 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion: 75 Resp: 108192

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#



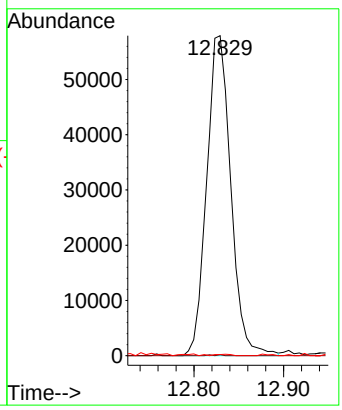


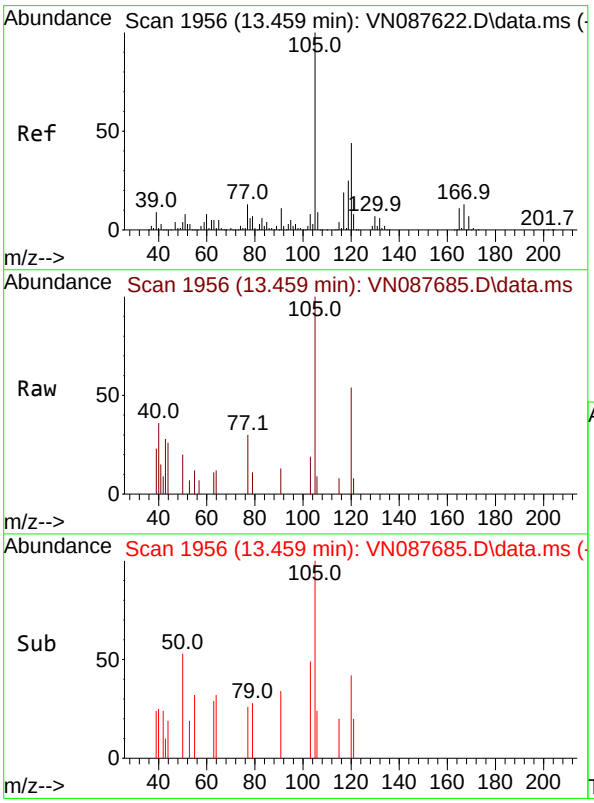
#81
trans-1,4-Dichloro-2-butene
Concen: 66.303 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion: 75 Resp: 108192

Ion	Ratio	Lower	Upper
75	100		
53	0.1	101.8	152.6#
89	0.3	35.6	53.4#

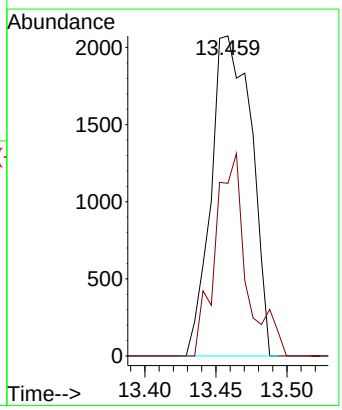


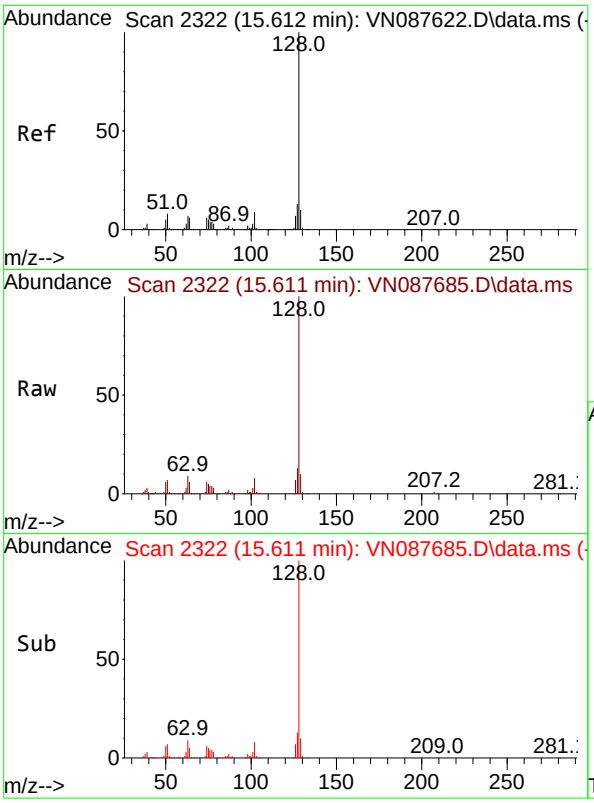


#84
1,2,4-Trimethylbenzene
Concen: 0.325 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Tgt Ion:105 Resp: 4114

Ion	Ratio	Lower	Upper
105	100		
120	49.0	22.0	66.0





#95
Naphthalene
Concen: 10.809 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087685.D
Acq: 28 Aug 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
NWB-2202

Tgt Ion:128 Resp: 150758

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.4	8.6	12.8