Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088250.D
Acq On : 11 Nov 2025 12:43
Operator : JC\MD
Sample : Q3581-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Quant Time: Nov 12 01:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	210442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	466987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	469026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209384	57.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.080%			
35) Dibromofluoromethane	8.147	113	156160	49.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	10.541	98	578726	47.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.740%			
62) 4-Bromofluorobenzene	12.829	95	225525	52.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	5128	8.180	ug/l #	79
13) Acrolein	4.183	56	422	0.598	ug/l #	14
16) Acetone	4.418	43	169525	92.729	ug/l	99
18) Methyl Acetate	5.024	43	6426	1.717	ug/l #	76
20) Methylene Chloride	5.271	84	12983	4.231	ug/l	94
25) 2-Butanone	7.465	43	17742	7.364	ug/l #	89
29) Tetrahydrofuran	7.824	42	1049	0.668	ug/l #	48
31) Cyclohexane	8.206	56	7039	1.382	ug/l #	56
36) 1,1-Dichloropropene	8.206	75	20890	4.560	ug/l #	53
37) Ethyl Acetate	7.465	43	17742	3.001	ug/l #	72
38) Carbon Tetrachloride	8.200	117	25366	5.362	ug/l #	15
43) Isopropyl Acetate	8.677	43	25472	2.804	ug/l #	92
45) 1,2-Dichloropropane	9.735	63	1060	0.301	ug/l #	43
48) Methyl methacrylate	9.724	41	87220	20.798	ug/l #	46
51) 4-Methyl-2-Pentanone	10.418	43	17333	3.226	ug/l #	82
54) cis-1,3-Dichloropropene	10.335	75	41645	7.332	ug/l #	69
57) 1,3-Dichloropropane	11.182	76	2704	0.471	ug/l #	42
59) 2-Hexanone	11.182	43	55122	15.463	ug/l #	50
71) Bromoform	12.829	173	1549	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	127664	25.320	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	127664	70.631	ug/l #	1

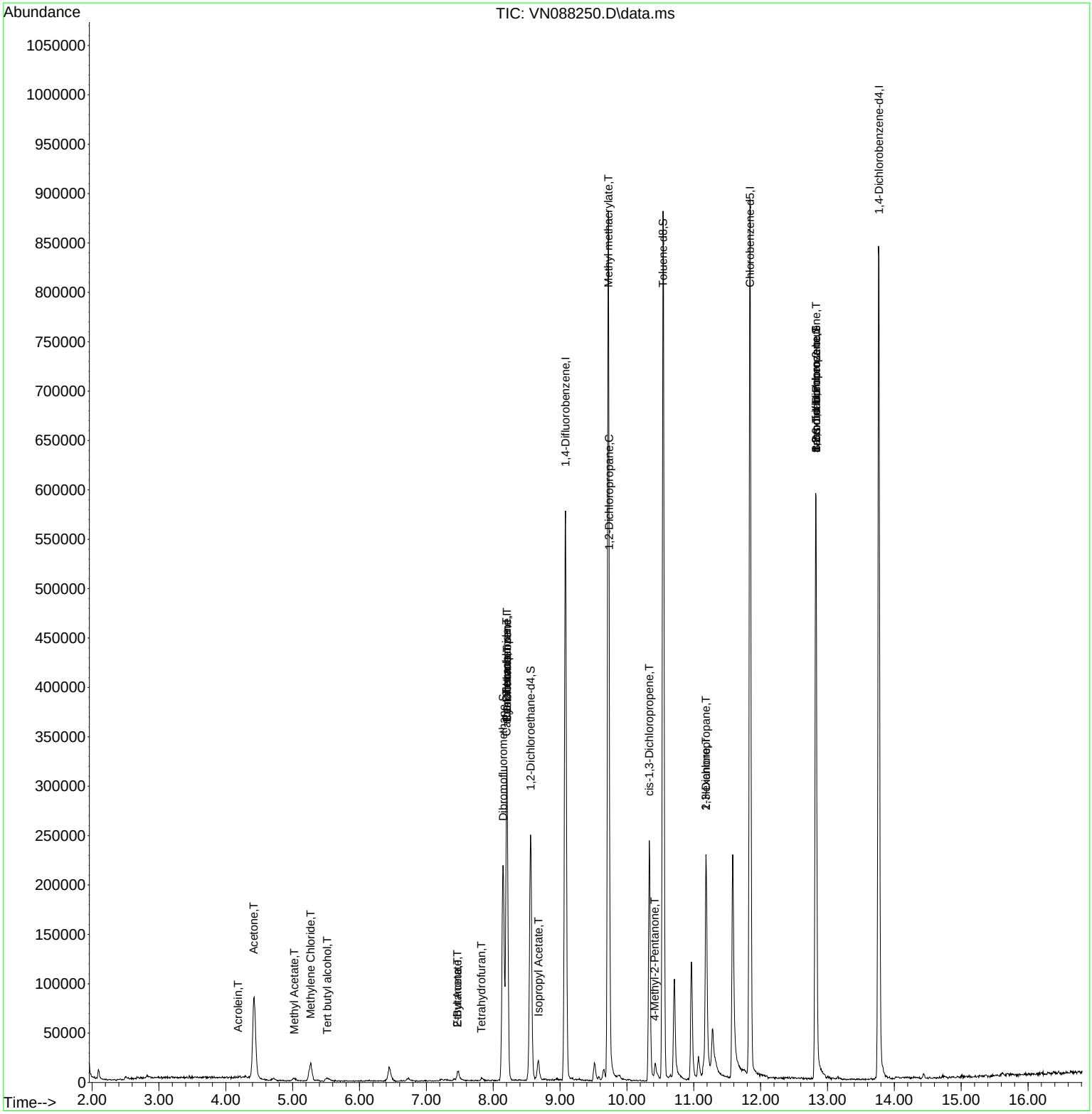
(#) = qualifier out of range (m) = manual integration (+) = signals summed

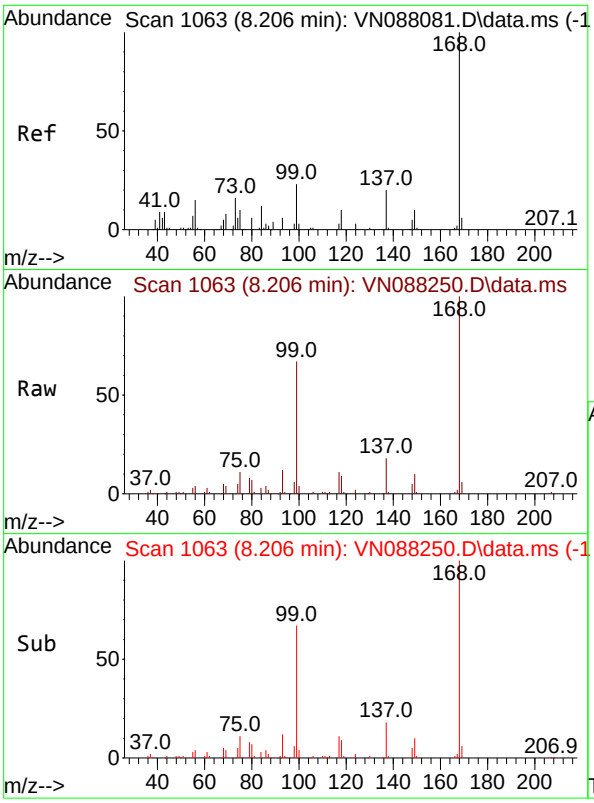
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
Data File : VN088250.D
Acq On : 11 Nov 2025 12:43
Operator : JC\MD
Sample : Q3581-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Quant Time: Nov 12 01:14:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



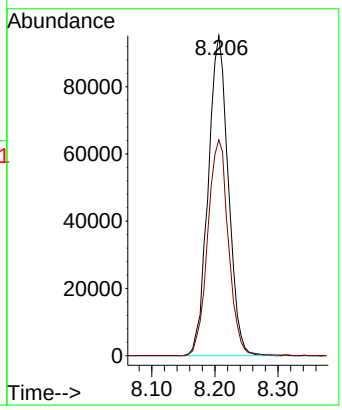


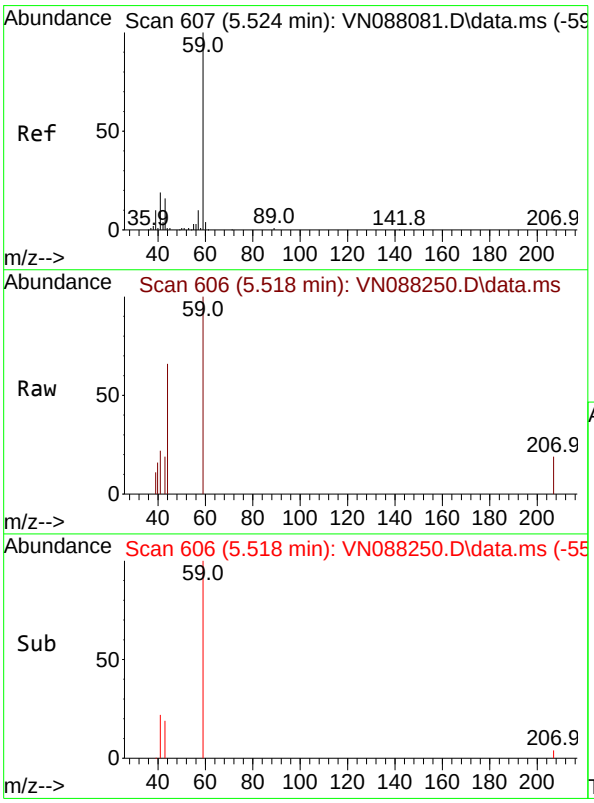
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:168 Resp: 210442

