Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087802.D
Acq On : 11 Sep 2025 16:48
Operator : JC\MD
Sample : Q3054-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Quant Time: Sep 12 02:55:43 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

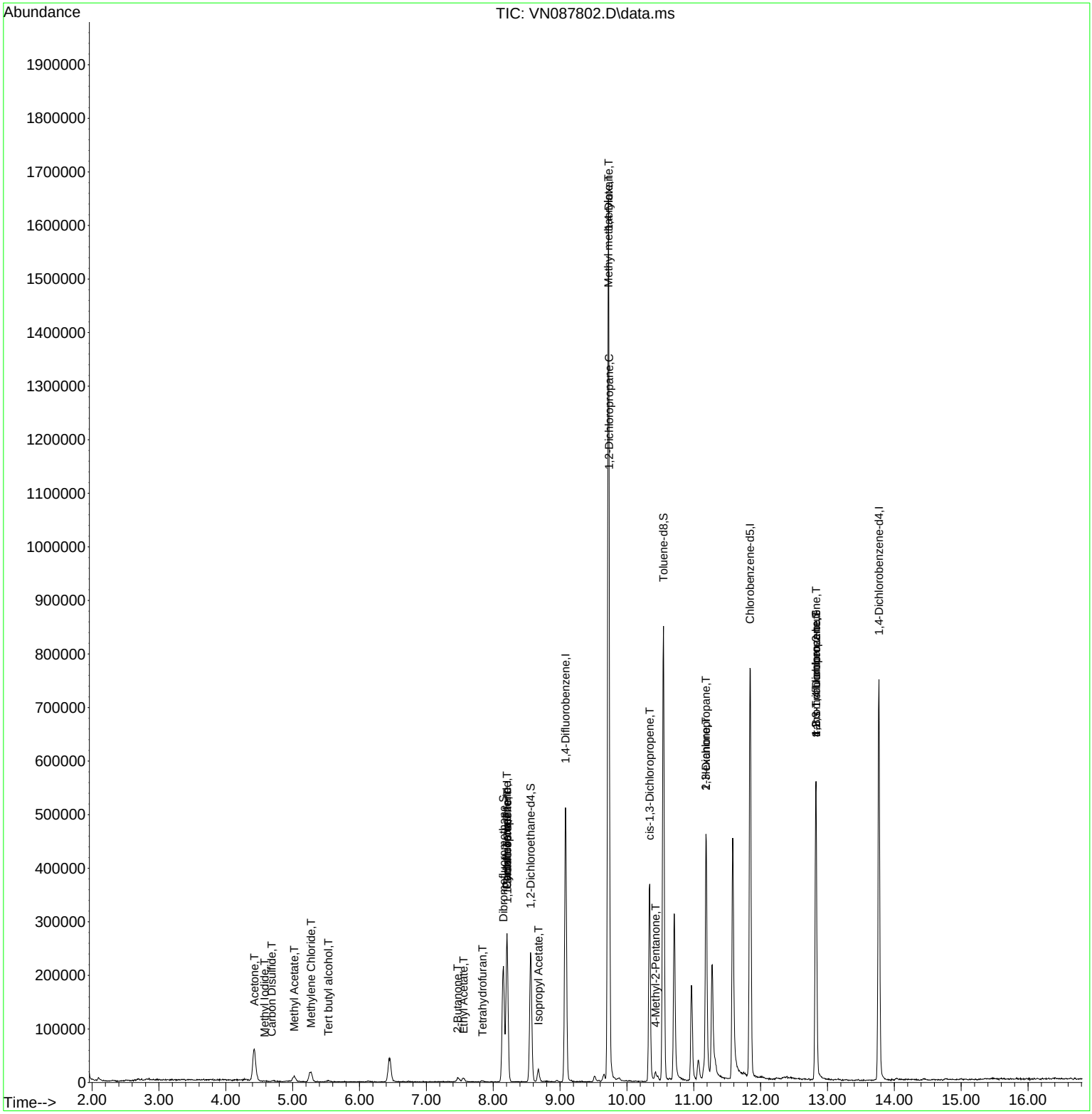
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	183632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	424685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	433932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196899	52.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.153	113	156316	50.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	10.547	98	558414	48.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.829	95	195441	47.887	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.780%			
Target Compounds						Qvalue
10) Methyl Iodide	4.583	142	75	6.844	ug/l #	38
11) Tert butyl alcohol	5.536	59	1782	2.728	ug/l #	71
16) Acetone	4.430	43	120604	58.885	ug/l	98
17) Carbon Disulfide	4.689	76	1551	0.213	ug/l #	74
18) Methyl Acetate	5.024	43	21265	4.959	ug/l	91
20) Methylene Chloride	5.277	84	15351	4.041	ug/l #	85
25) 2-Butanone	7.471	43	14158	5.254	ug/l #	89
29) Tetrahydrofuran	7.841	42	1278	0.737	ug/l #	78
31) Cyclohexane	8.206	56	5591	1.181	ug/l #	1
36) 1,1-Dichloropropene	8.212	75	17570	3.735	ug/l #	48
37) Ethyl Acetate	7.559	43	12235	1.903	ug/l	95
38) Carbon Tetrachloride	8.206	117	22018	4.741	ug/l #	14
43) Isopropyl Acetate	8.677	43	26215	2.612	ug/l	95
45) 1,2-Dichloropropane	9.735	63	1779	0.468	ug/l #	43
48) Methyl methacrylate	9.724	41	159438	33.588	ug/l #	47
49) 1,4-Dioxane	9.730	88	278	4.518	ug/l #	1
51) 4-Methyl-2-Pentanone	10.430	43	11639	1.922	ug/l	99
54) cis-1,3-Dichloropropene	10.341	75	65105	10.922	ug/l #	63
57) 1,3-Dichloropropane	11.182	76	5240	0.856	ug/l #	42
59) 2-Hexanone	11.182	43	91656	23.952	ug/l #	50
76) 1,2,3-Trichloropropane	12.829	75	111227	24.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	111227	64.245	ug/l #	1

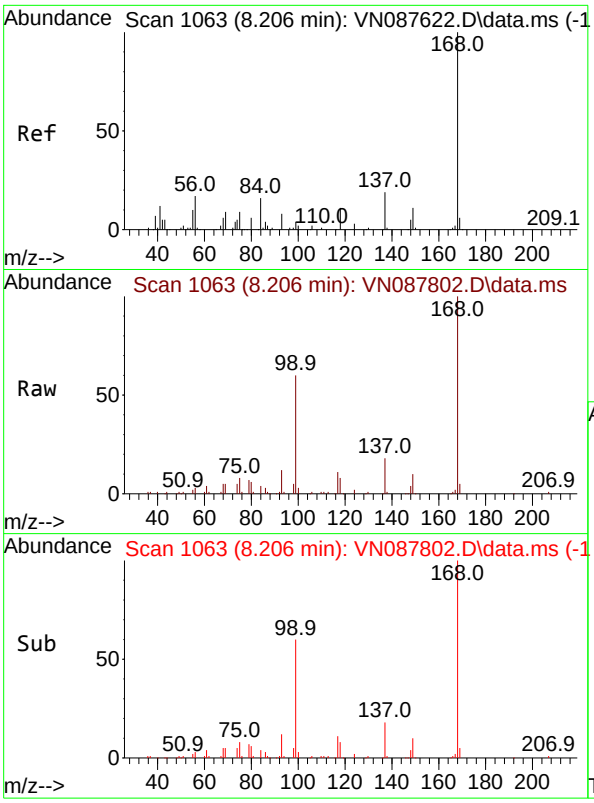
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087802.D
Acq On : 11 Sep 2025 16:48
Operator : JC\MD
Sample : Q3054-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Quant Time: Sep 12 02:55:43 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



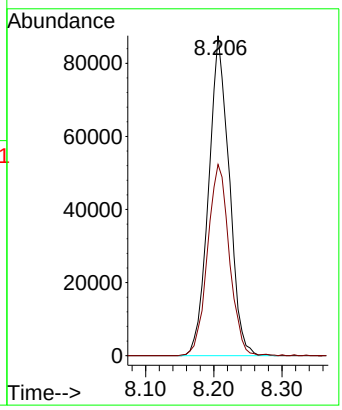


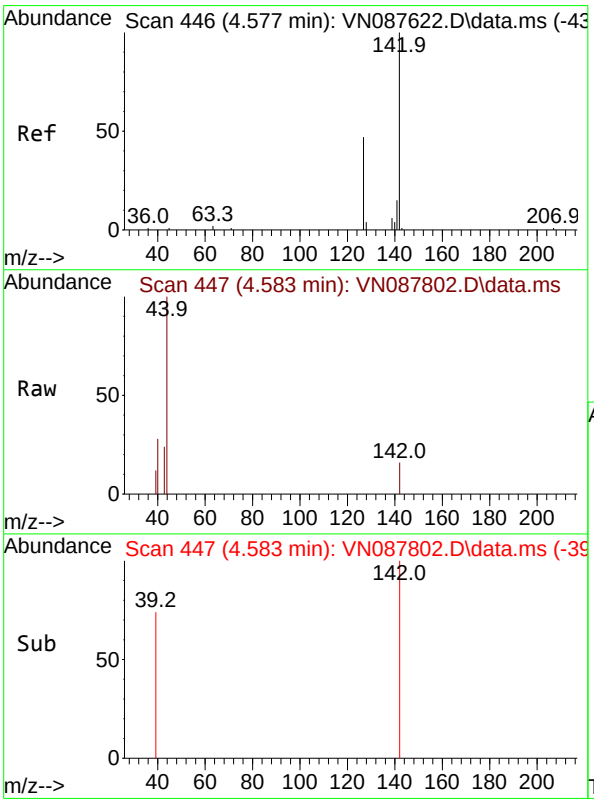
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion:168 Resp: 183632

