Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
Data File : VN088271.D
Acq On : 12 Nov 2025 13:13
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 14 00:11:36 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

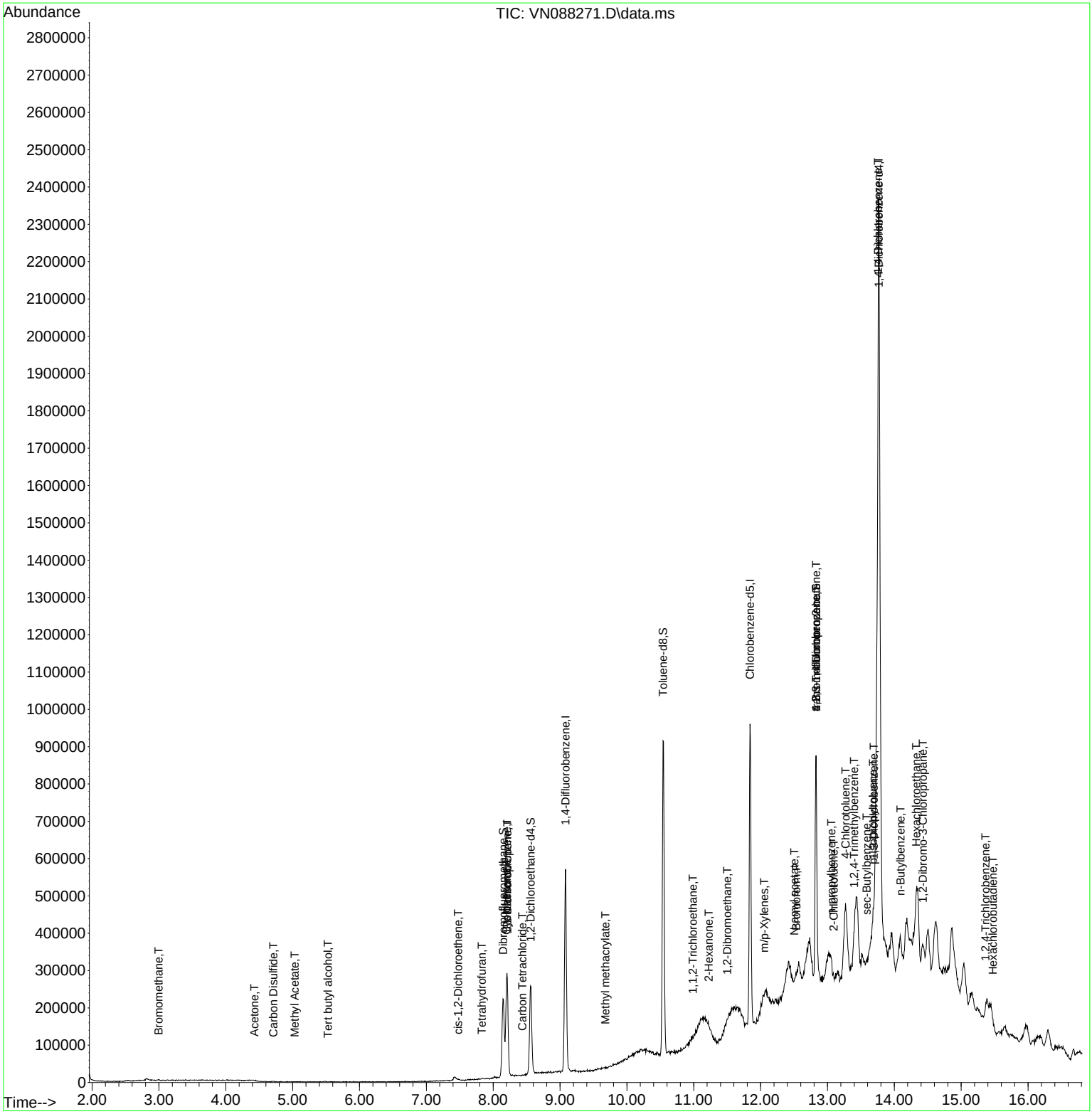
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.206	168	184602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	429826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	433884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223288	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200992	62.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.920%#			
35) Dibromofluoromethane	8.147	113	150578	52.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.541	98	567375	50.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.829	95	226803	57.719	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.440%			
Target Compounds						Qvalue
5) Bromomethane	2.995	94	981	0.614	ug/l	86
11) Tert butyl alcohol	5.530	59	134	0.244	ug/l #	71
16) Acetone	4.430	43	2971	1.853	ug/l #	85
17) Carbon Disulfide	4.712	76	1415	0.201	ug/l #	74
18) Methyl Acetate	5.030	43	1782	0.543	ug/l #	54
27) cis-1,2-Dichloroethene	7.477	96	686	0.234	ug/l #	1
29) Tetrahydrofuran	7.830	42	365	0.265	ug/l #	34
31) Cyclohexane	8.200	56	6593	1.475	ug/l #	42
36) 1,1-Dichloropropene	8.212	75	20000	4.744	ug/l #	53
38) Carbon Tetrachloride	8.435	117	1267	0.291	ug/l #	23
48) Methyl methacrylate	9.677	41	1328	0.344	ug/l #	63
55) 1,1,2-Trichloroethane	10.988	97	1543	0.514	ug/l #	25
59) 2-Hexanone	11.224	43	812	0.247	ug/l	70
61) 1,2-Dibromoethane	11.500	107	1411	0.456	ug/l	81
68) m/p-Xylenes	12.053	106	3248	0.501	ug/l #	14
71) Bromoform	12.535	173	2430	1.009	ug/l #	28
74) N-amyl acetate	12.506	43	1311	0.268	ug/l #	38
76) 1,2,3-Trichloropropane	12.829	75	137863	27.005	ug/l #	1
78) n-propylbenzene	13.059	91	4812	0.229	ug/l	99
79) 2-Chlorotoluene	13.094	91	2970	0.248	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.829	75	137863	75.332	ug/l #	1
82) 4-Chlorotoluene	13.270	91	63883	4.927	ug/l #	45
84) 1,2,4-Trimethylbenzene	13.400	105	3566	0.249	ug/l	75
85) sec-Butylbenzene	13.588	105	4888	0.260	ug/l	86
86) p-Isopropyltoluene	13.682	119	31108	2.066	ug/l #	50
87) 1,3-Dichlorobenzene	13.694	146	2531	0.341	ug/l #	24
88) 1,4-Dichlorobenzene	13.759	146	2102	0.264	ug/l #	1
89) n-Butylbenzene	14.094	91	8149	0.546	ug/l #	40
90) Hexachloroethane	14.329	117	1575	0.540	ug/l	65
92) 1,2-Dibromo-3-Chloropr...	14.429	75	693	0.555	ug/l	72
93) 1,2,4-Trichlorobenzene	15.364	180	1082	0.250	ug/l #	59
94) Hexachlorobutadiene	15.476	225	605	0.375	ug/l #	63

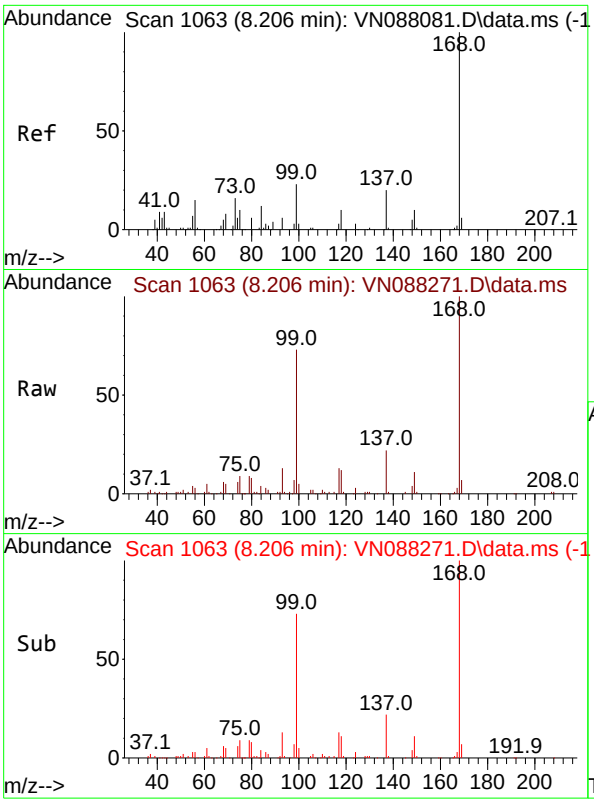
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
Data File : VN088271.D
Acq On : 12 Nov 2025 13:13
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 14 00:11:36 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