Ion	Ratio	Lower	Upper
168	100		
99	67.5	57.2	85.8

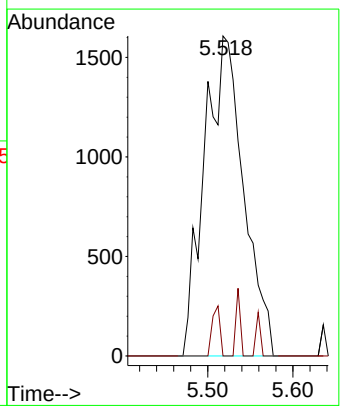


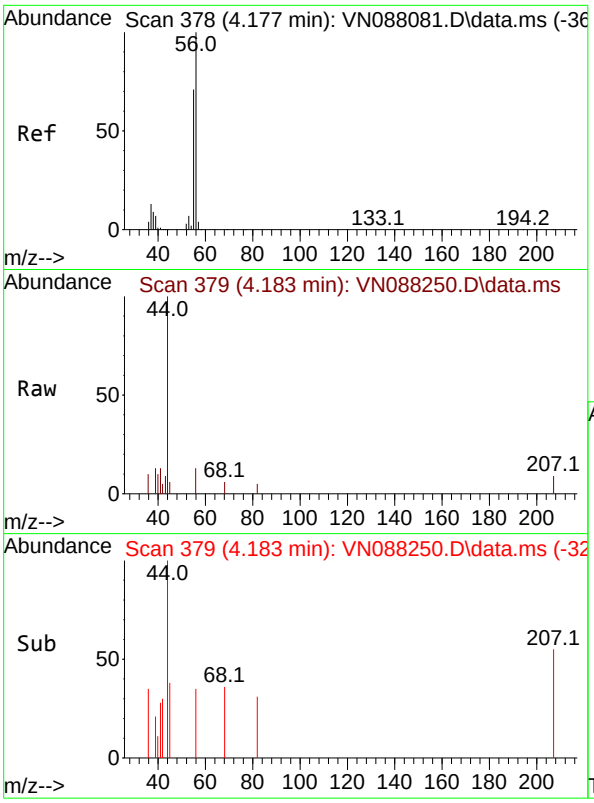


#11
Tert butyl alcohol
Concen: 8.180 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 59 Resp: 5128

Ion	Ratio	Lower	Upper
59	100		
57	3.1	9.0	13.4#



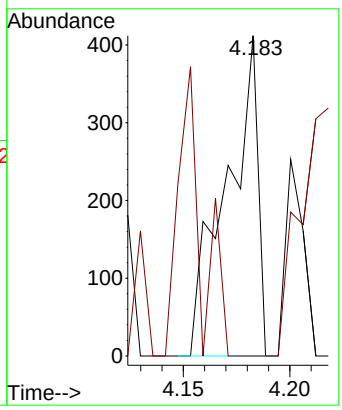


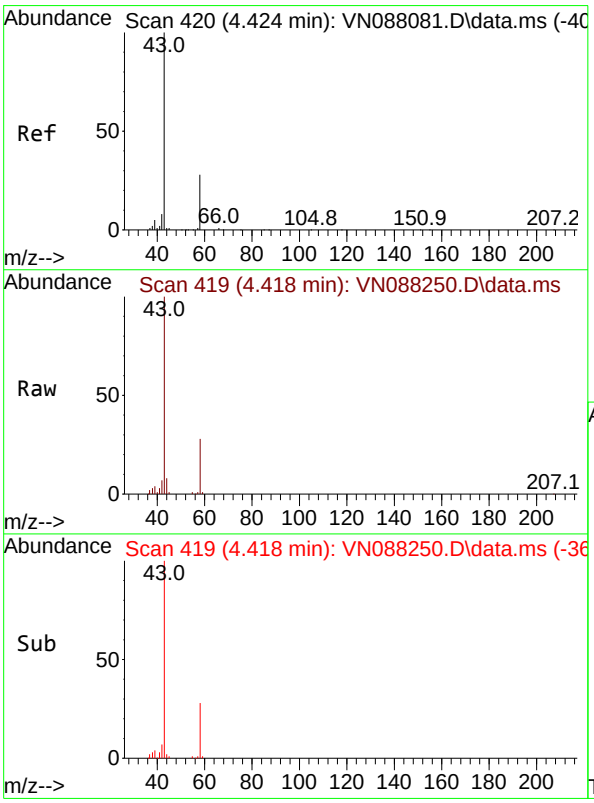
#13
Acrolein
Concen: 0.598 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 56 Resp: 422

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#

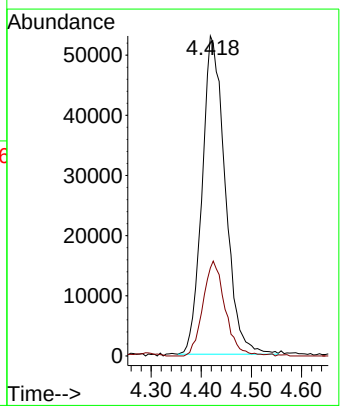


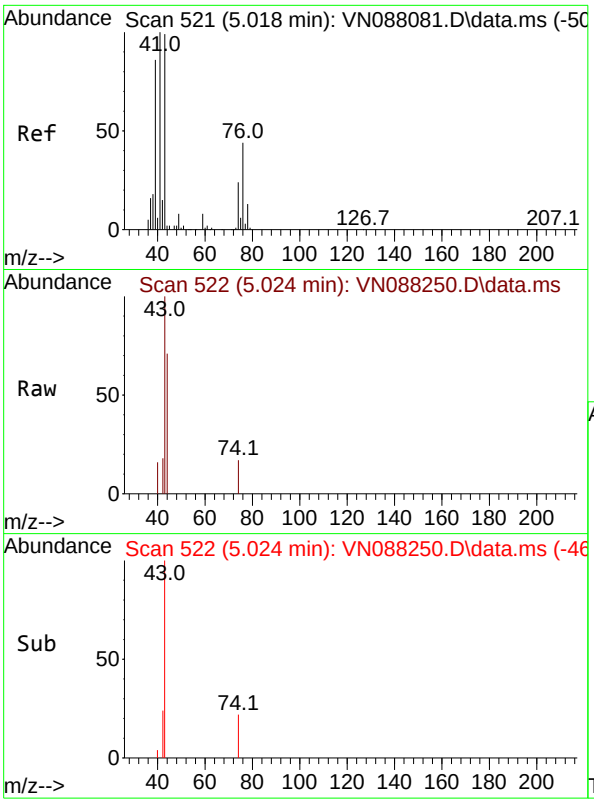


#16
Acetone
Concen: 92.729 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 169525

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.6	33.8



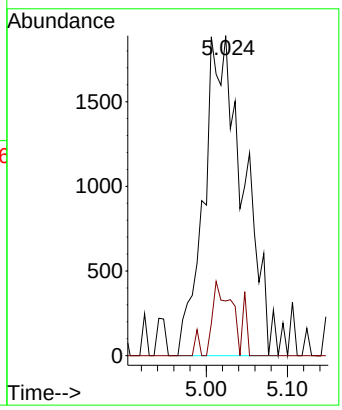


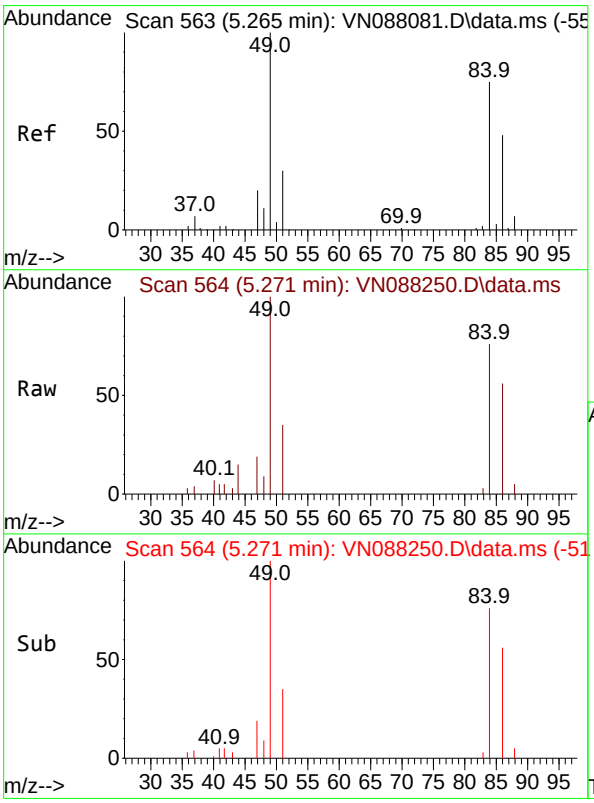
#18
Methyl Acetate
Concen: 1.717 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 43 Resp: 6426