Ion	Ratio	Lower	Upper
168	100		
99	59.8	57.2	85.8

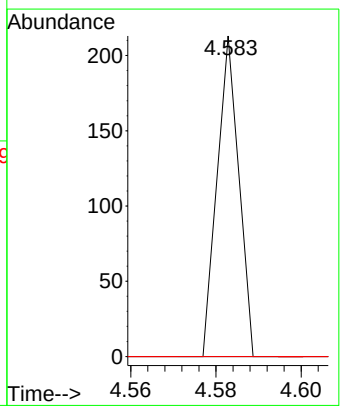


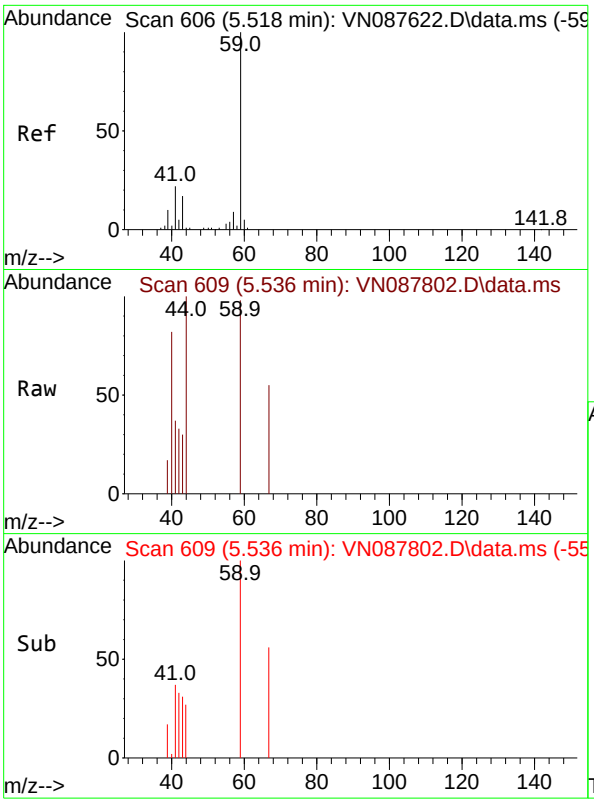


#10
Methyl Iodide
Concen: 6.844 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion:142 Resp: 75

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



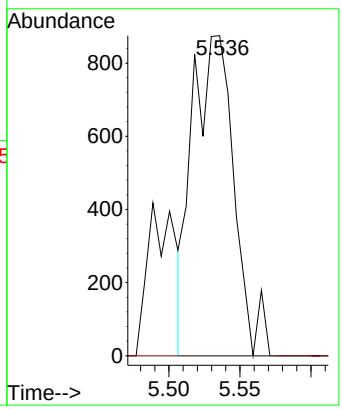


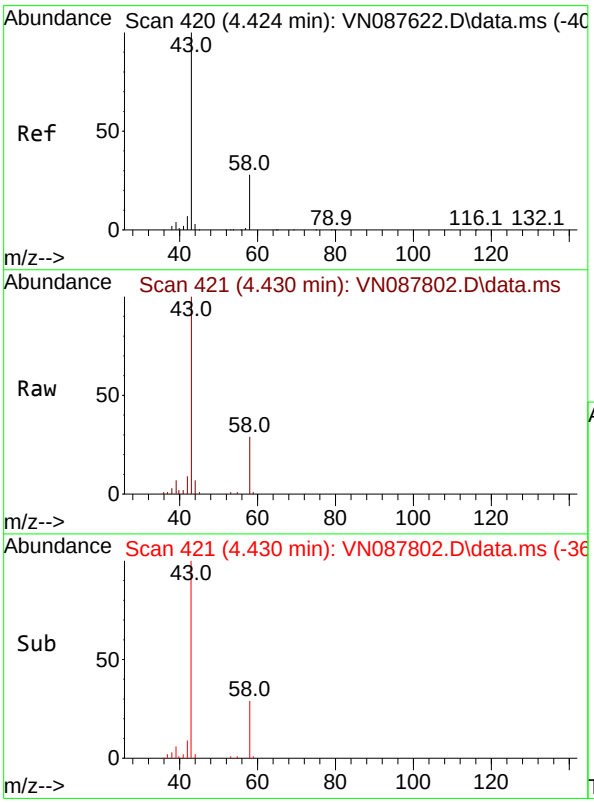
#11
Tert butyl alcohol
Concen: 2.728 ug/l
RT: 5.536 min Scan# 6
Delta R.T. 0.018 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 59 Resp: 1782

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

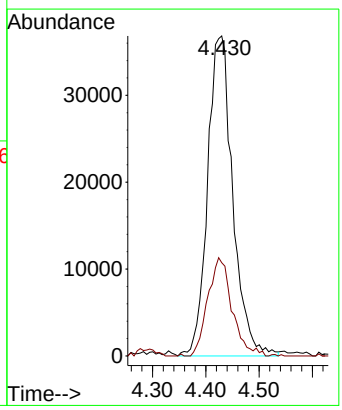


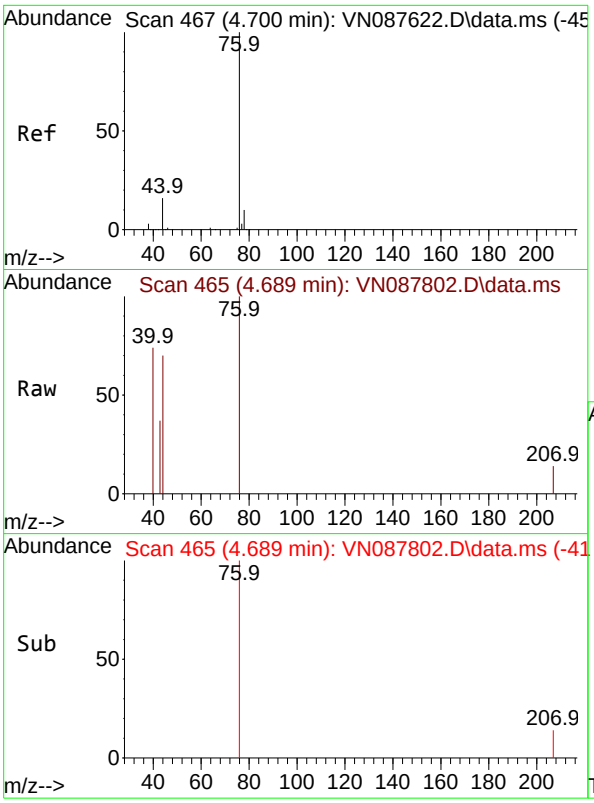


#16
Acetone
Concen: 58.885 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 43 Resp: 120604

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.6	33.8



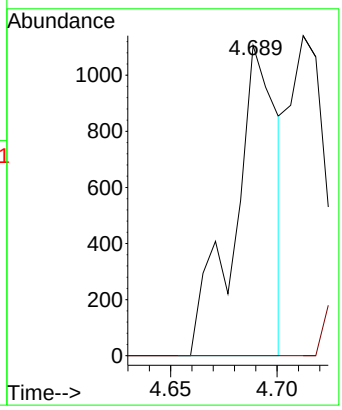


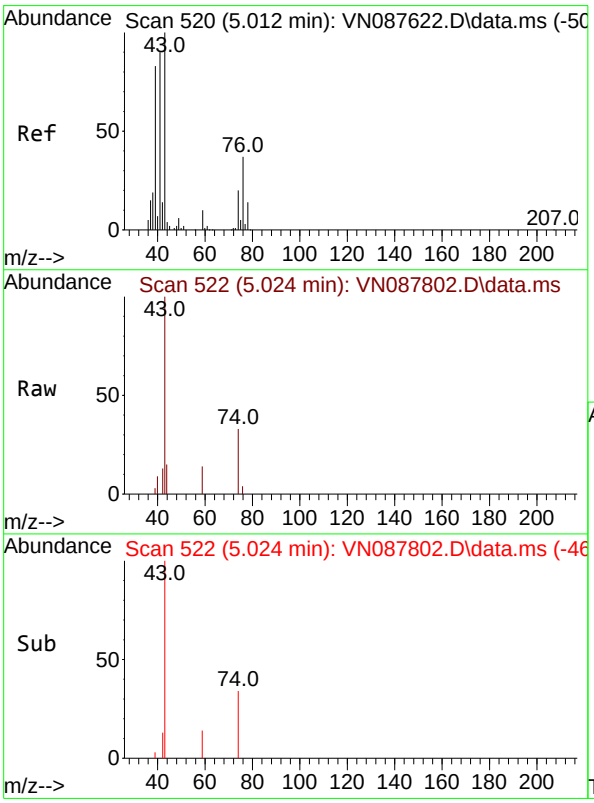
#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 4.689 min Scan# 4
Delta R.T. -0.012 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 76 Resp: 1551