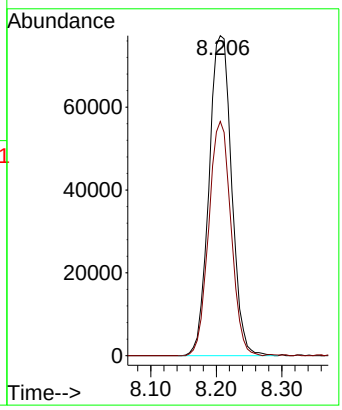


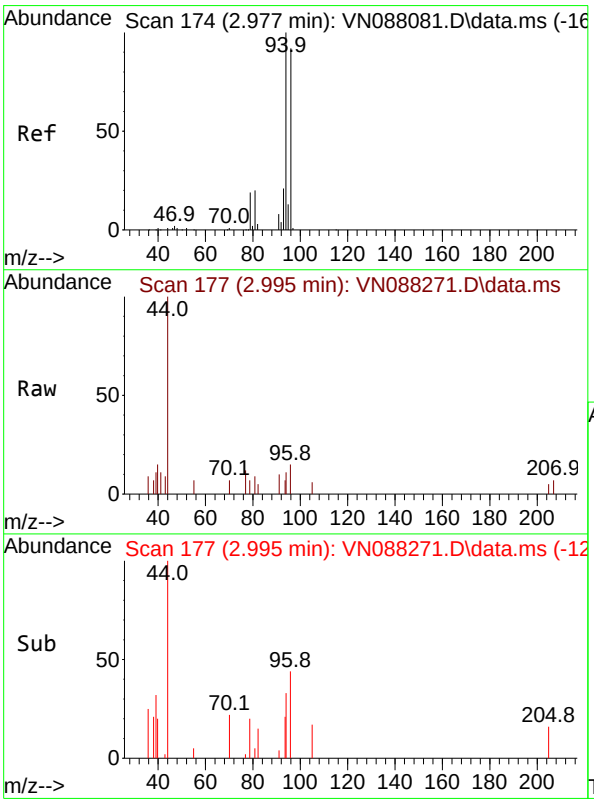
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 184602

Ion	Ratio	Lower	Upper
168	100		
99	73.2	57.2	85.8

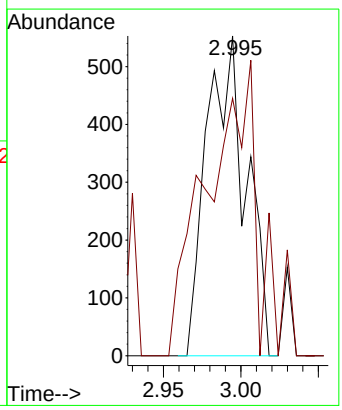


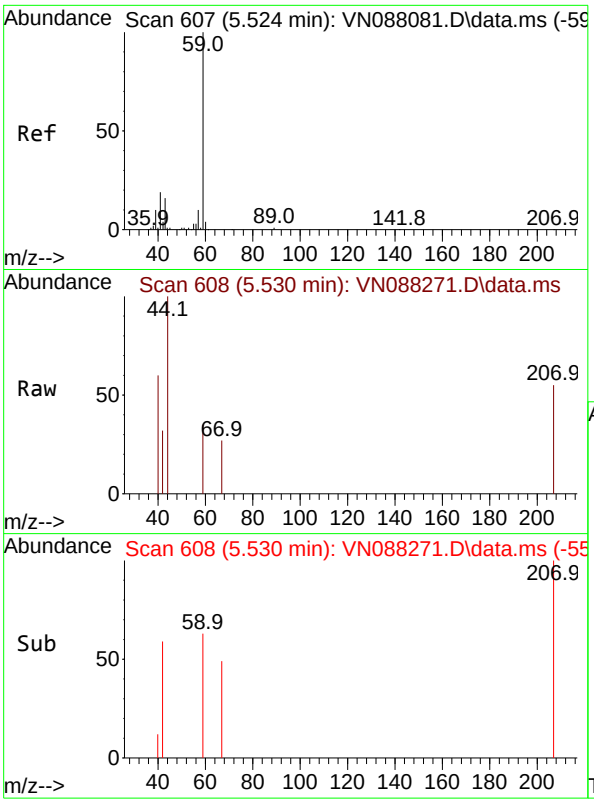


#5
Bromomethane
Concen: 0.614 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 94 Resp: 981

Ion	Ratio	Lower	Upper
94	100		
96	80.5	75.4	113.2



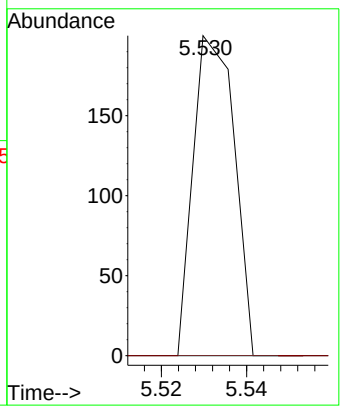


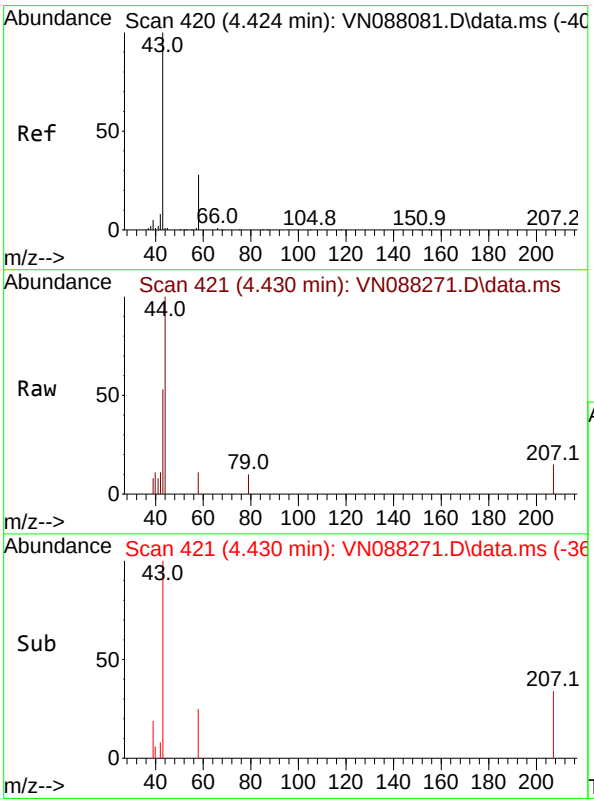
#11
Tert butyl alcohol
Concen: 0.244 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 59 Resp: 134

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

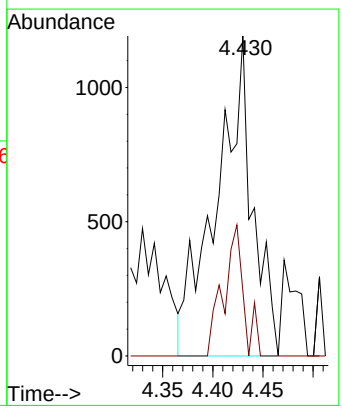


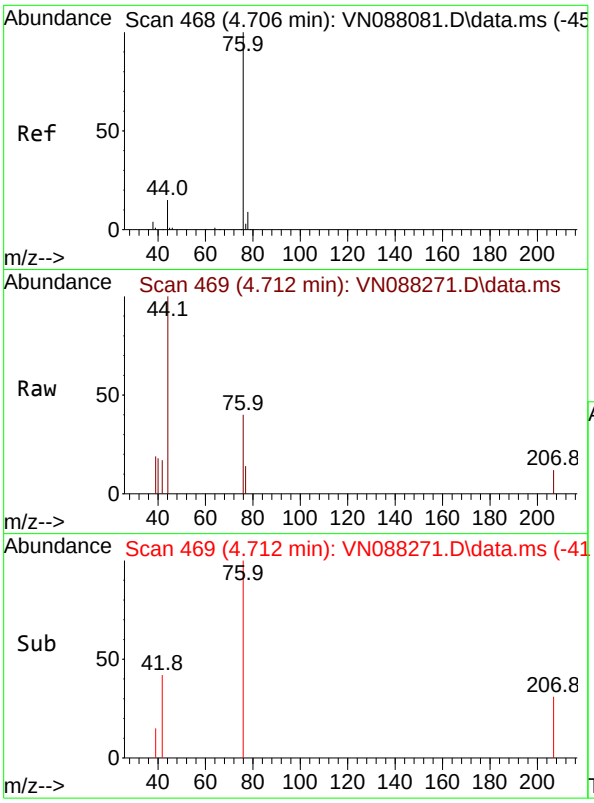


#16
Acetone
Concen: 1.853 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 43 Resp: 2971