Ion	Ratio	Lower	Upper
43	100		
74	10.4	17.6	26.4#

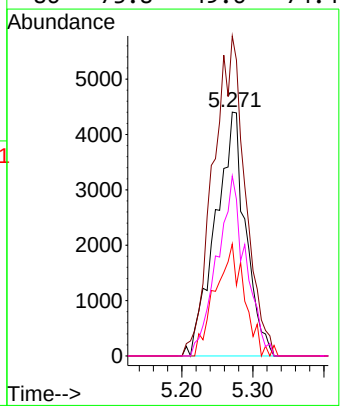


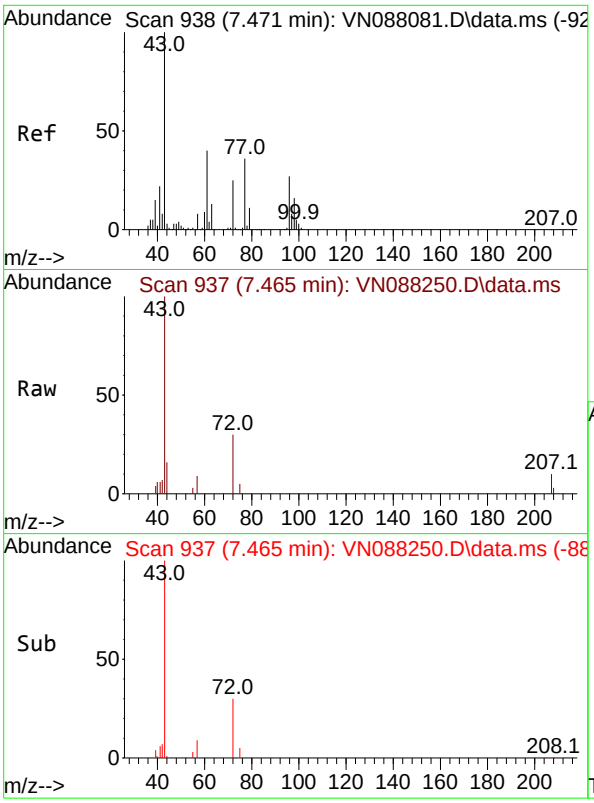


#20
Methylene Chloride
Concen: 4.231 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 84 Resp: 12983

Ion	Ratio	Lower	Upper
84	100		
49	131.2	103.4	155.2
51	45.9	33.8	50.8
86	73.8	49.6	74.4



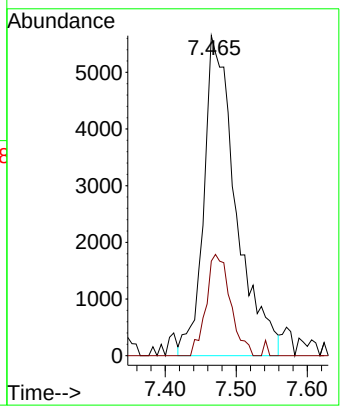


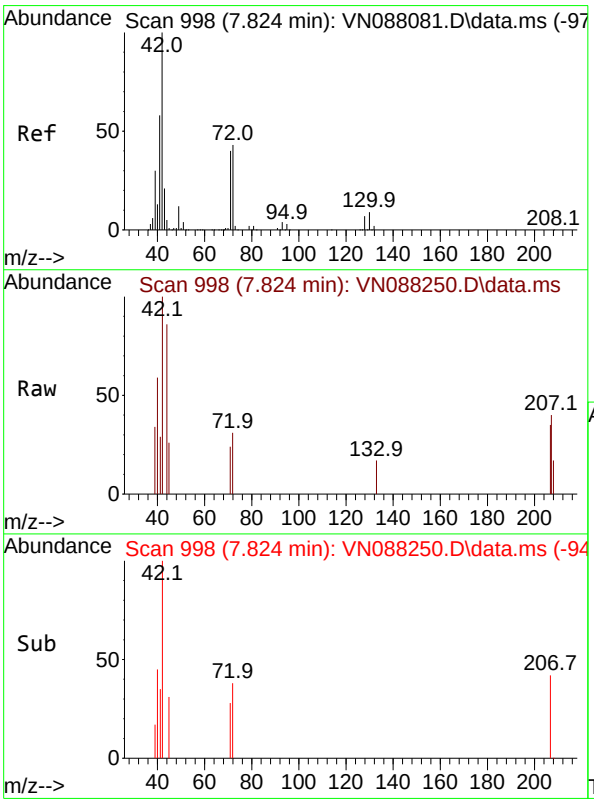
#25
2-Butanone
Concen: 7.364 ug/l
RT: 7.465 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 43 Resp: 17742

Ion	Ratio	Lower	Upper
43	100		
72	30.4	19.9	29.9#

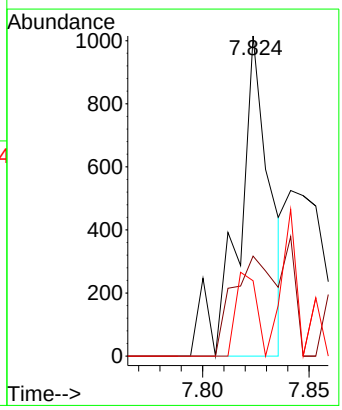


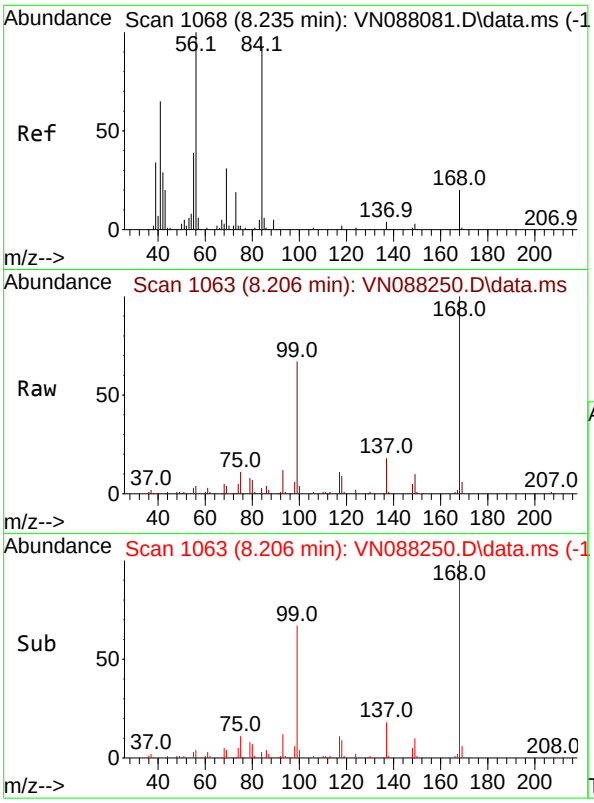


#29
Tetrahydrofuran
Concen: 0.668 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 42 Resp: 1049