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

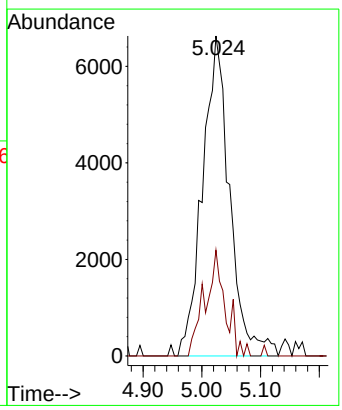


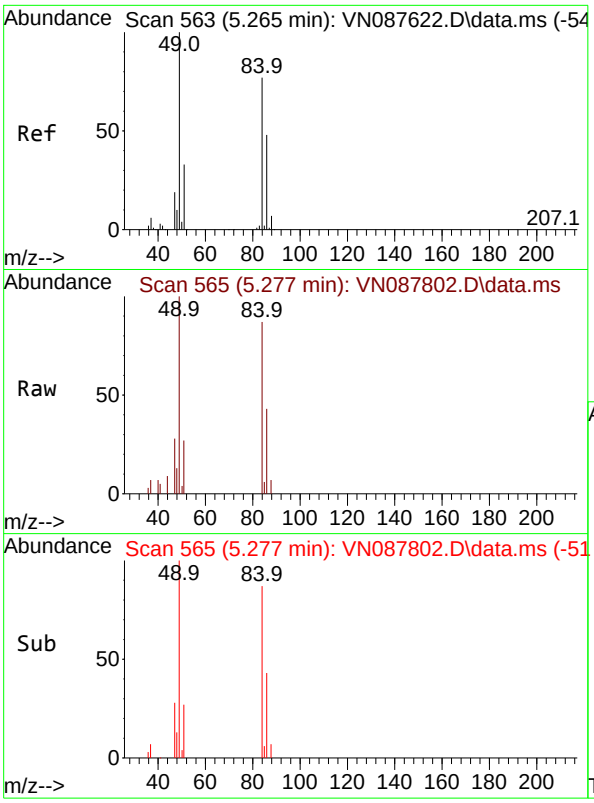


#18
Methyl Acetate
Concen: 4.959 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 43 Resp: 21265

Ion	Ratio	Lower	Upper
43	100		
74	17.8	17.6	26.4



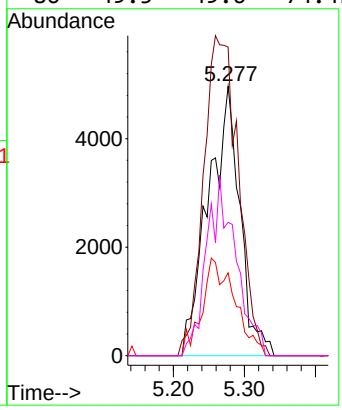


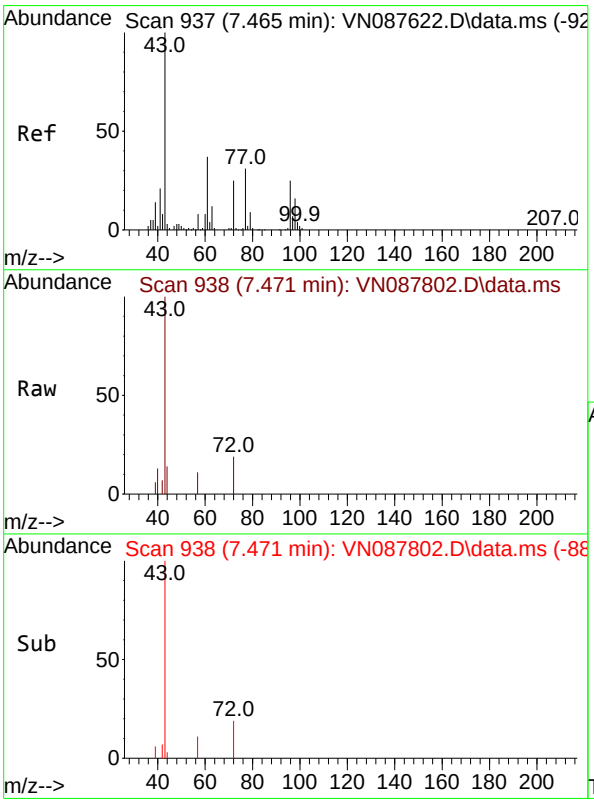
#20
Methylene Chloride
Concen: 4.041 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 84 Resp: 15351

Ion	Ratio	Lower	Upper
84	100		
49	114.6	103.4	155.2
51	30.8	33.8	50.8#
86	49.5	49.6	74.4#

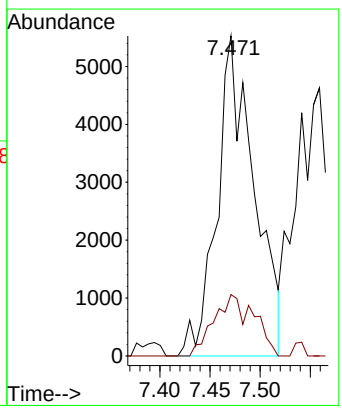


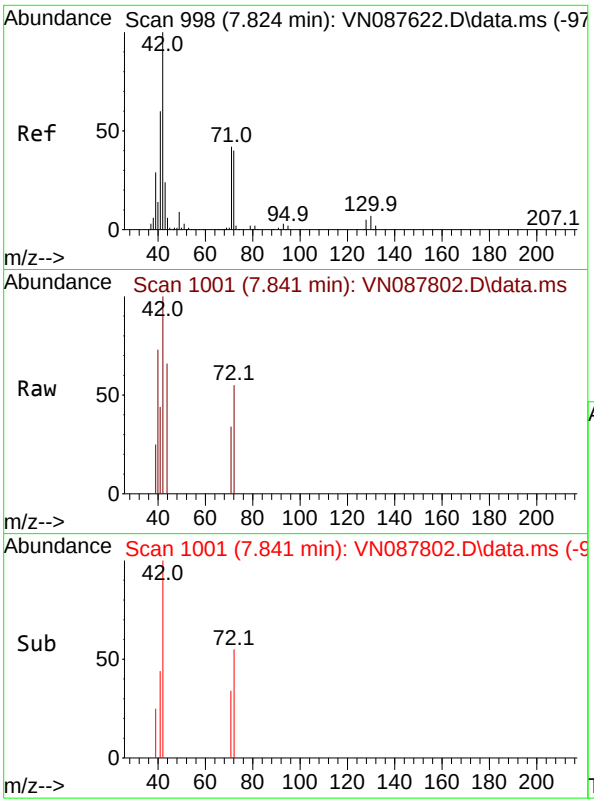


#25
2-Butanone
Concen: 5.254 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 43 Resp: 14158

Ion	Ratio	Lower	Upper
43	100		
72	19.2	19.9	29.9#



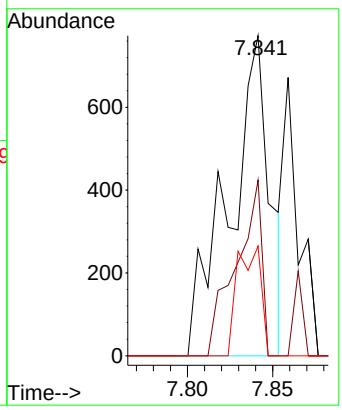


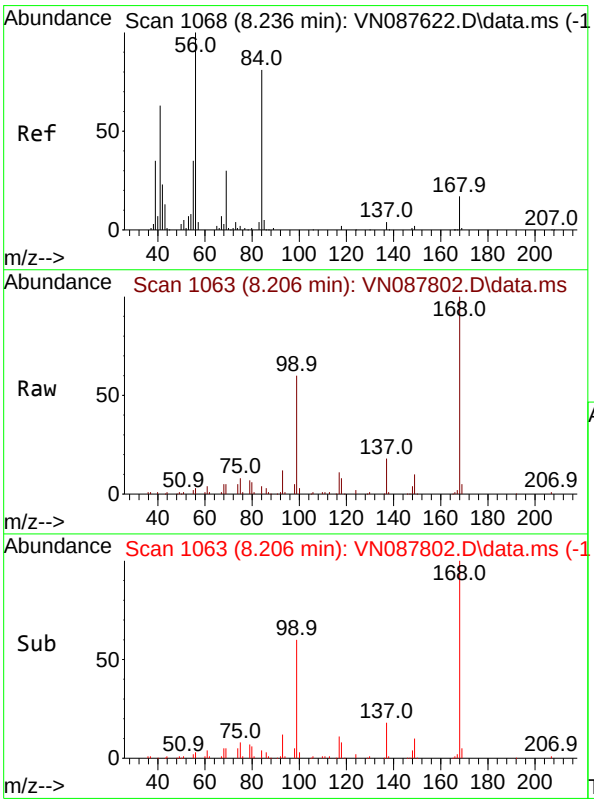
#29
Tetrahydrofuran
Concen: 0.737 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 42 Resp: 1278