Ion	Ratio	Lower	Upper
43	100		
58	20.4	22.6	33.8#



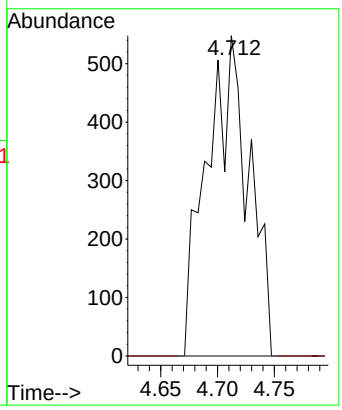


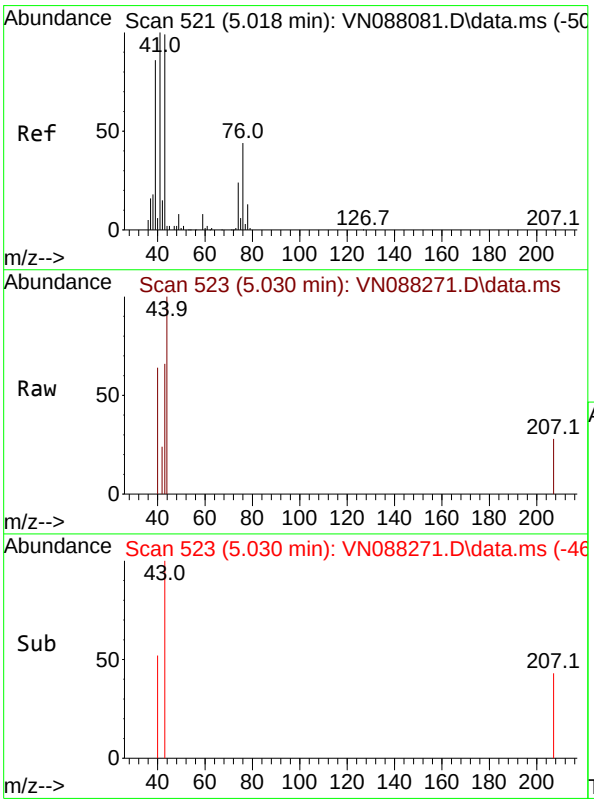
#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 76 Resp: 1415

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

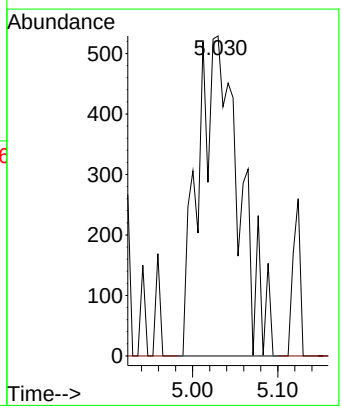


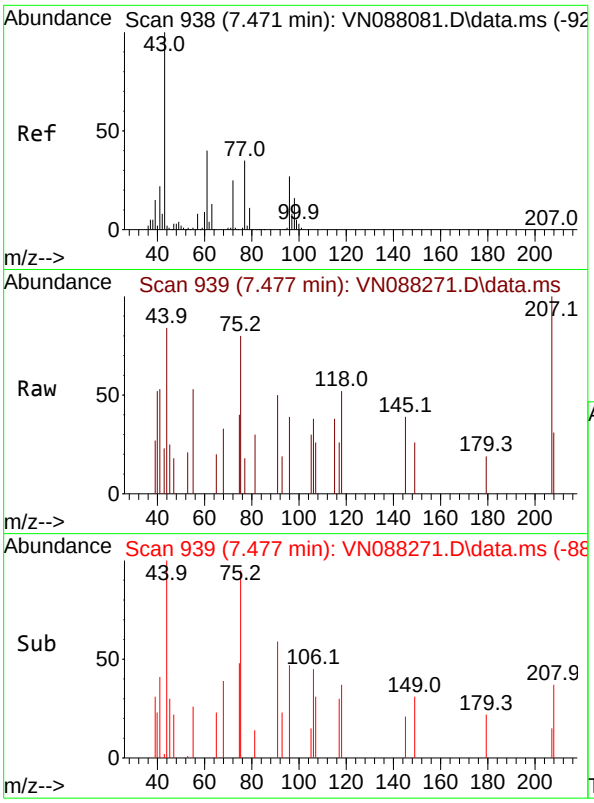


#18
Methyl Acetate
Concen: 0.543 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 43 Resp: 1782

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.6	26.4#



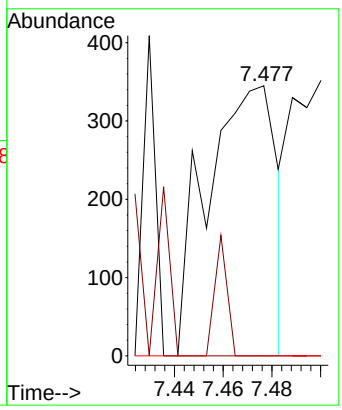


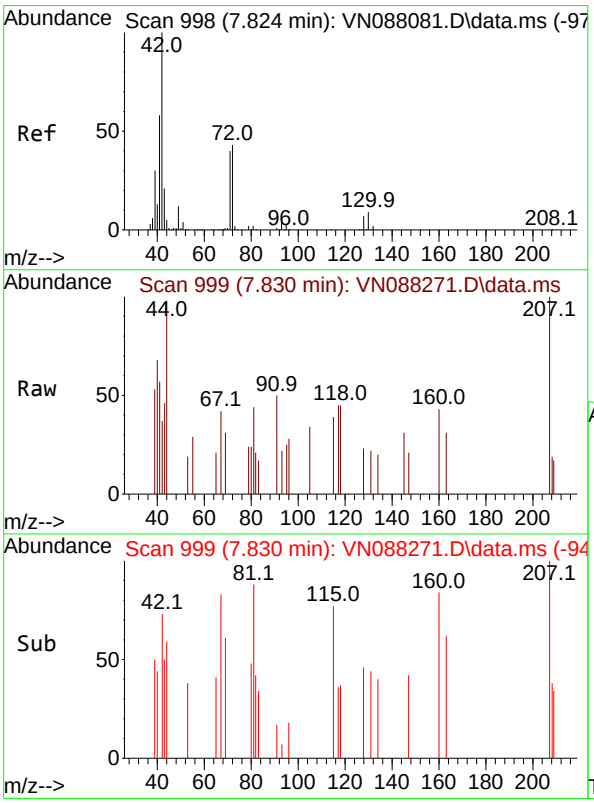
#27
cis-1,2-Dichloroethene
Concen: 0.234 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 96 Resp: 686

Ion	Ratio	Lower	Upper
96	100		
61	7.9	0.0	301.8
98	0.0	0.0	126.2

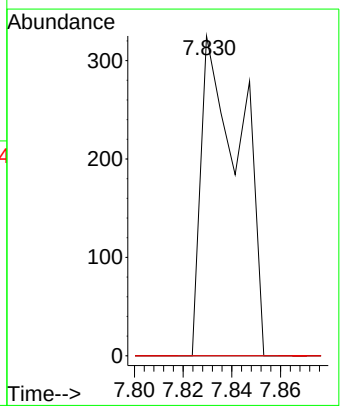


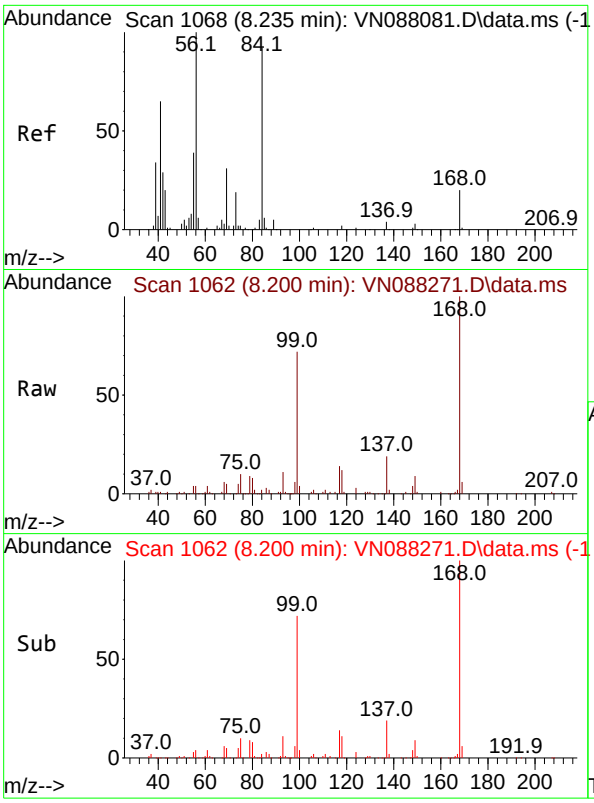


#29
Tetrahydrofuran
Concen: 0.265 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 42 Resp: 365

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



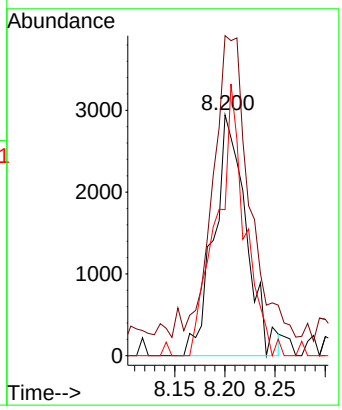


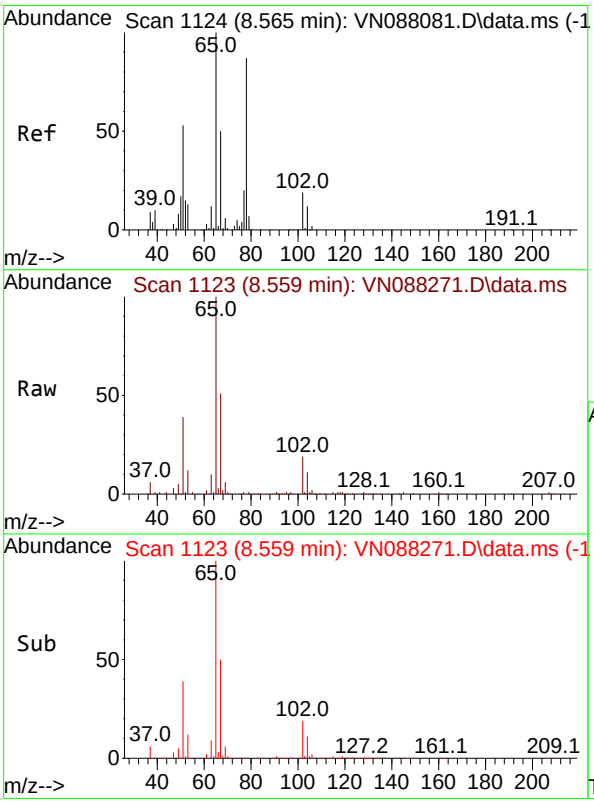
#31
Cyclohexane
Concen: 1.475 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 6593