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	17.0	31.9	47.9#



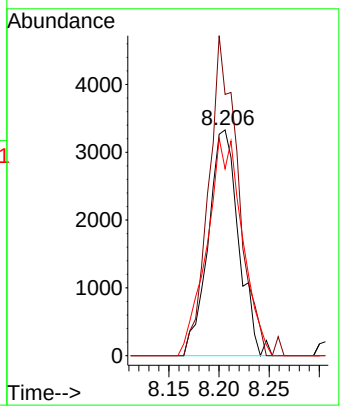


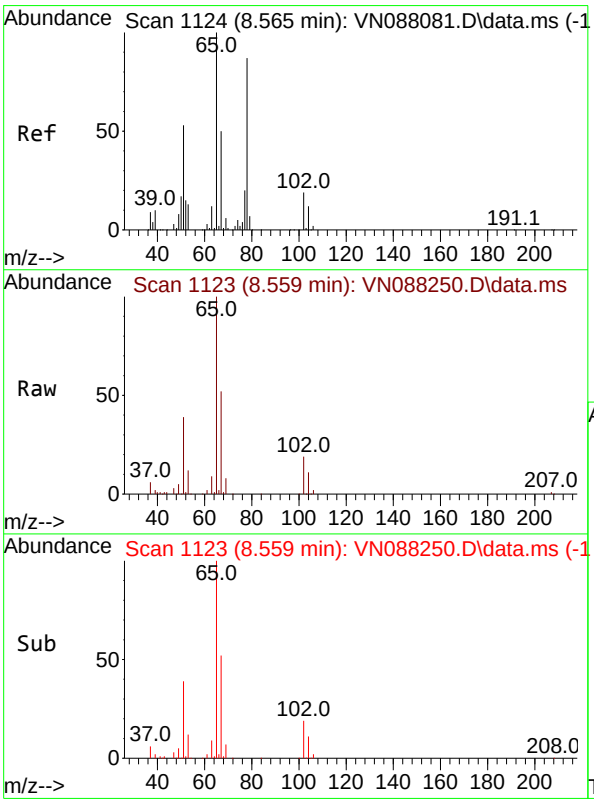
#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 56 Resp: 7039

Ion	Ratio	Lower	Upper
56	100		
69	115.7	23.7	35.5#
84	82.8	64.7	97.1

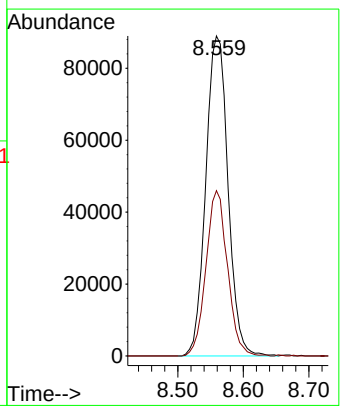


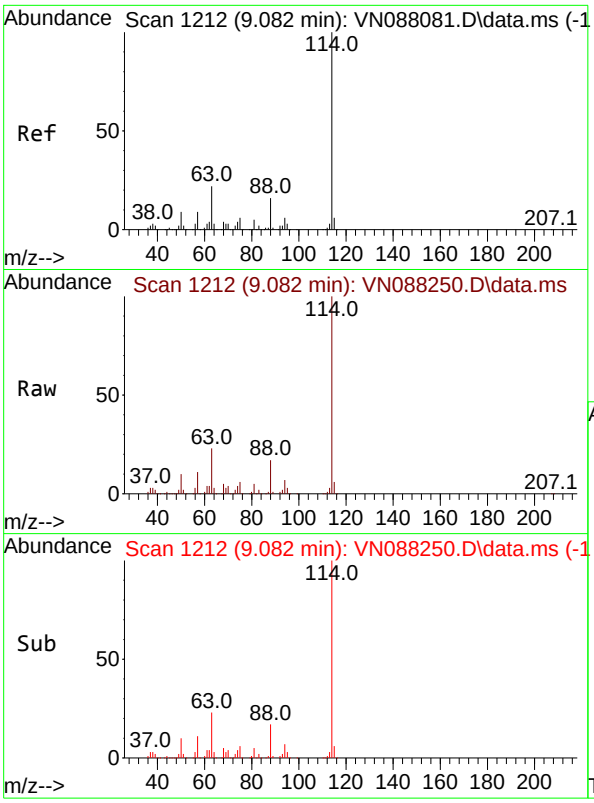


#33
1,2-Dichloroethane-d4
Concen: 57.539 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 65 Resp: 209384

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	100.0



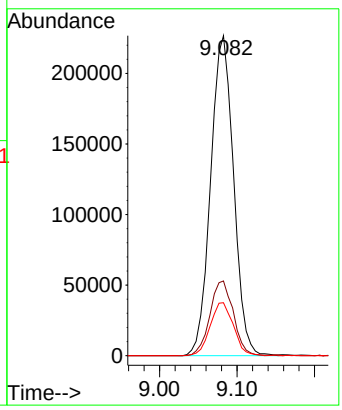


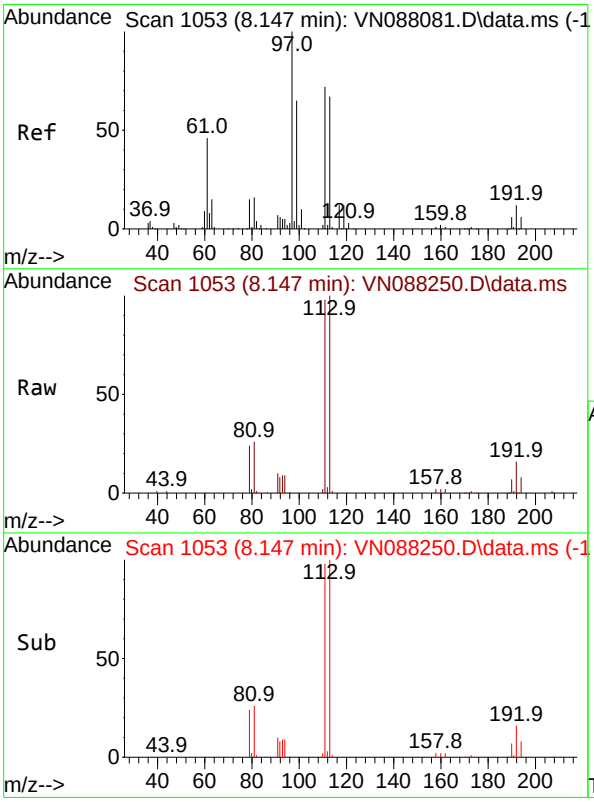
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:114 Resp: 466987

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.2
88	16.5	0.0	33.4

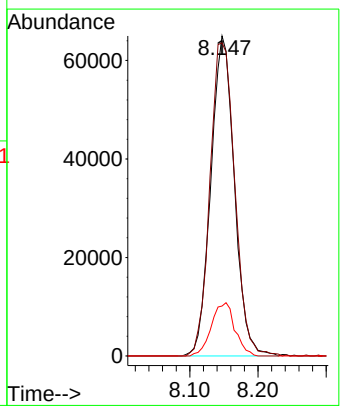


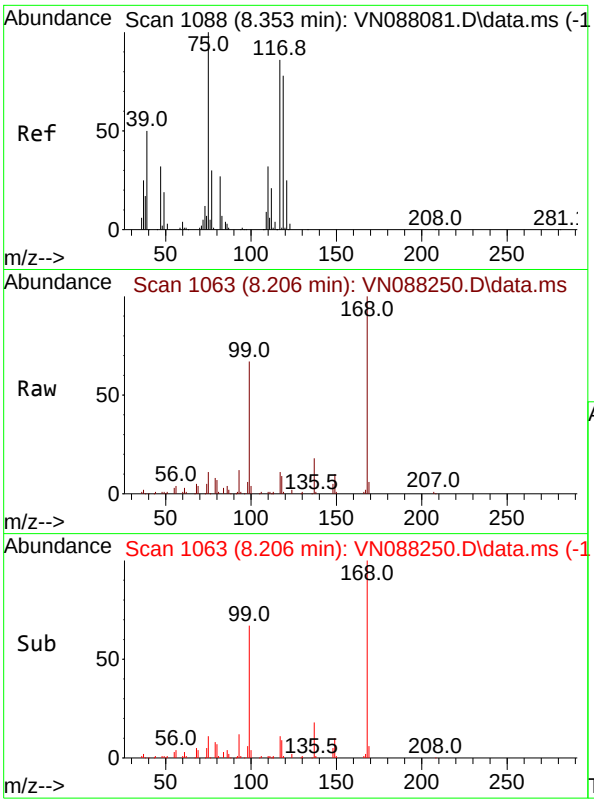


#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion:113 Resp: 156160

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	16.6	12.8	19.2



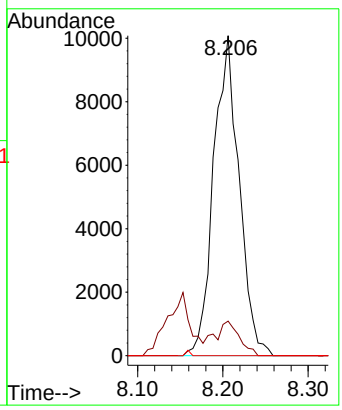


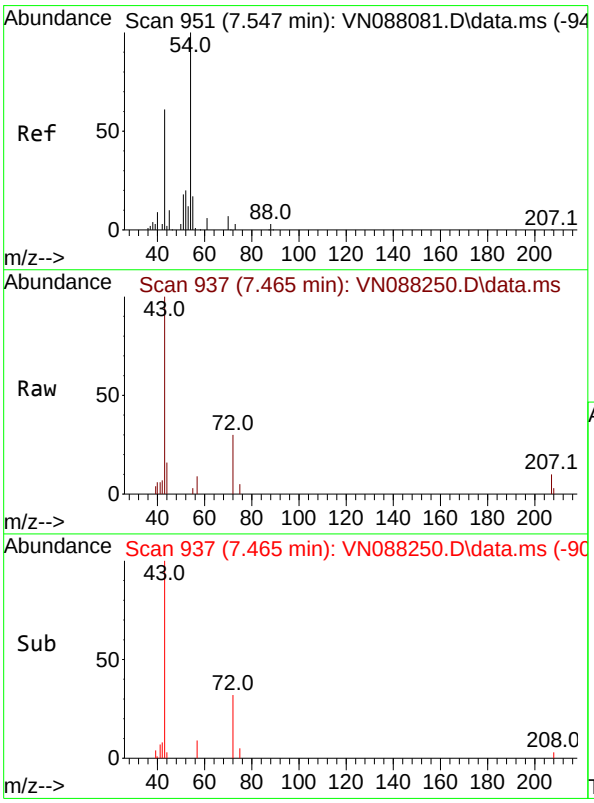
#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 75 Resp: 20890