Ion	Ratio	Lower	Upper
42	100		
72	34.8	33.7	50.5
71	20.0	31.9	47.9#

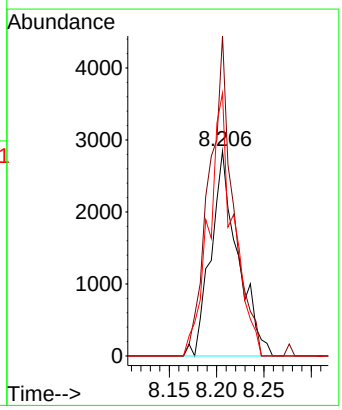


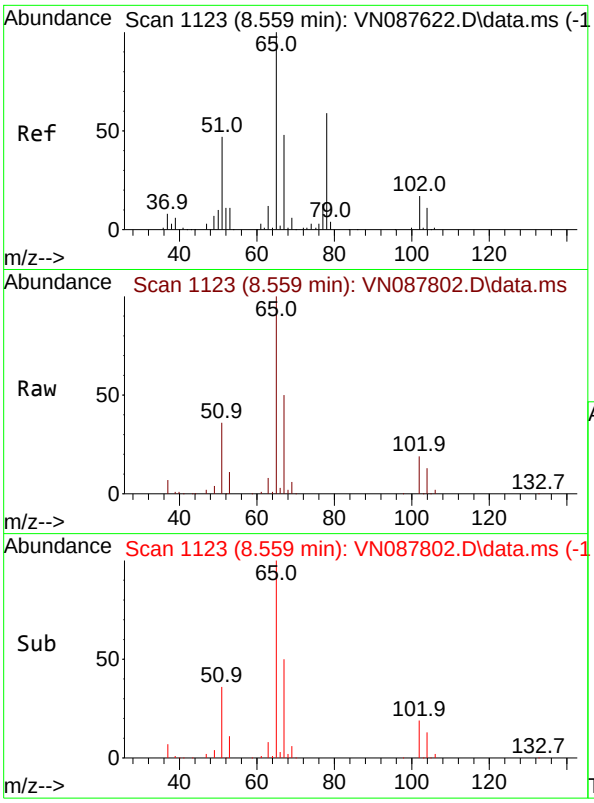


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 56 Resp: 5591

Ion	Ratio	Lower	Upper
56	100		
69	156.1	23.7	35.5#
84	128.2	64.7	97.1#



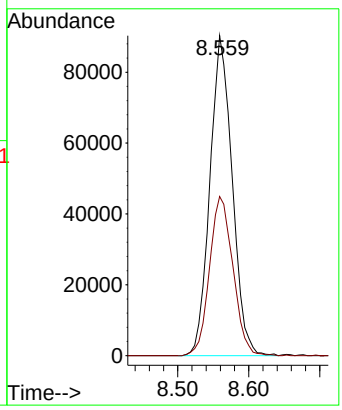


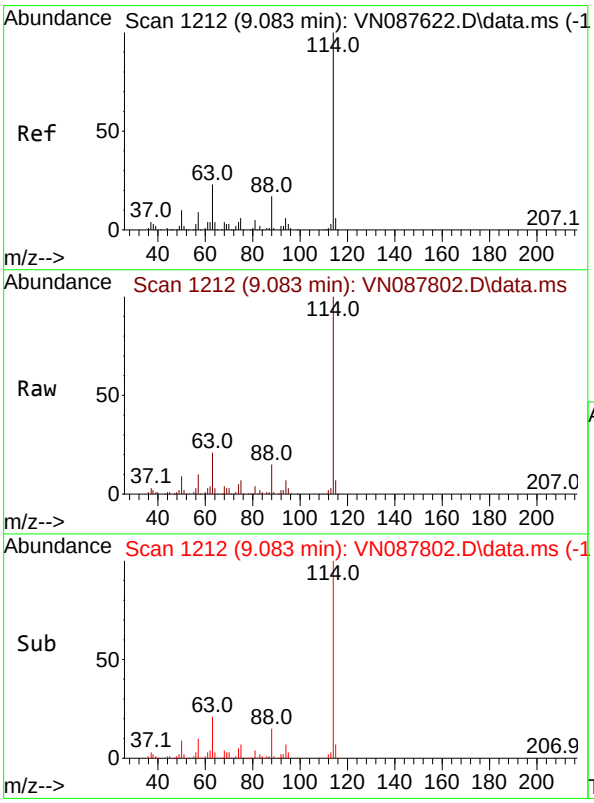
#33
1,2-Dichloroethane-d4
Concen: 52.333 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 65 Resp: 196899

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.0

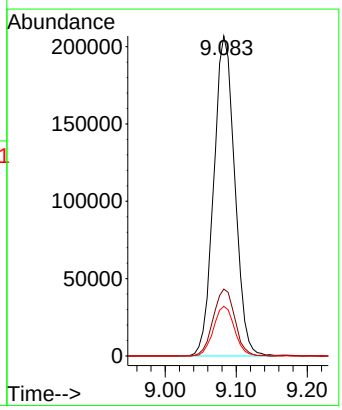


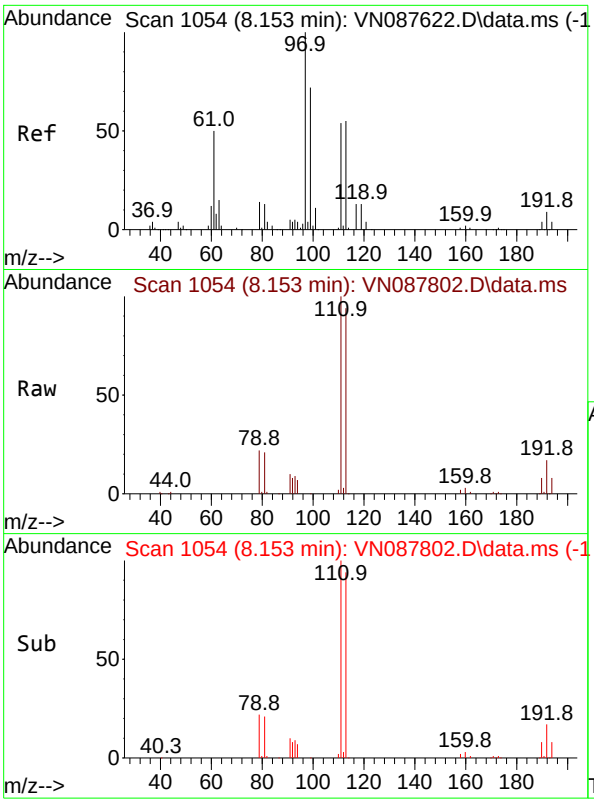


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion:114 Resp: 424685

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.2
88	15.5	0.0	33.4



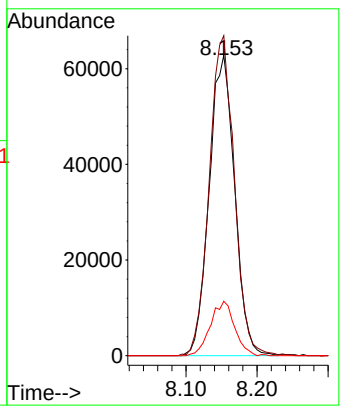


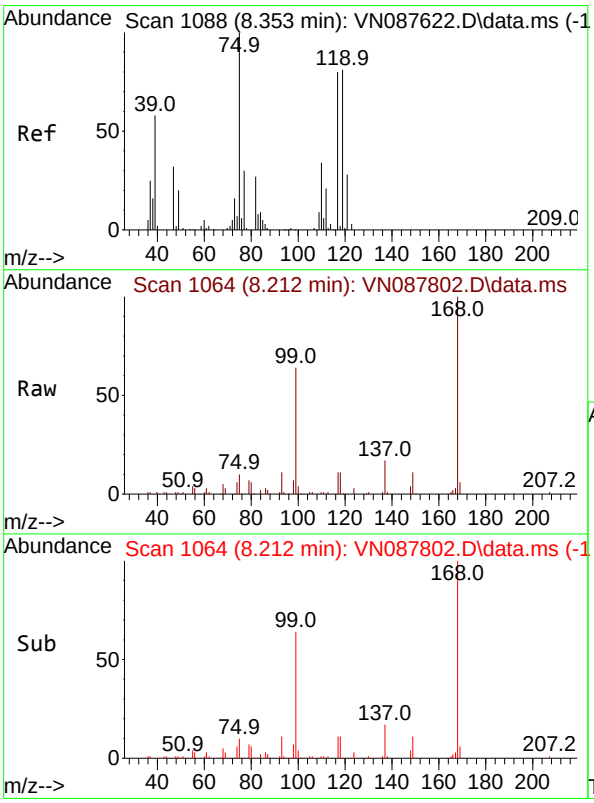
#35
Dibromofluoromethane
Concen: 50.980 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion:113 Resp: 156316