Ion	Ratio	Lower	Upper
56	100		
69	113.0	23.7	35.5#
84	60.7	64.7	97.1#

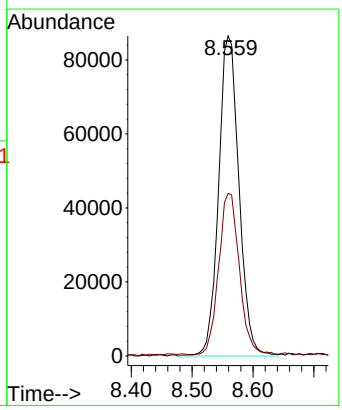


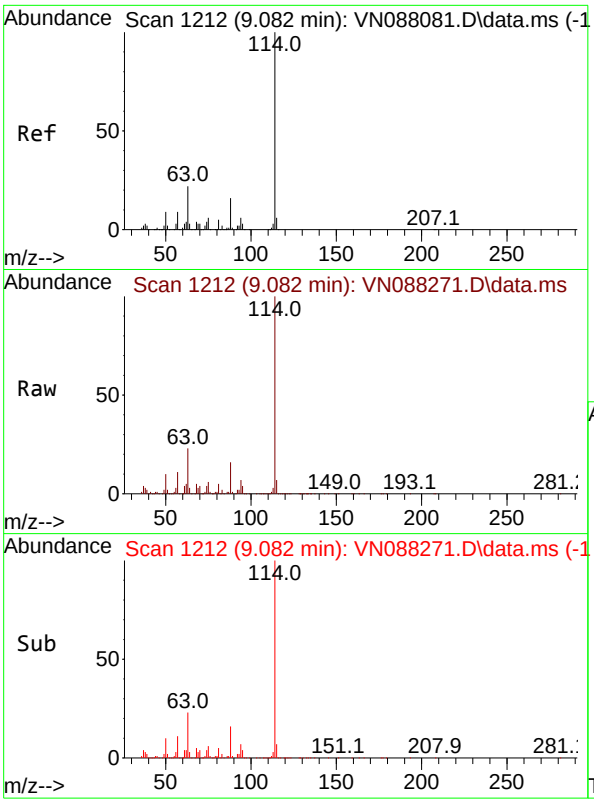


#33
1,2-Dichloroethane-d4
Concen: 62.964 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 65 Resp: 200992

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.0



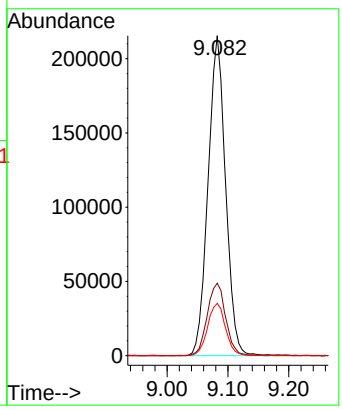


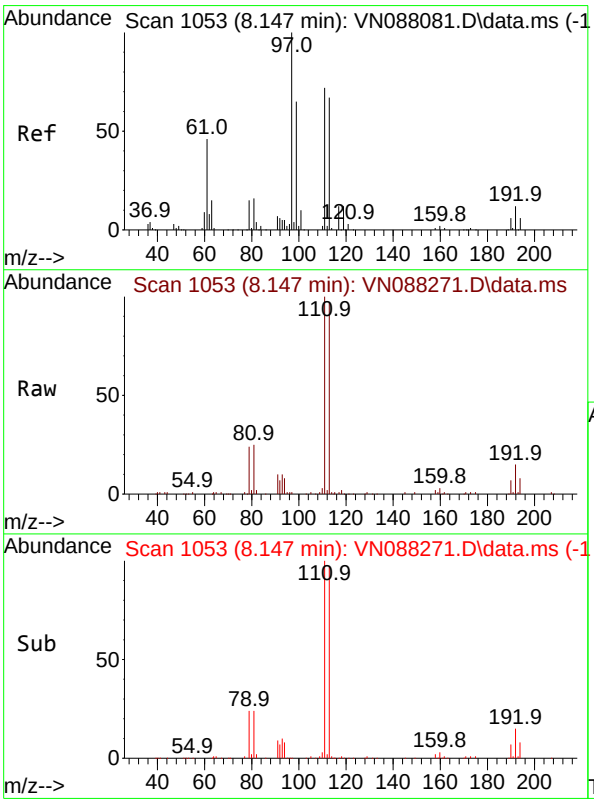
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 429826

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	16.4	0.0	33.4

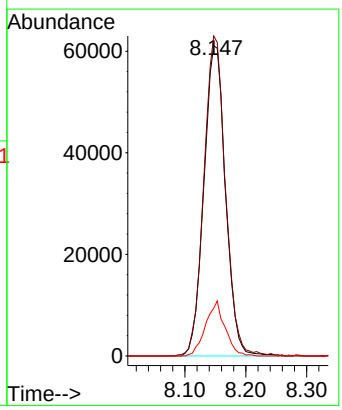


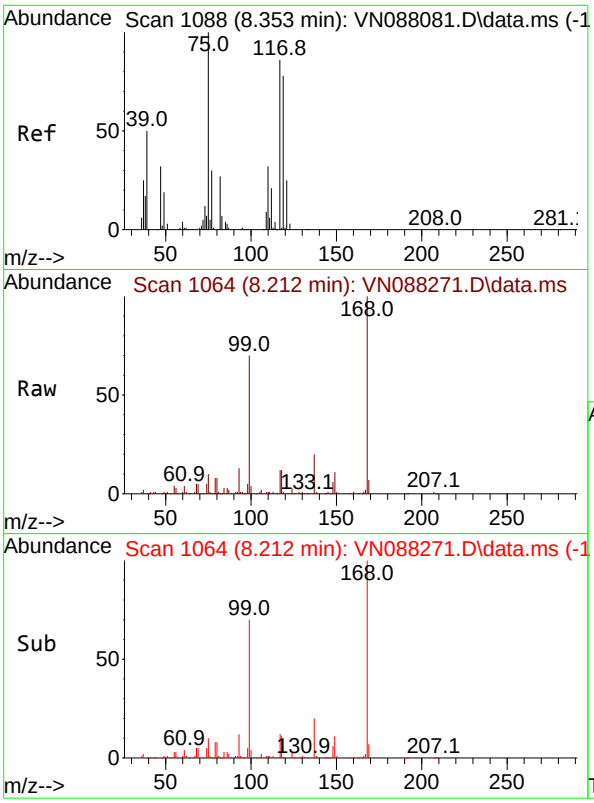


#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:113 Resp: 150578

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	16.0	12.8	19.2



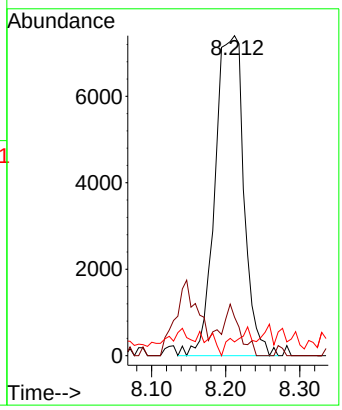


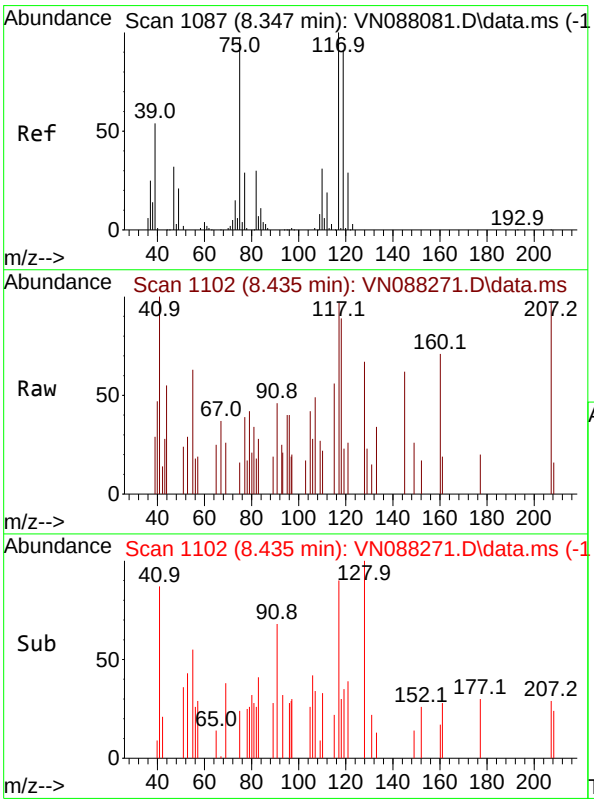
#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 8.212 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 20000