Ion	Ratio	Lower	Upper
75	100		
110	10.5	15.9	47.6#
77	0.0	24.4	36.6#

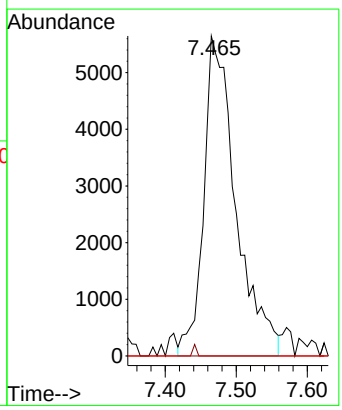


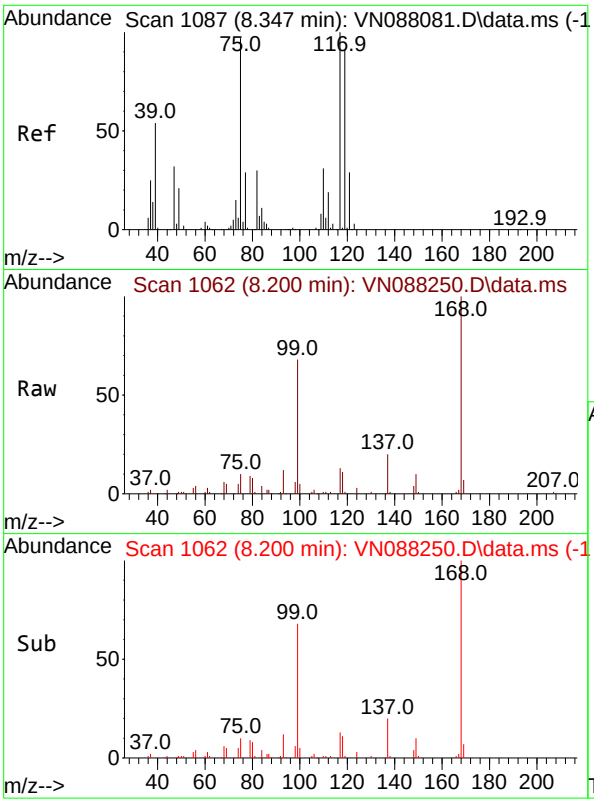


#37
Ethyl Acetate
Concen: 3.001 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.082 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 17742

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



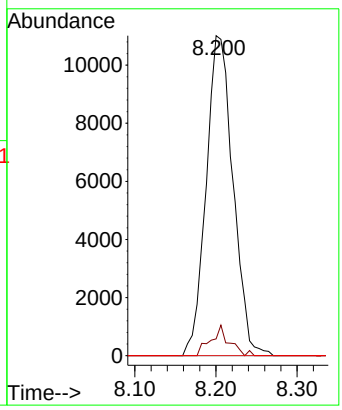


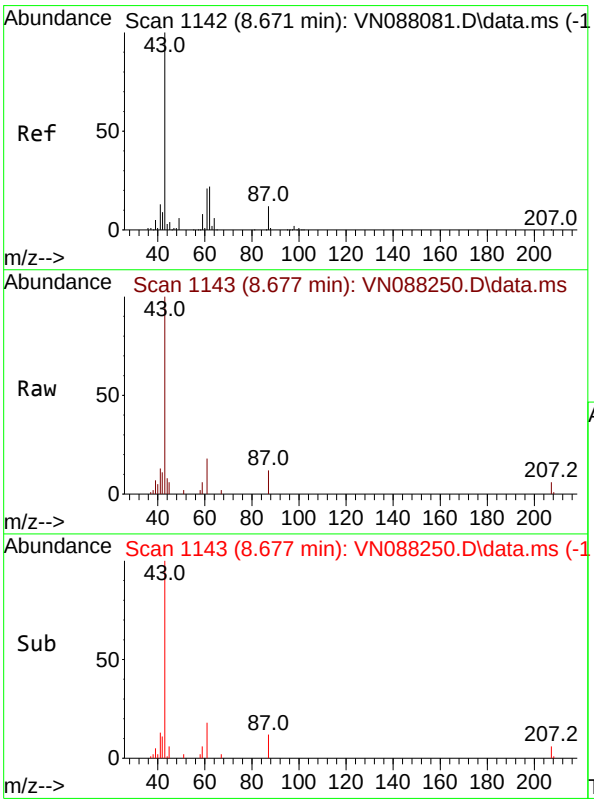
#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 25366

Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.0	118.6#
121	0.0	25.0	37.6#

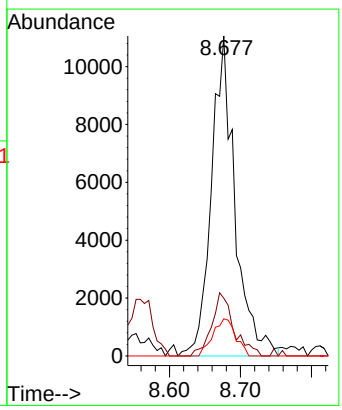


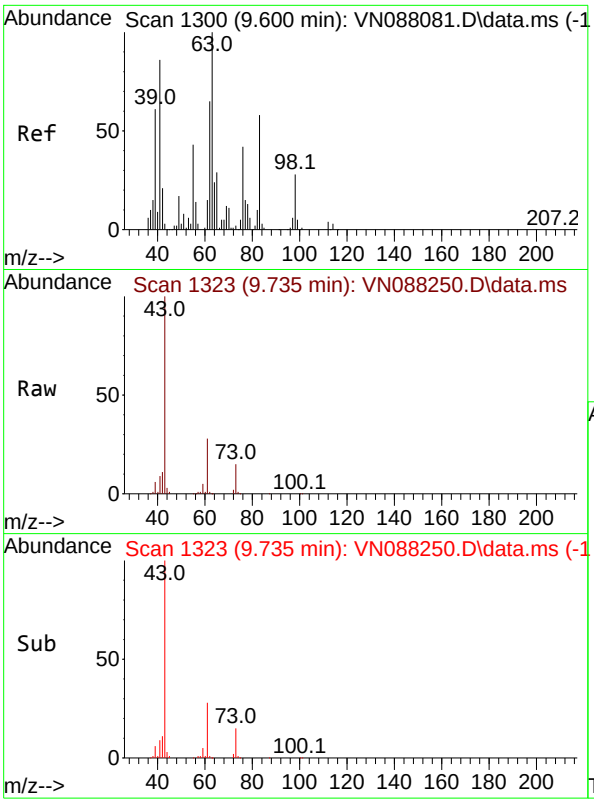


#43
Isopropyl Acetate
Concen: 2.804 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 25472