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.8	124.2
192	17.3	12.8	19.2

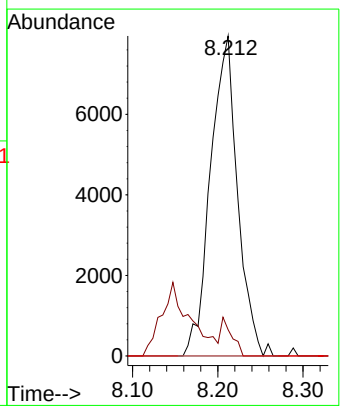


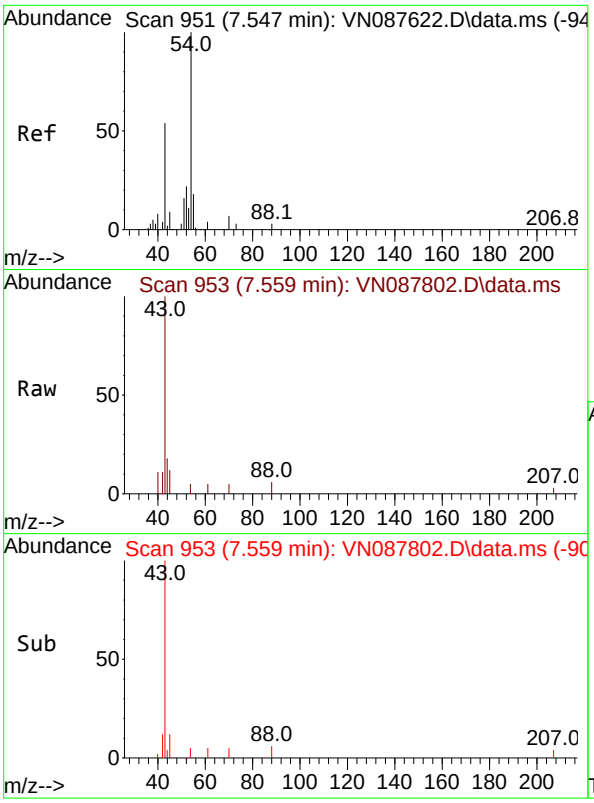


#36
1,1-Dichloropropene
Concen: 3.735 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.141 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 75 Resp: 17570

Ion	Ratio	Lower	Upper
75	100		
110	4.8	15.9	47.6#
77	0.0	24.4	36.6#



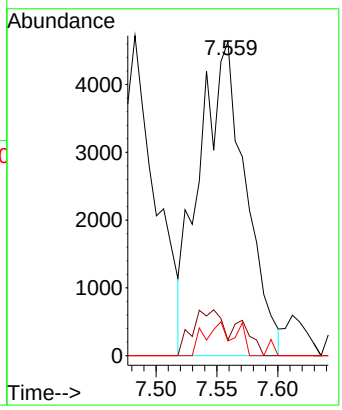


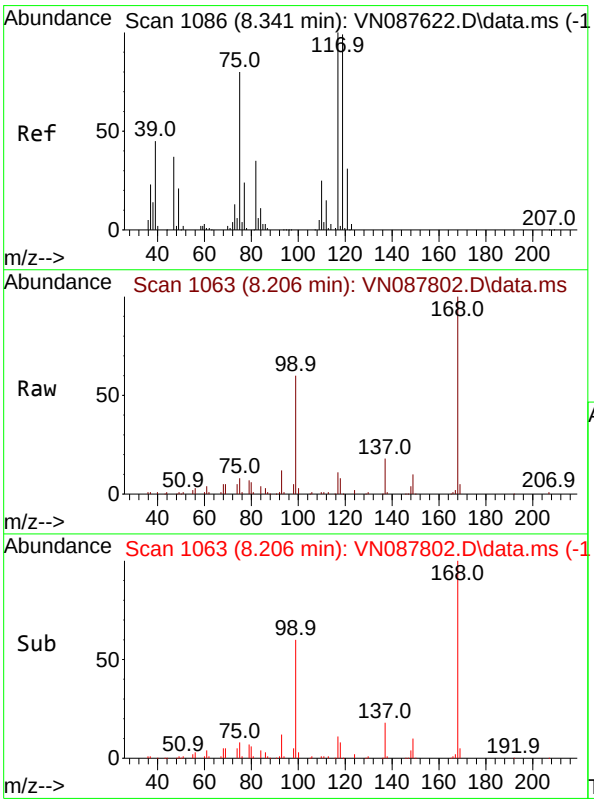
#37
Ethyl Acetate
Concen: 1.903 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 43 Resp: 12235

Ion	Ratio	Lower	Upper
43	100		
61	9.8	9.3	13.9
70	7.2	7.0	10.6

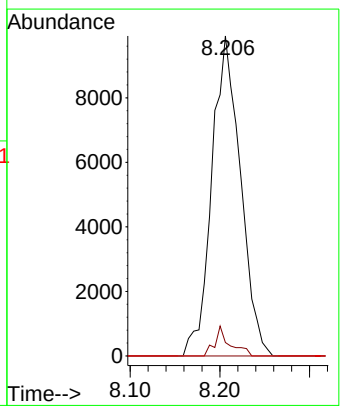


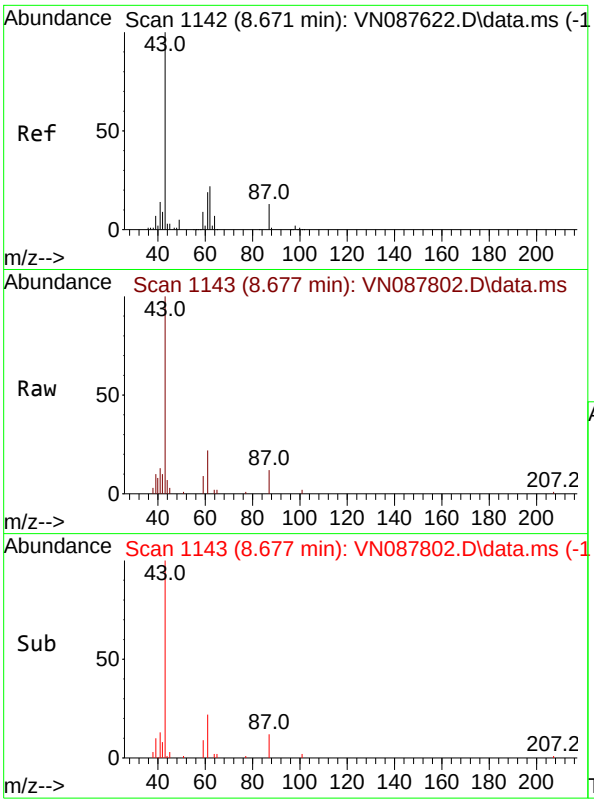


#38
Carbon Tetrachloride
Concen: 4.741 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion:117 Resp: 22018

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.0	118.6#
121	0.0	25.0	37.6#



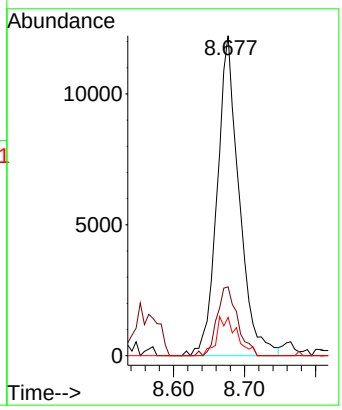


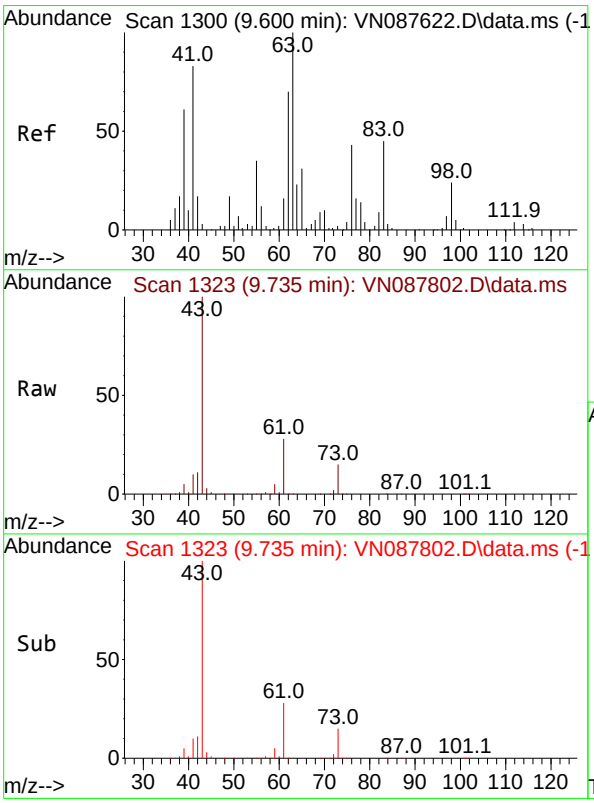
#43
Isopropyl Acetate
Concen: 2.612 ug/l
RT: 8.677 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 43 Resp: 26215