Ion	Ratio	Lower	Upper
75	100		
110	9.8	15.9	47.6#
77	0.0	24.4	36.6#

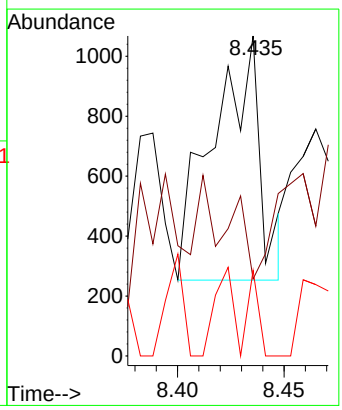


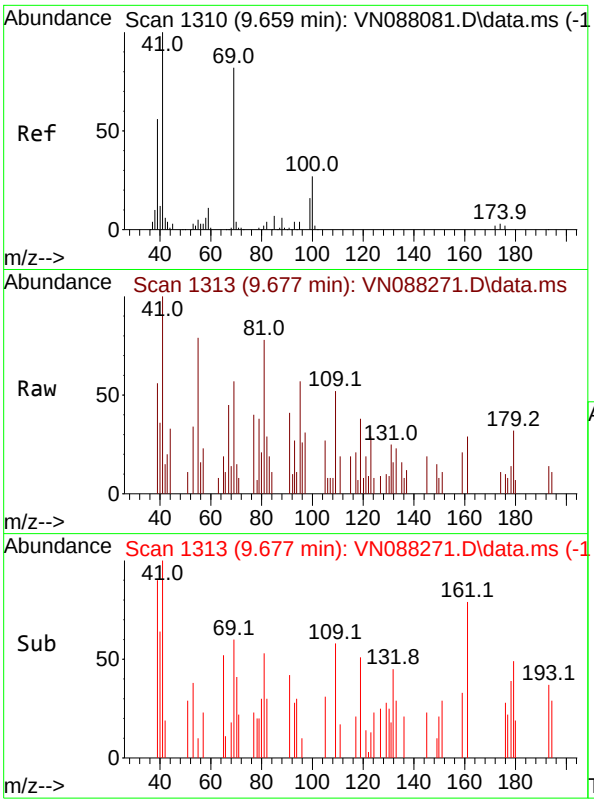


#38
Carbon Tetrachloride
Concen: 0.291 ug/l
RT: 8.435 min Scan# 1102
Delta R.T. 0.094 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:117 Resp: 1267

Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.0	118.6#
121	35.1	25.0	37.6



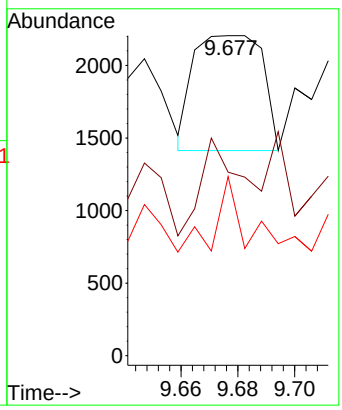


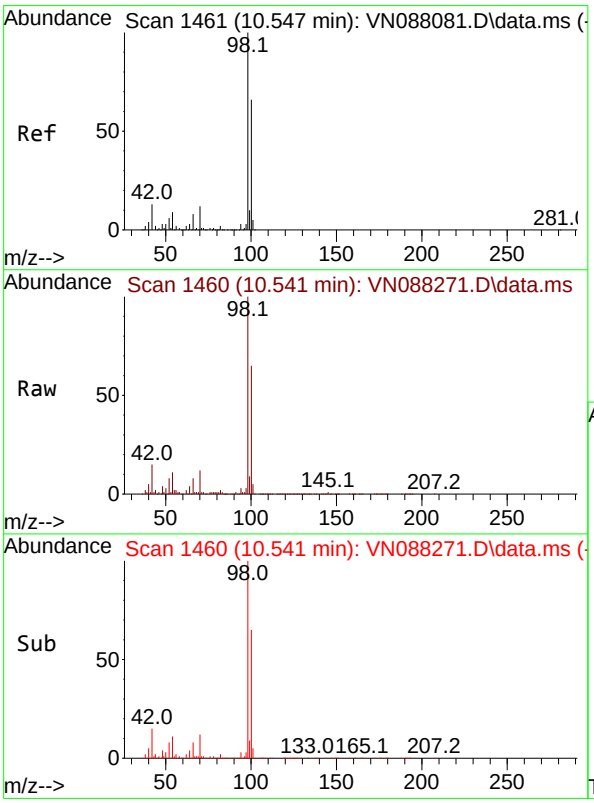
#48
Methyl methacrylate
Concen: 0.344 ug/l
RT: 9.677 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 41 Resp: 1328

Ion	Ratio	Lower	Upper
41	100		
69	53.5	62.7	94.1#
39	29.5	52.9	79.3#

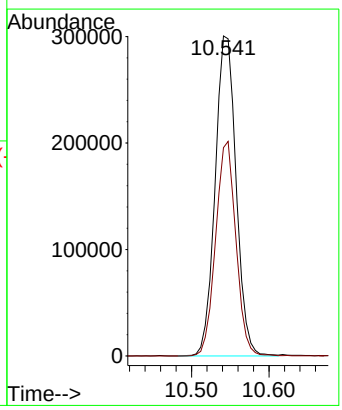


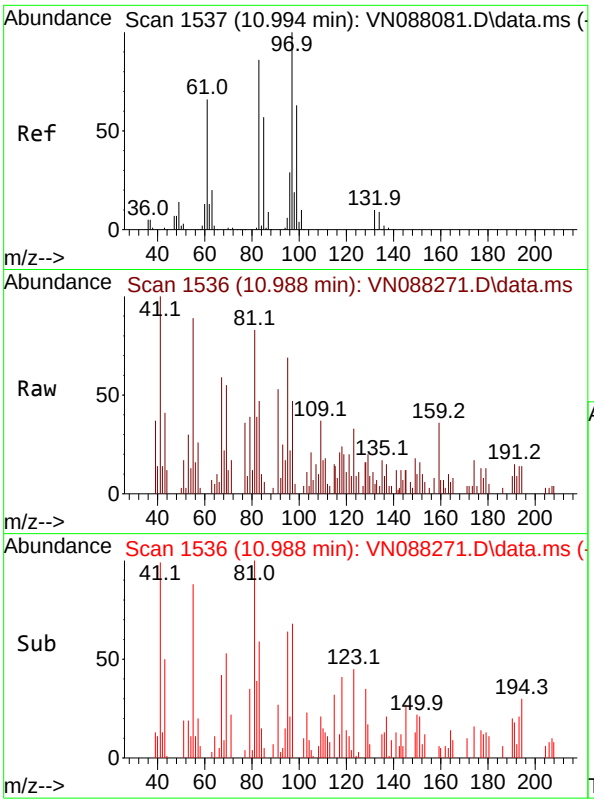


#50
Toluene-d8
Concen: 50.994 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 98 Resp: 567375

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.8	79.2



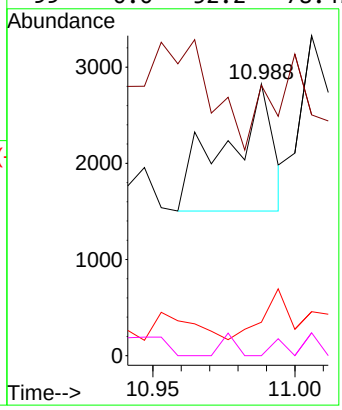


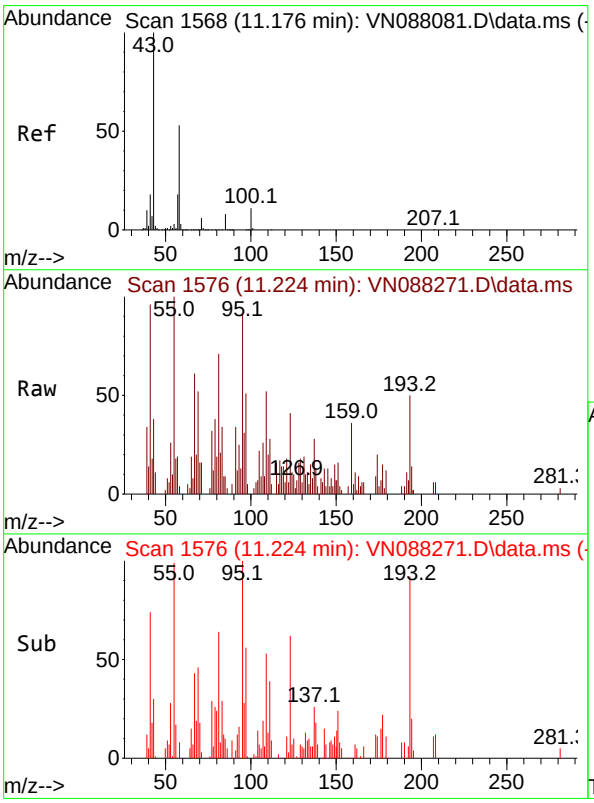
#55
1,1,2-Trichloroethane
Concen: 0.514 ug/l
RT: 10.988 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 97 Resp: 1543