Ion	Ratio	Lower	Upper
43	100		
61	18.5	18.8	28.2#
87	11.2	9.6	14.4



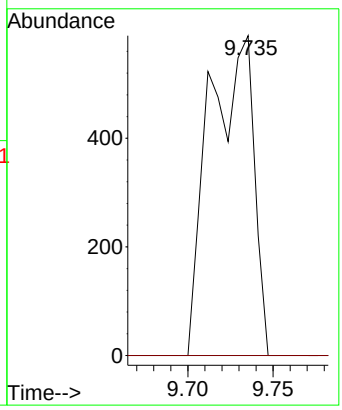


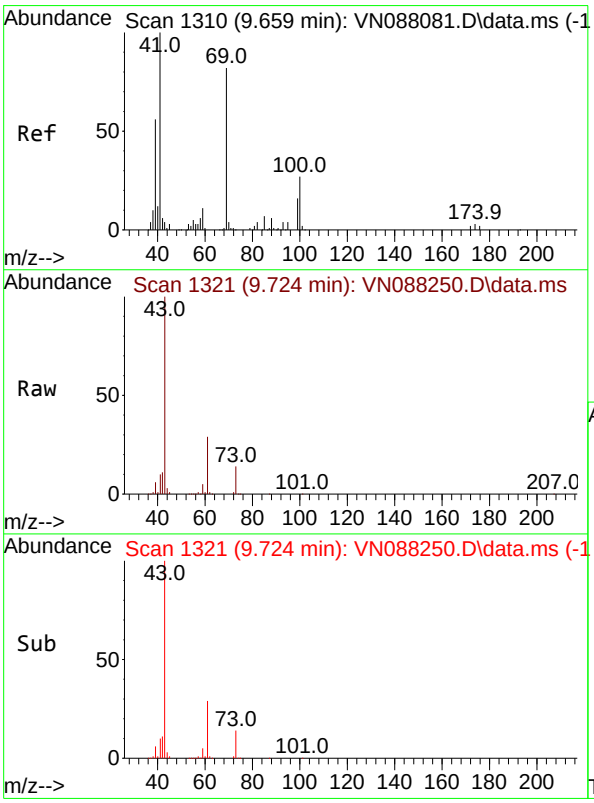
#45
1,2-Dichloropropane
Concen: 0.301 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.135 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 63 Resp: 1060

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

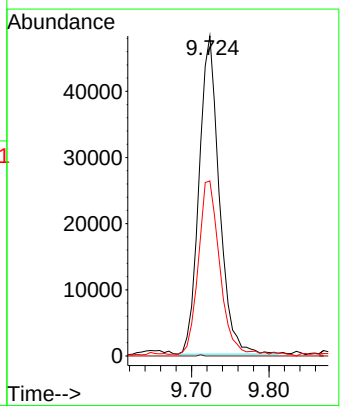


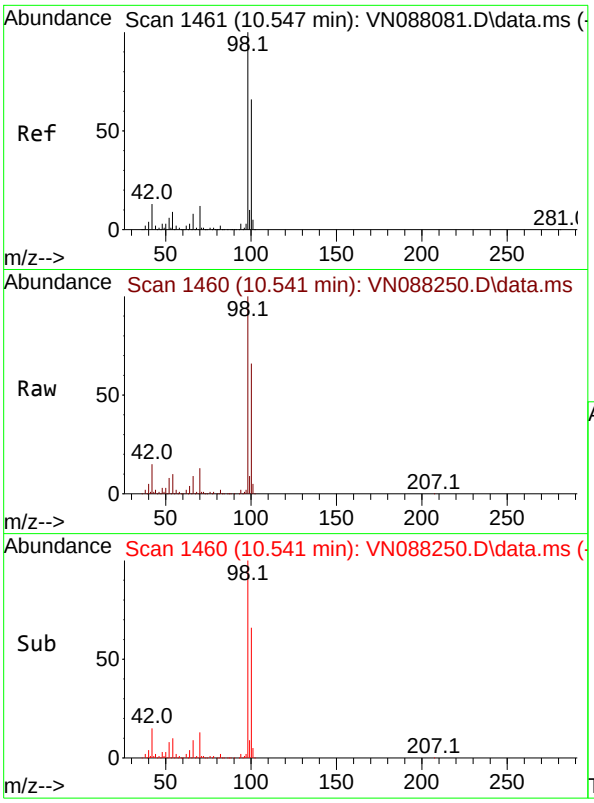


#48
Methyl methacrylate
Concen: 20.798 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.059 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 41 Resp: 87220

Ion	Ratio	Lower	Upper
41	100		
69	0.1	62.7	94.1#
39	57.6	52.9	79.3



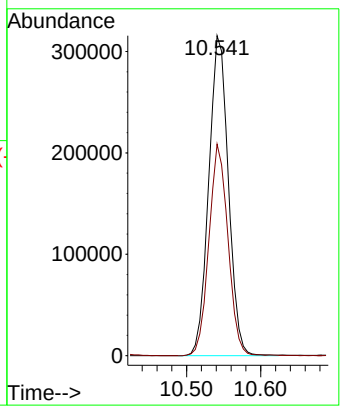


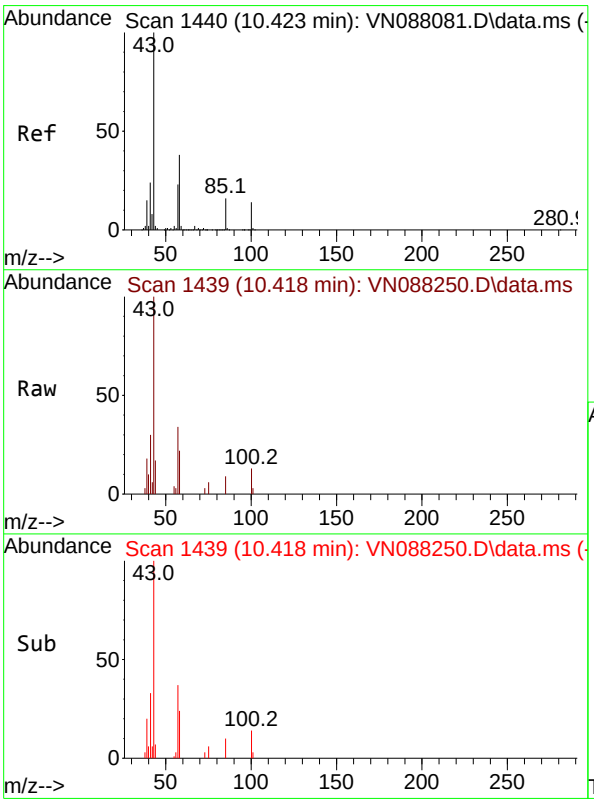
#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.541 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 98 Resp: 578726

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2

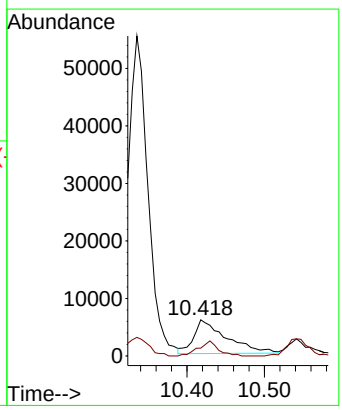


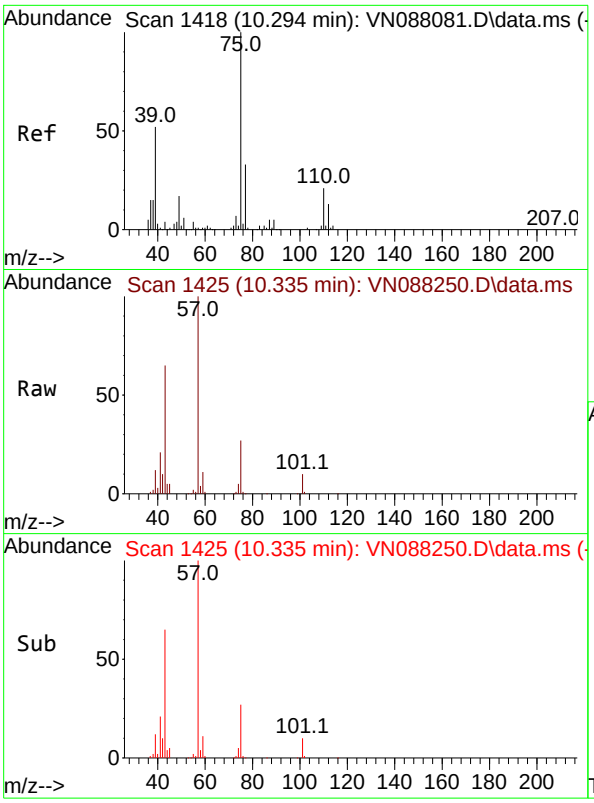


#51
4-Methyl-2-Pentanone
Concen: 3.226 ug/l
RT: 10.418 min Scan# 1439
Delta R.T. -0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 43 Resp: 17333