Ion	Ratio	Lower	Upper
43	100		
61	20.1	18.8	28.2
87	11.3	9.6	14.4

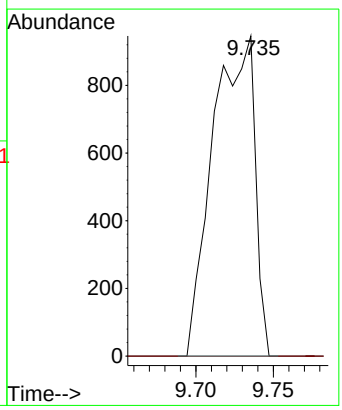


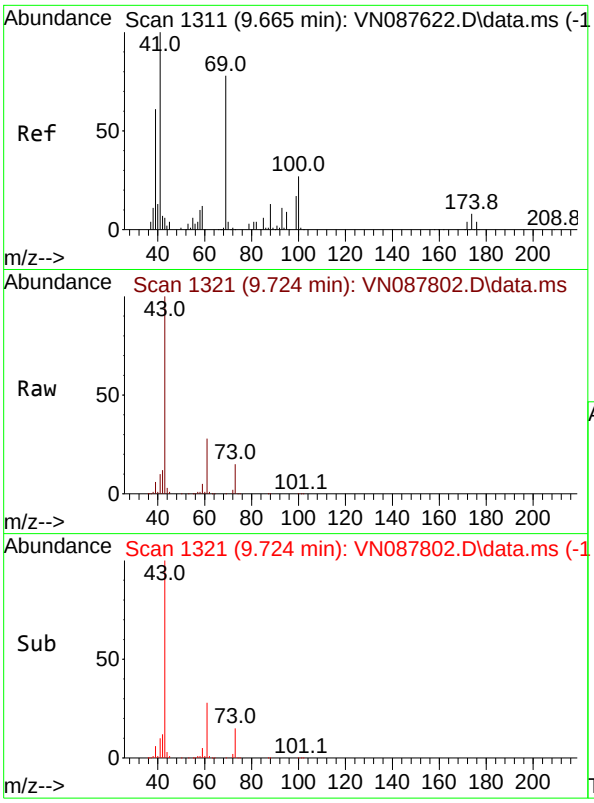


#45
1,2-Dichloropropane
Concen: 0.468 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.135 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 63 Resp: 1779

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#



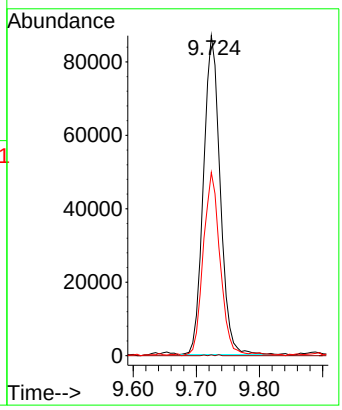


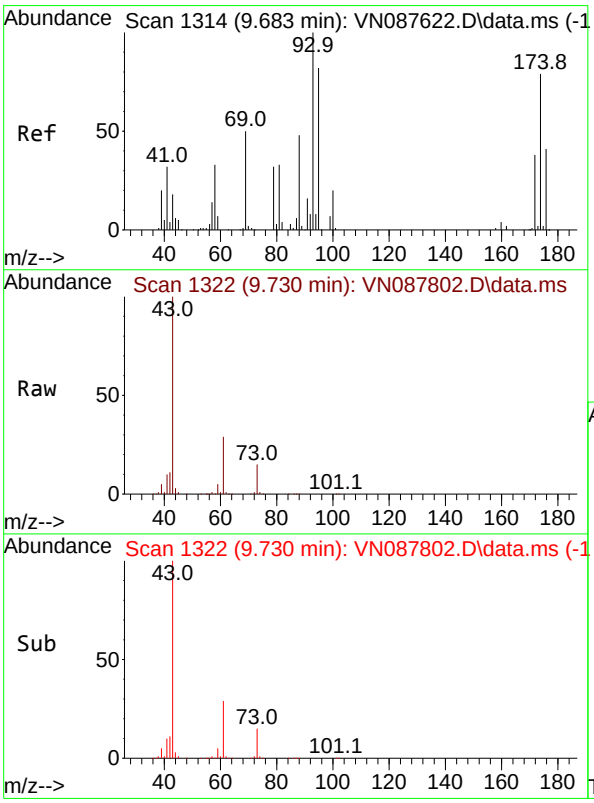
#48
Methyl methacrylate
Concen: 33.588 ug/l
RT: 9.724 min Scan# 1
Delta R.T. 0.059 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 41 Resp: 159438

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	57.9	52.9	79.3

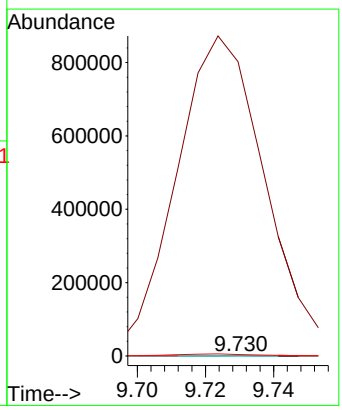


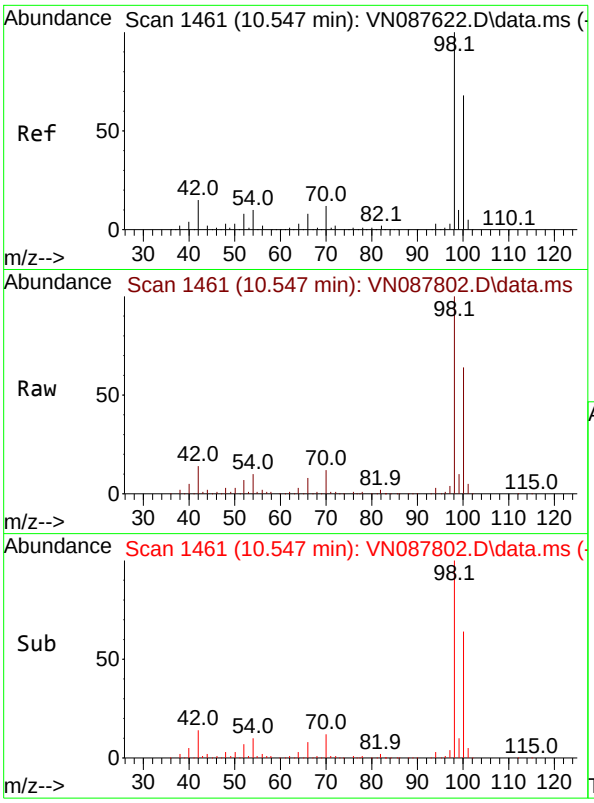


#49
1,4-Dioxane
Concen: 4.518 ug/l
RT: 9.730 min Scan# 1322
Delta R.T. 0.047 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 88 Resp: 278

Ion	Ratio	Lower	Upper
88	100		
43	584190.3	0.0	0.0#
58	3572.3	57.9	86.9#



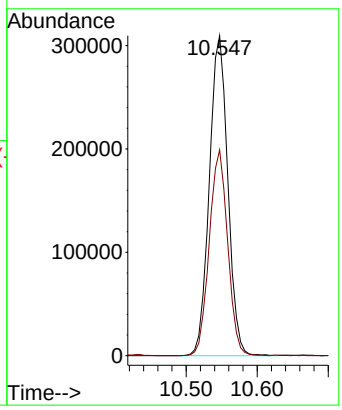


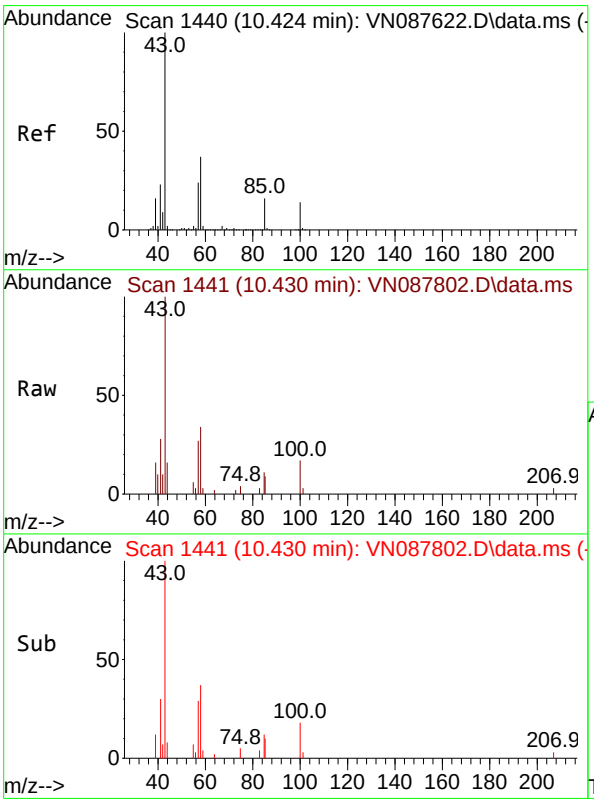
#50
Toluene-d8
Concen: 48.658 ug/l
RT: 10.547 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 98 Resp: 558414