Ion	Ratio	Lower	Upper
97	100		
83	24.5	68.2	102.4#
85	0.0	45.5	68.3#
99	0.0	52.2	78.4#

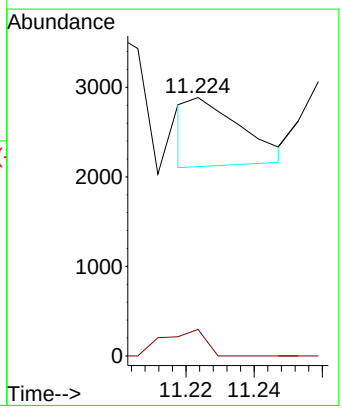


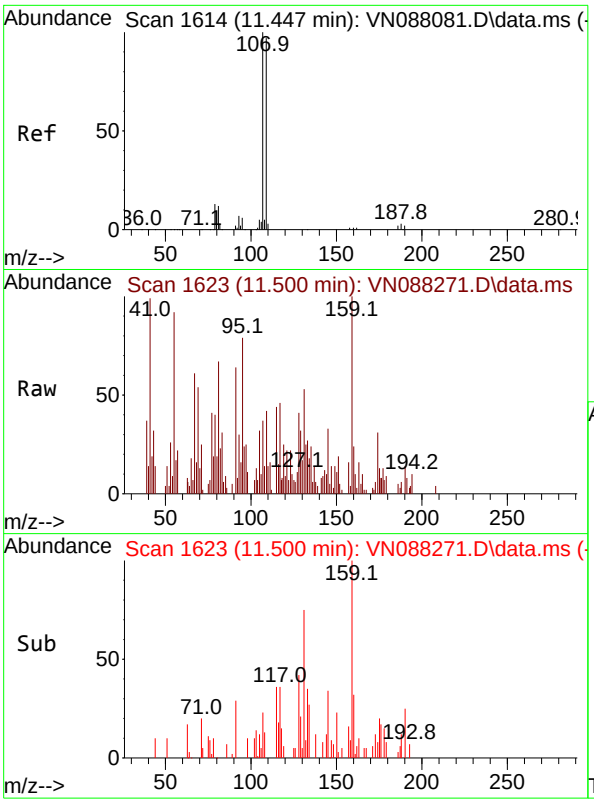


#59
2-Hexanone
Concen: 0.247 ug/l
RT: 11.224 min Scan# 1576
Delta R.T. 0.047 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.9	77.8



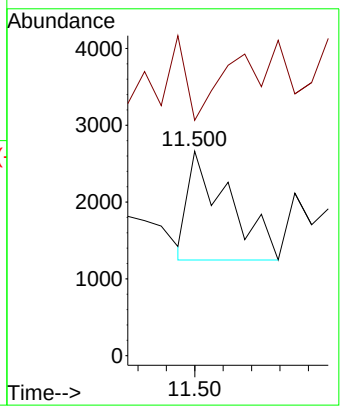


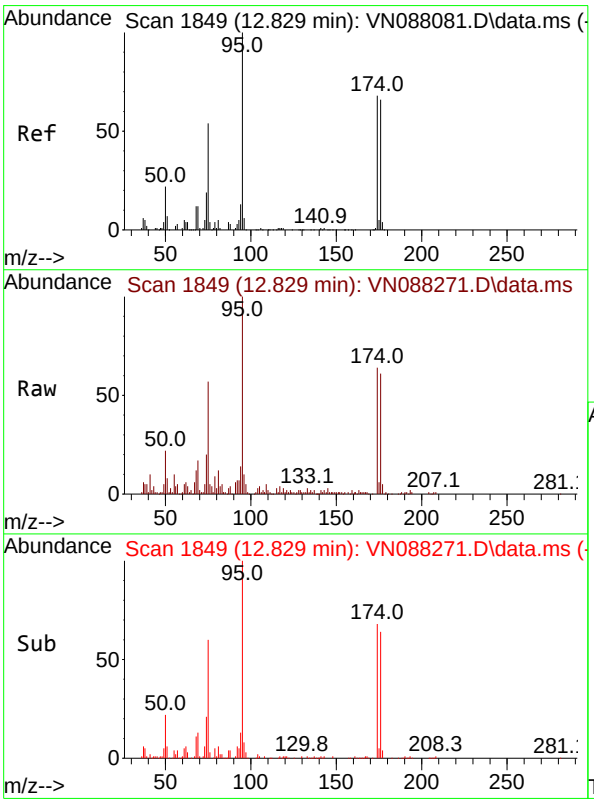
#61
1,2-Dibromoethane
Concen: 0.456 ug/l
RT: 11.500 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:107 Resp: 1411

Ion	Ratio	Lower	Upper
107	100		
109	75.4	74.7	112.1

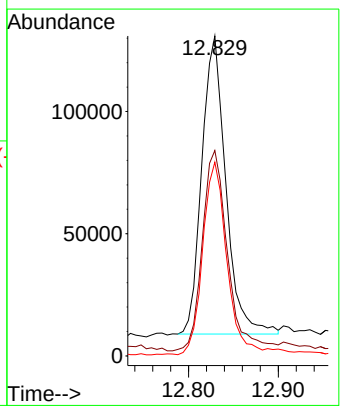


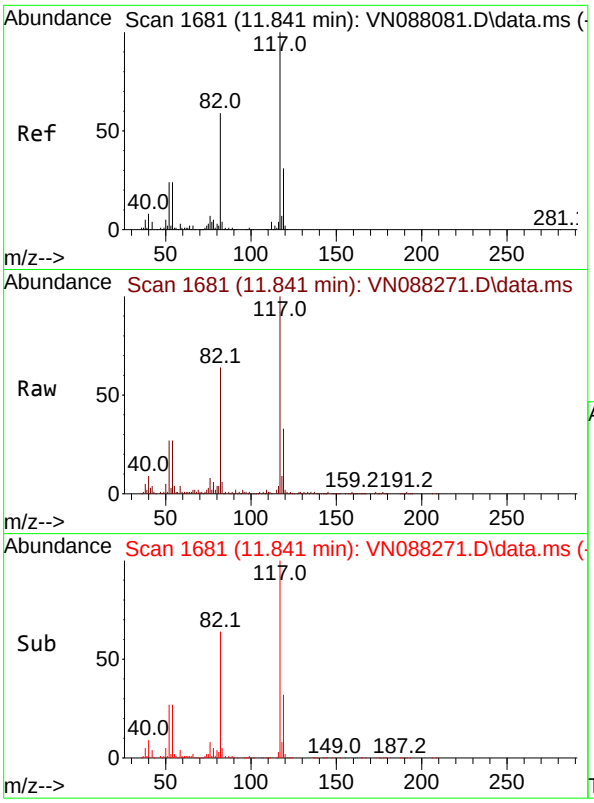


#62
4-Bromofluorobenzene
Concen: 57.719 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 95 Resp: 226803

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	138.4
176	66.4	0.0	132.6



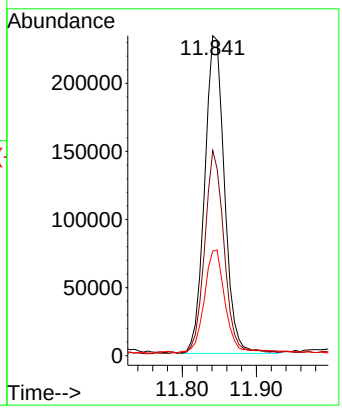


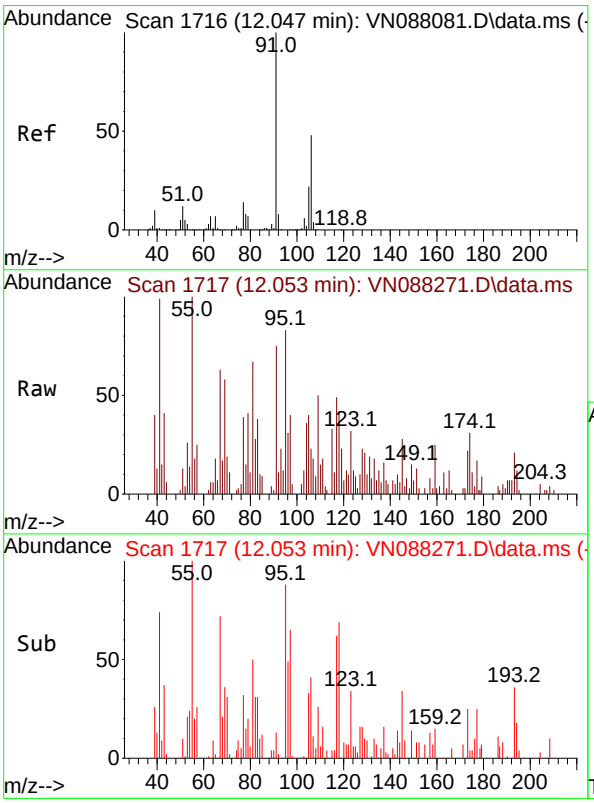
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 433884