Ion	Ratio	Lower	Upper
43	100		
58	26.5	29.6	44.4#



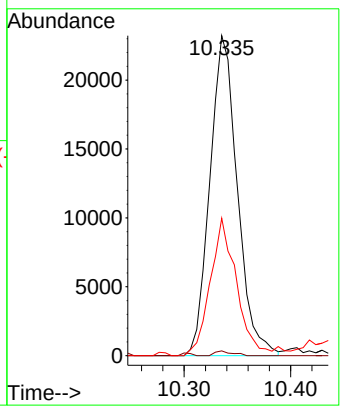


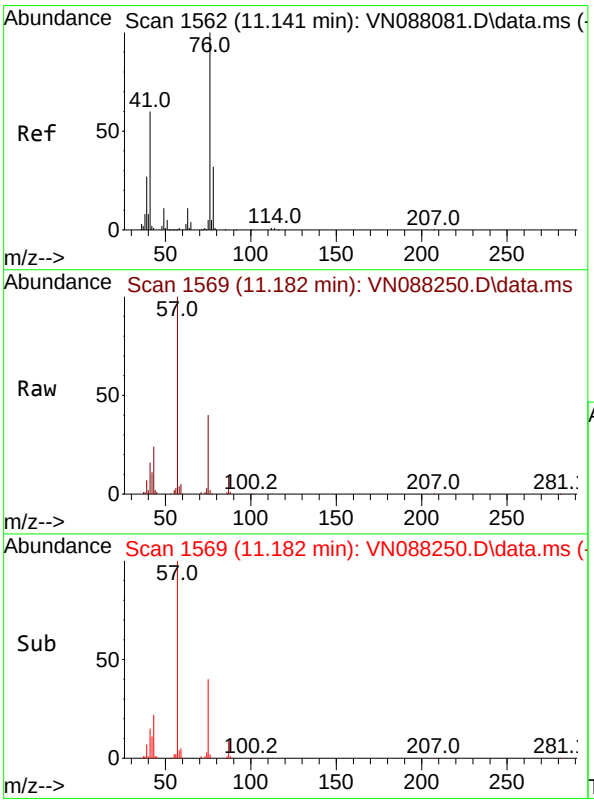
#54
cis-1,3-Dichloropropene
Concen: 7.332 ug/l
RT: 10.335 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 75 Resp: 41645

Ion	Ratio	Lower	Upper
75	100		
77	1.5	24.6	37.0#
39	42.9	45.2	67.8#

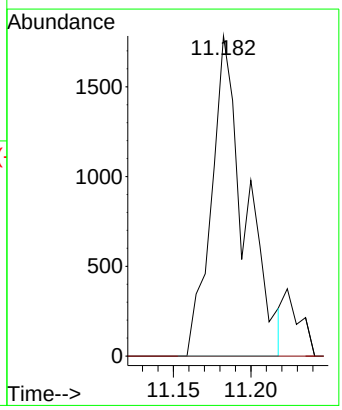


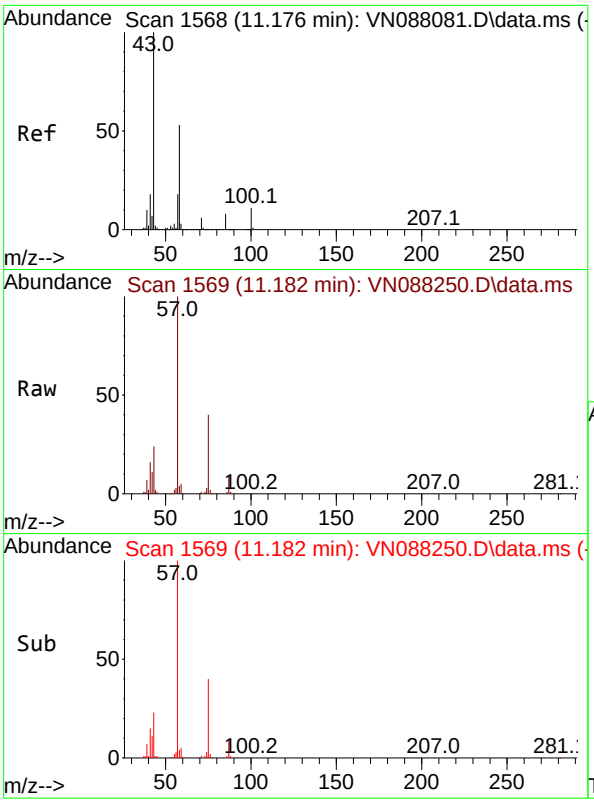


#57
1,3-Dichloropropane
Concen: 0.471 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.041 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 76 Resp: 2704

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



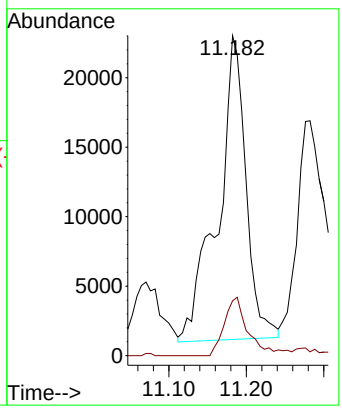


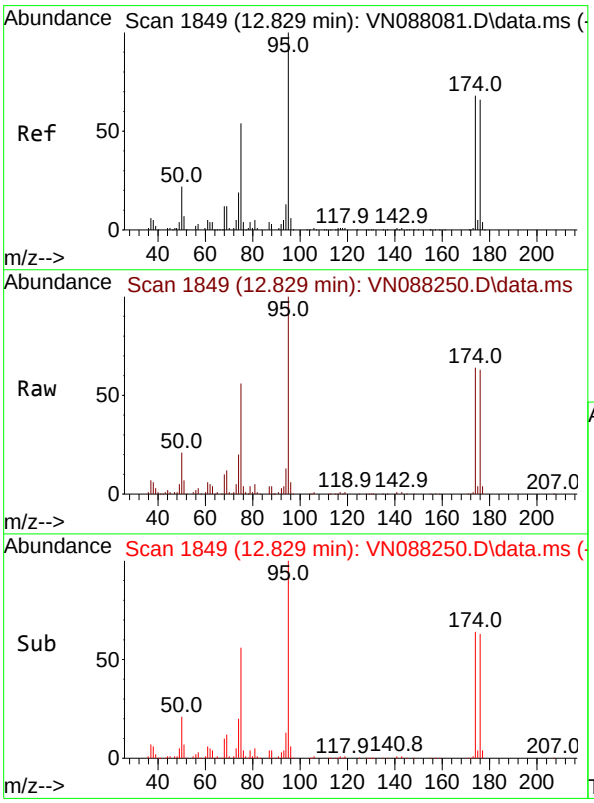
#59
2-Hexanone
Concen: 15.463 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 43 Resp: 55122

Ion	Ratio	Lower	Upper
43	100		
58	16.7	25.9	77.8#

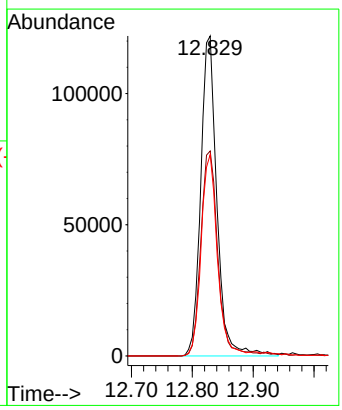


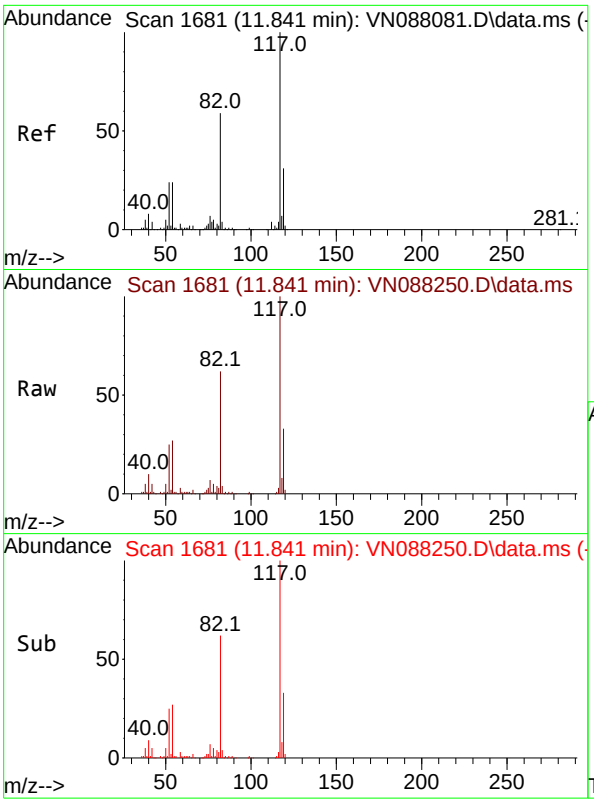


#62
4-Bromofluorobenzene
Concen: 52.827 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 95 Resp: 225525