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2

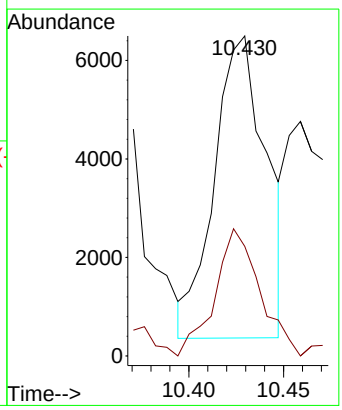


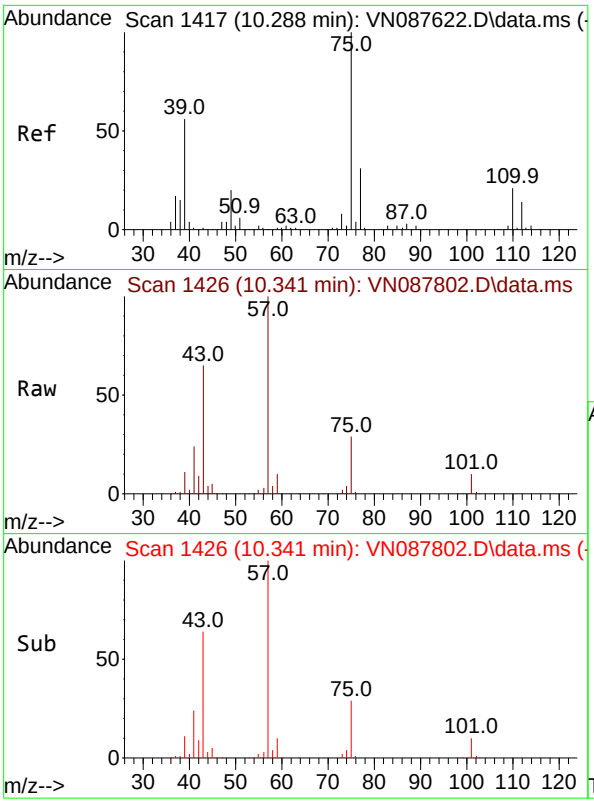


#51
4-Methyl-2-Pentanone
Concen: 1.922 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 43 Resp: 11639

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.6	44.4



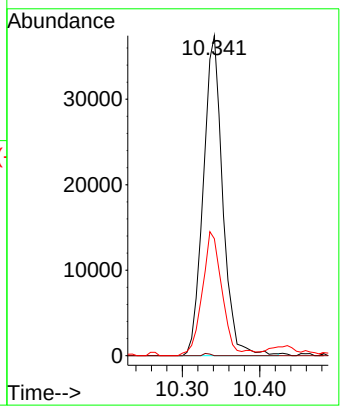


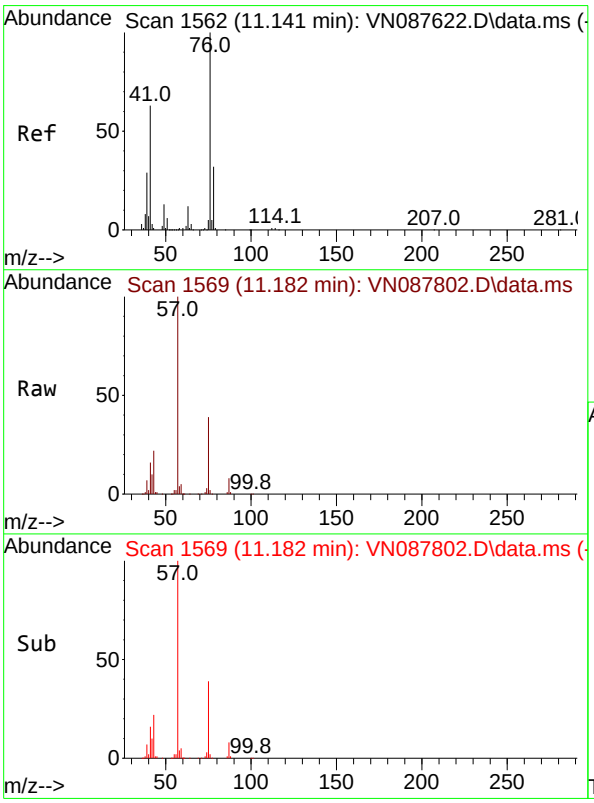
#54
cis-1,3-Dichloropropene
Concen: 10.922 ug/l
RT: 10.341 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 75 Resp: 65105

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	36.5	45.2	67.8#

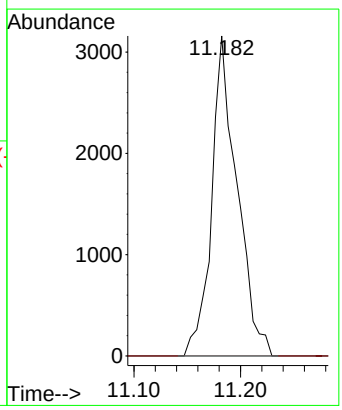


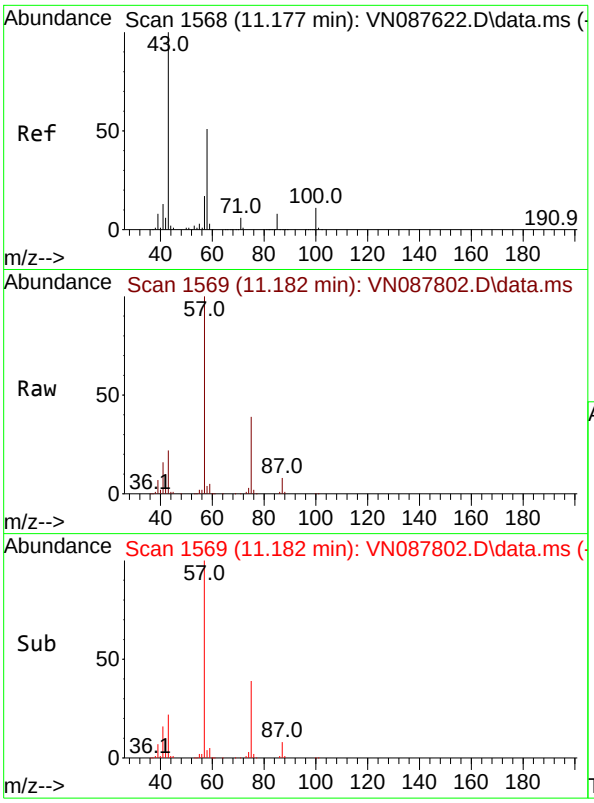


#57
1,3-Dichloropropane
Concen: 0.856 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.041 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 76 Resp: 5240

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



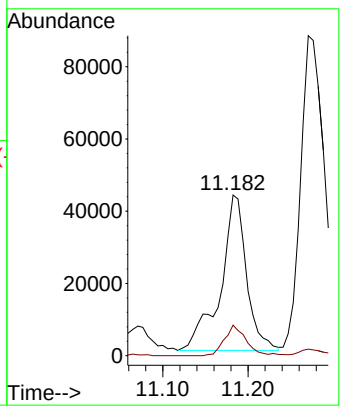


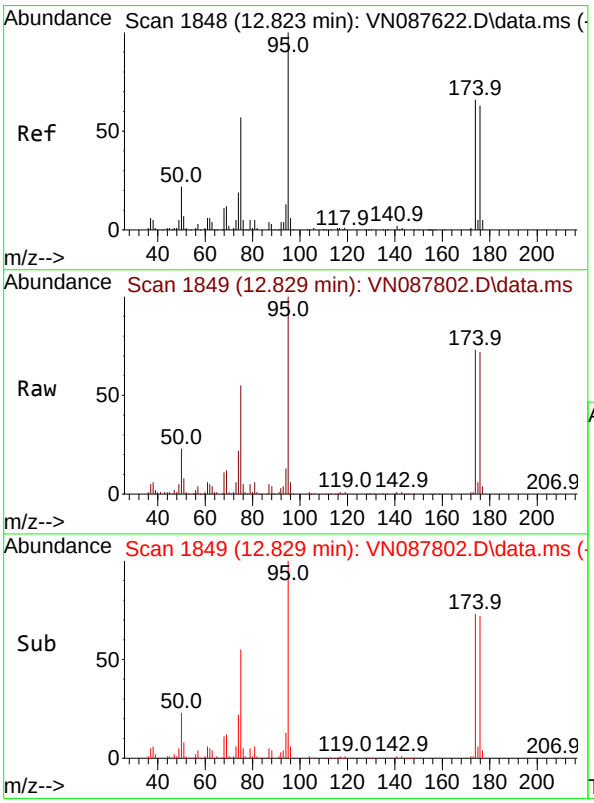
#59
2-Hexanone
Concen: 23.952 ug/l
RT: 11.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 43 Resp: 91656