Ion	Ratio	Lower	Upper
117	100		
82	63.8	47.4	71.2
119	31.9	24.3	36.5

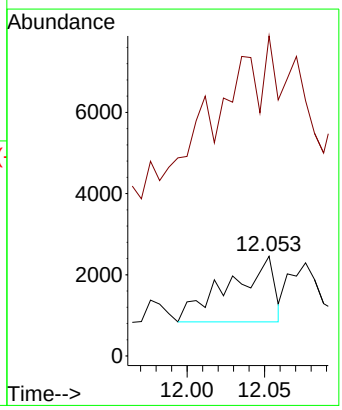


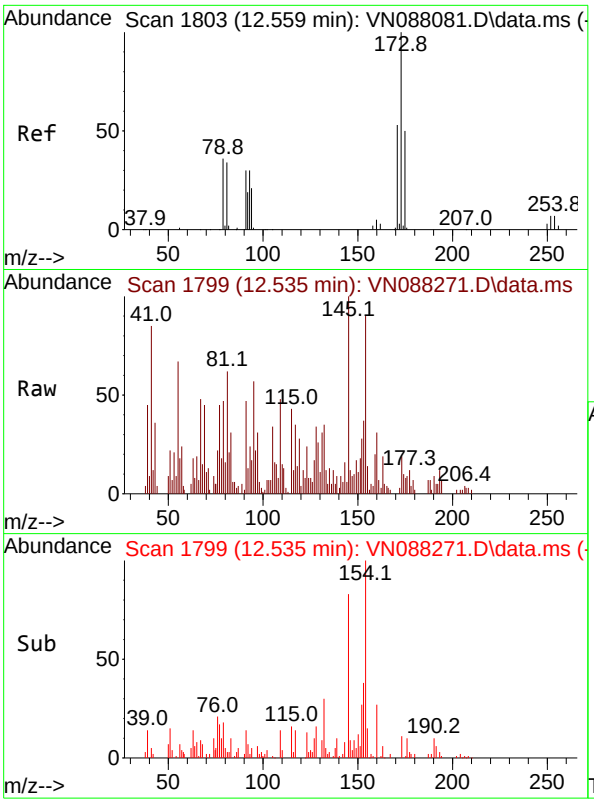


#68
m/p-Xylenes
Concen: 0.501 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:106 Resp: 3248

Ion	Ratio	Lower	Upper
106	100		
91	76.9	169.3	253.9#



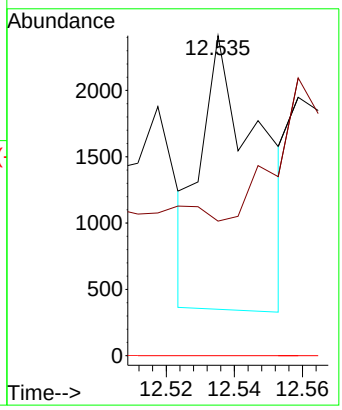


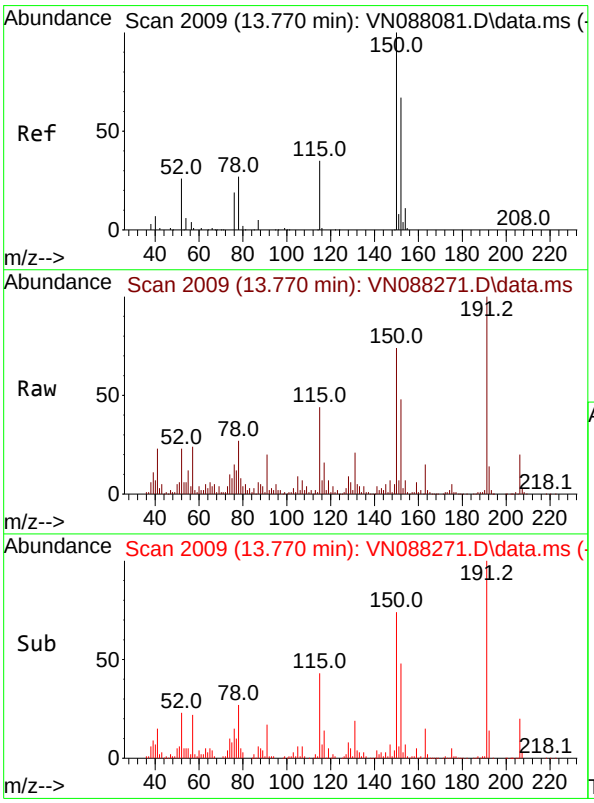
#71
Bromoform
Concen: 1.009 ug/l
RT: 12.535 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:173 Resp: 2430

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

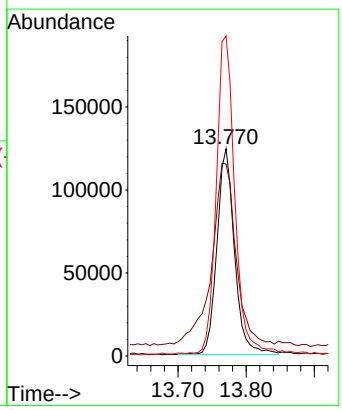


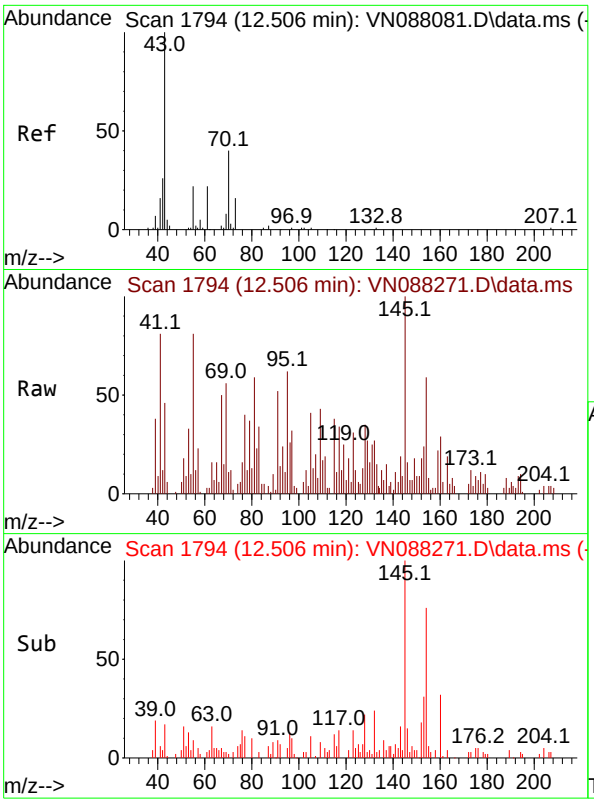


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:152 Resp: 223288

Ion	Ratio	Lower	Upper
152	100		
115	122.5	32.3	96.8#
150	163.0	0.0	351.0



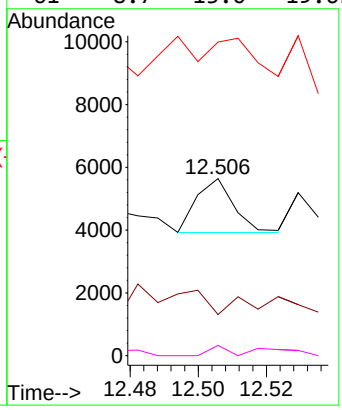


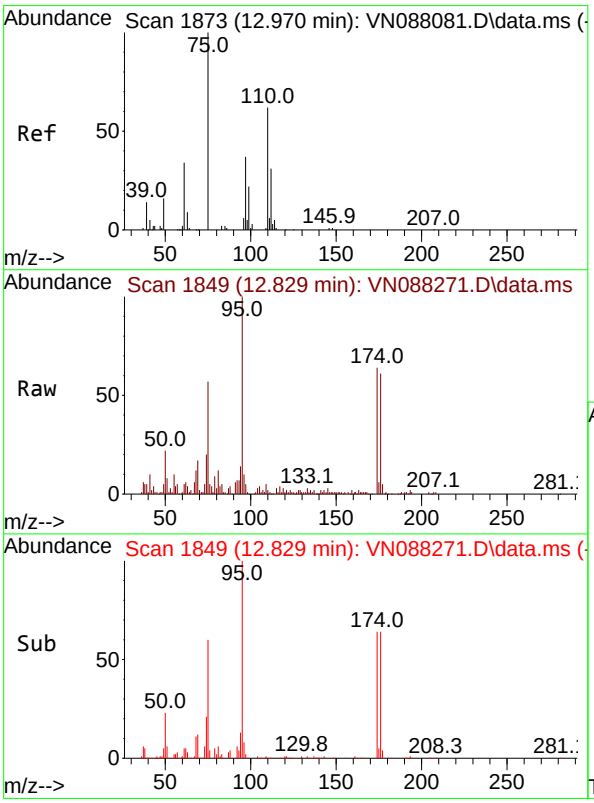
#74
N-amyl acetate
Concen: 0.268 ug/l
RT: 12.506 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 1311