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	138.4
176	63.0	0.0	132.6



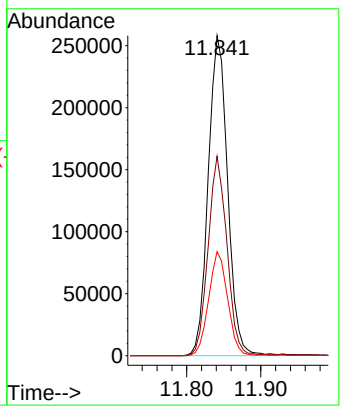


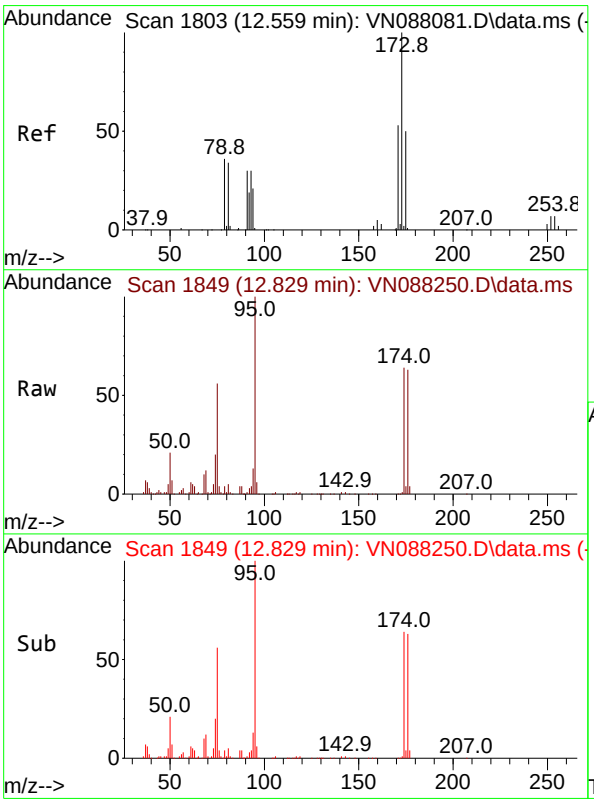
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:117 Resp: 469026

Ion	Ratio	Lower	Upper
117	100		
82	62.3	47.4	71.2
119	32.5	24.3	36.5

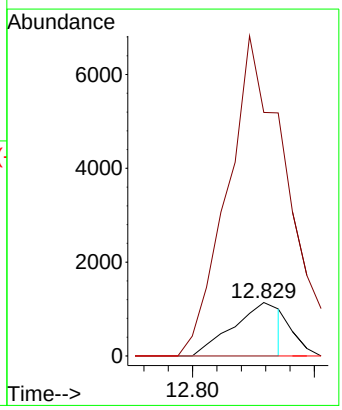


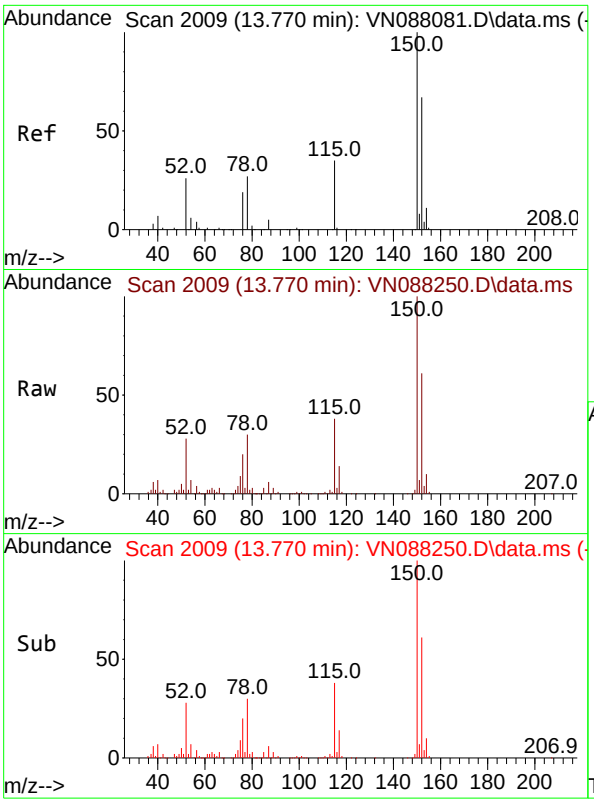


#71
Bromoform
Concen: 0.595 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.270 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion:173 Resp: 1549

Ion	Ratio	Lower	Upper
173	100		
175	598.8	24.9	74.6#
254	0.0	0.1	0.1#



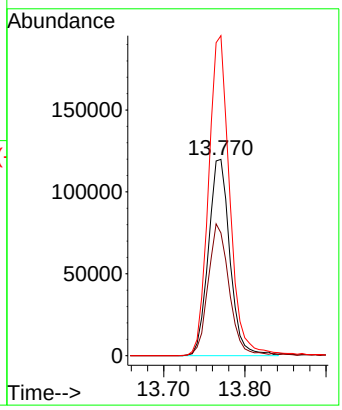


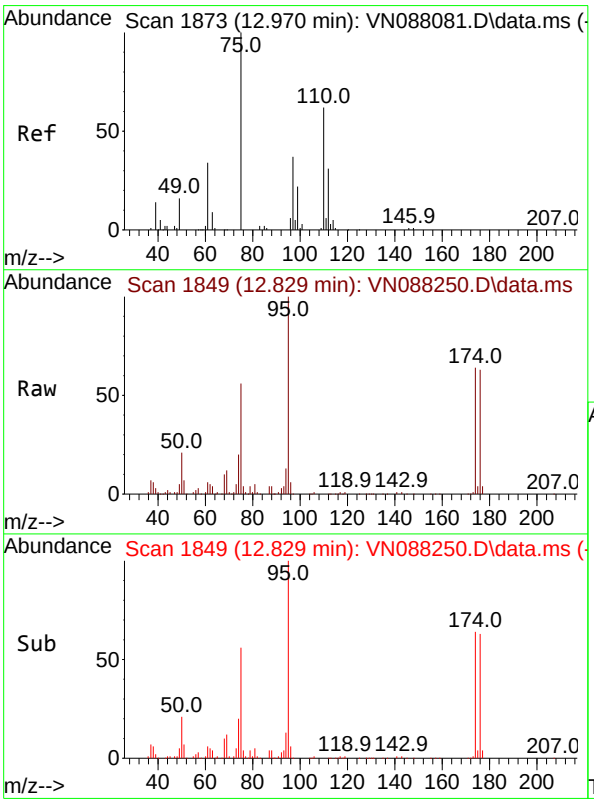
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion:152 Resp: 220531

Ion	Ratio	Lower	Upper
152	100		
115	66.3	32.3	96.8
150	161.3	0.0	351.0

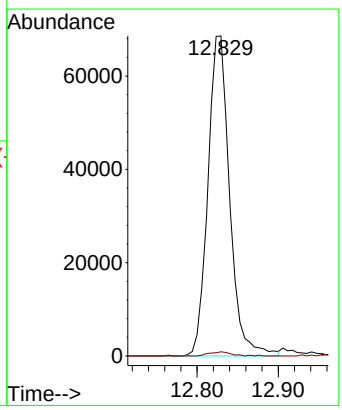


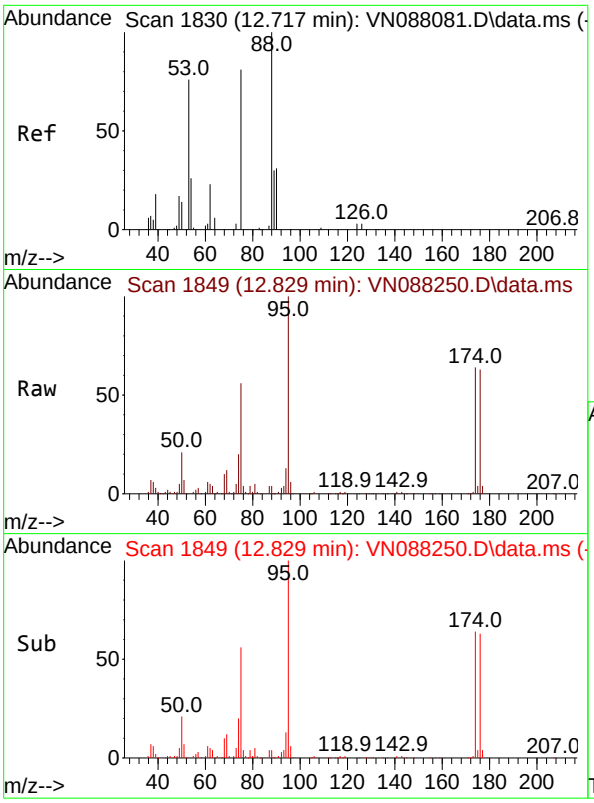


#76
1,2,3-Trichloropropane
Concen: 25.320 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Tgt Ion: 75 Resp: 127664

Ion	Ratio	Lower	Upper
75	100		
77	1.4	89.1	267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.631 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN088250.D
Acq: 11 Nov 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VNJ-238

Tgt Ion: 75 Resp: 127664

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