Ion	Ratio	Lower	Upper
43	100		
58	16.5	25.9	77.8#

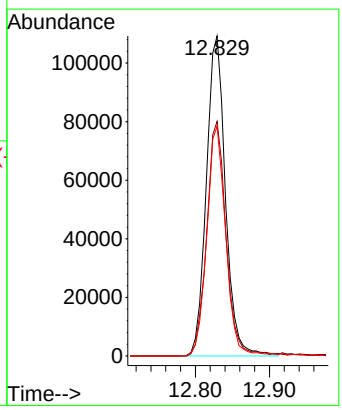


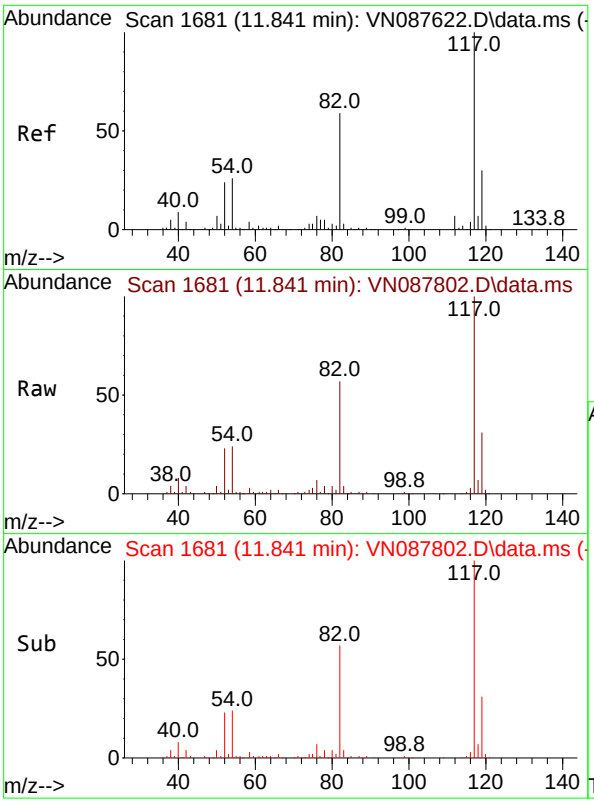


#62
4-Bromofluorobenzene
Concen: 47.887 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 95 Resp: 195441

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	138.4
176	71.3	0.0	132.6



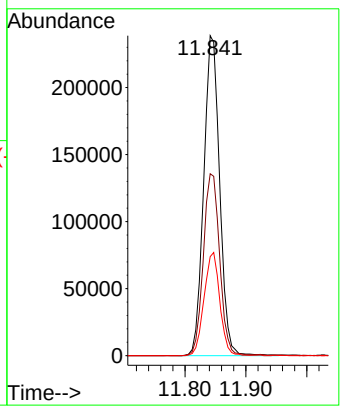


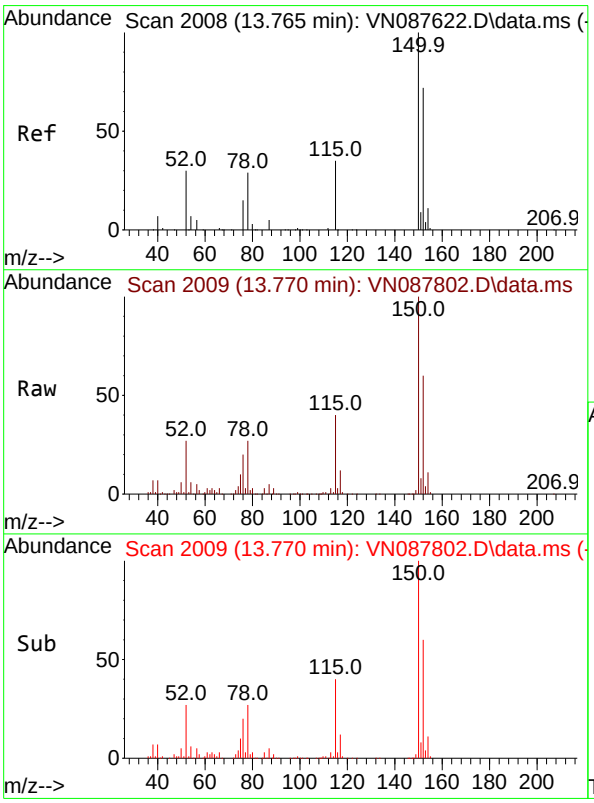
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion:117 Resp: 433932

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.4	71.2
119	30.9	24.3	36.5

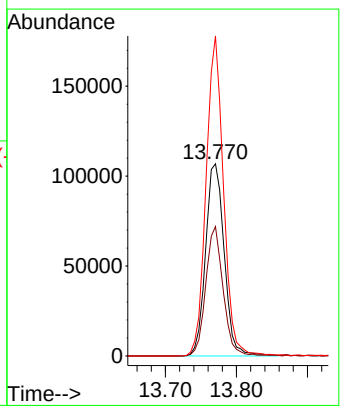


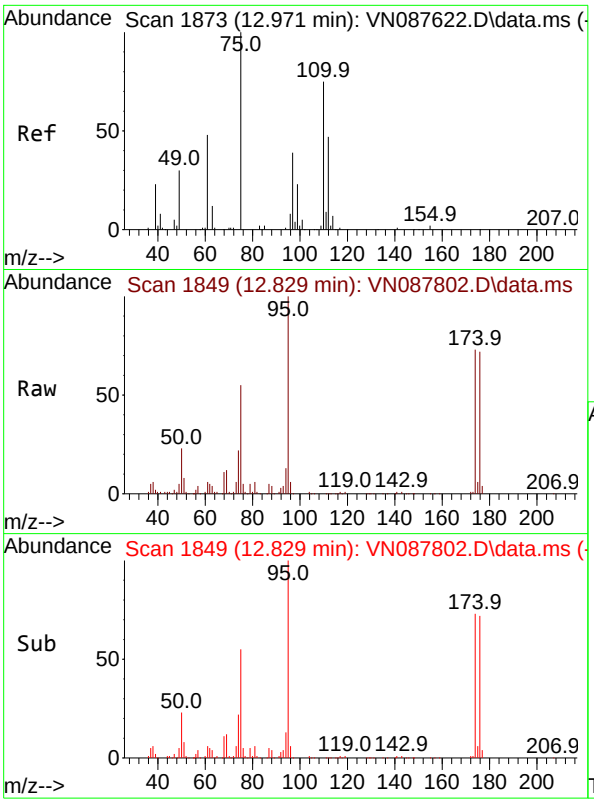


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion:152 Resp: 195449

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.3	96.8
150	155.5	0.0	351.0



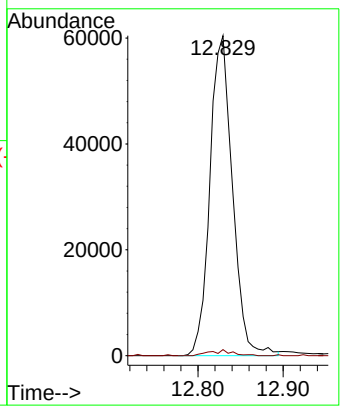


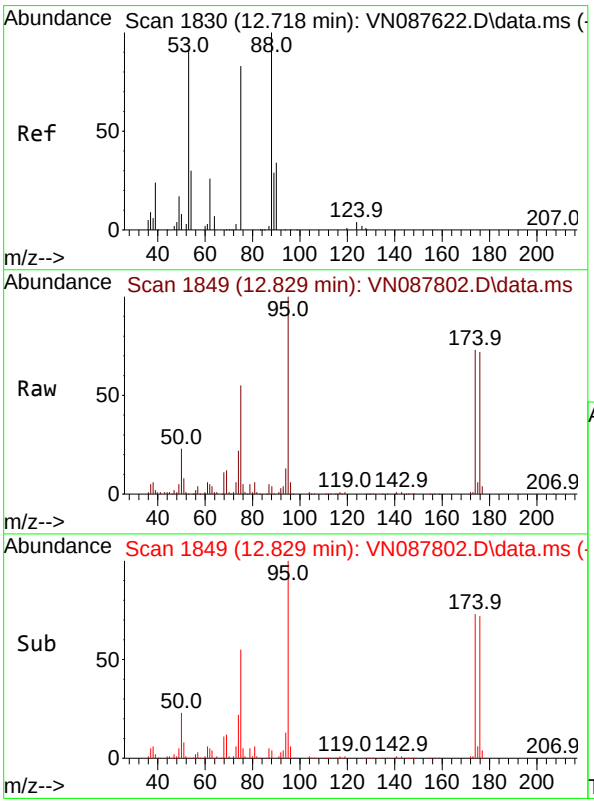
#76
1,2,3-Trichloropropane
Concen: 24.267 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Instrument :
MSVOA_N
ClientSampleId :
MH-384

Tgt Ion: 75 Resp: 111227

Ion	Ratio	Lower	Upper
75	100		
77	1.0	89.1	267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.245 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087802.D
Acq: 11 Sep 2025 16:48

Tgt Ion: 75 Resp: 111227

Ion	Ratio	Lower	Upper
75	100		
53	0.3	101.8	152.6#
89	0.4	35.6	53.4#