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.6	41.4#
55	63.3	13.0	19.6#
61	8.7	13.0	19.6#

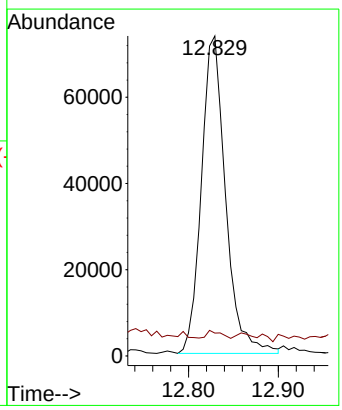


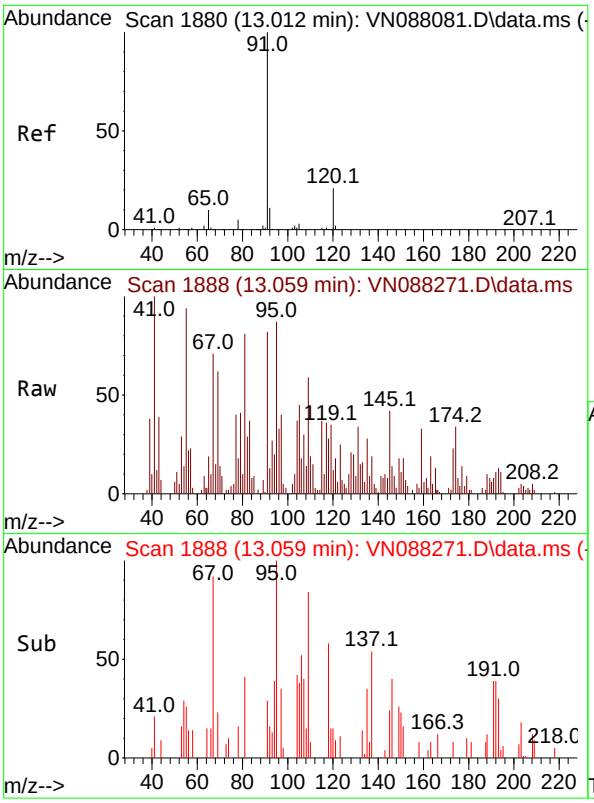


#76
1,2,3-Trichloropropane
Concen: 27.005 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 75 Resp: 137863

Ion	Ratio	Lower	Upper
75	100		
77	1.3	89.1	267.4#



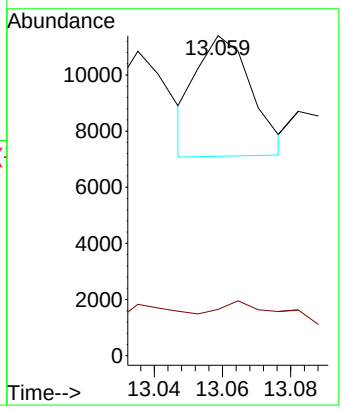


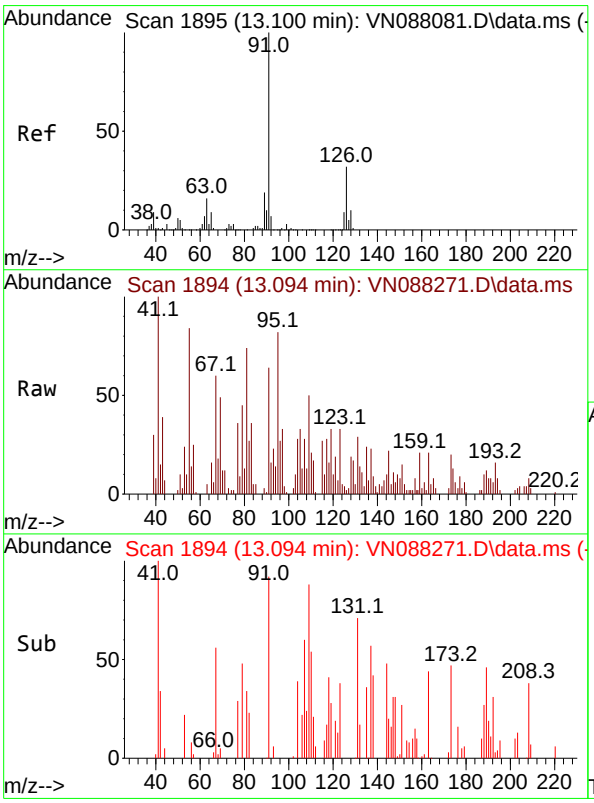
#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 13.059 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 4812

Ion	Ratio	Lower	Upper
91	100		
120	21.1	10.7	32.1

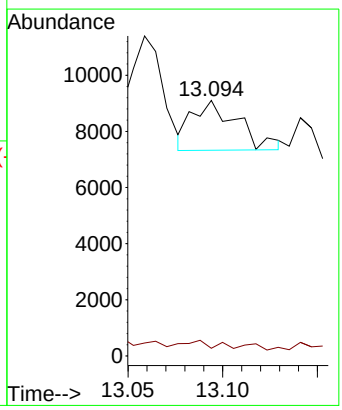


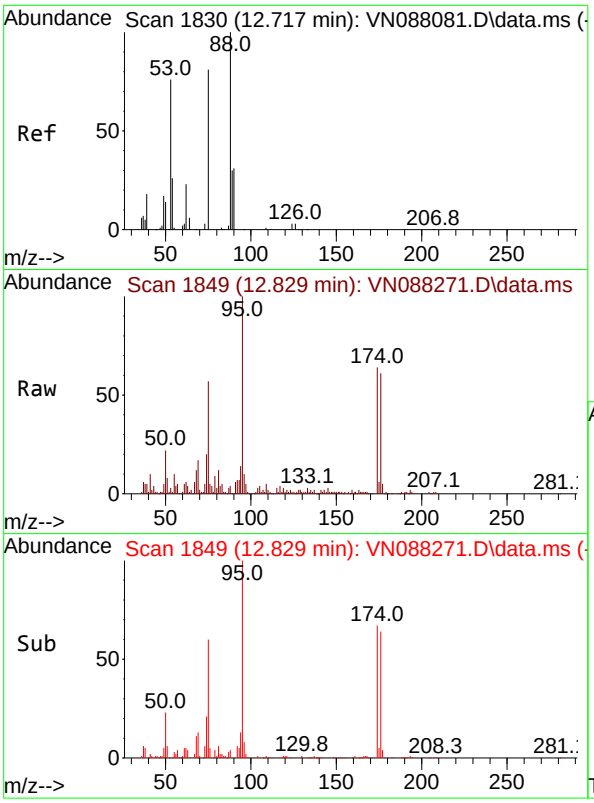


#79
2-Chlorotoluene
Concen: 0.248 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 91 Resp: 2970

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.3#



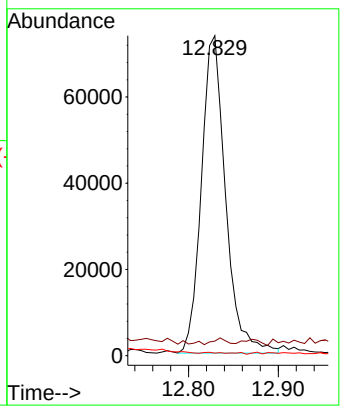


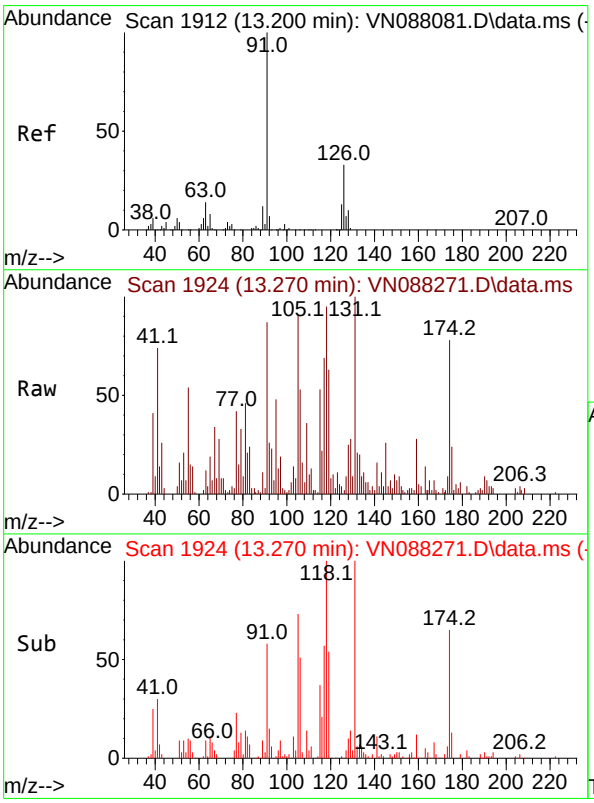
#81
trans-1,4-Dichloro-2-butene
Concen: 75.332 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 137863

Ion	Ratio	Lower	Upper
75	100		
53	1.1	101.8	152.6#
89	0.2	35.6	53.4#

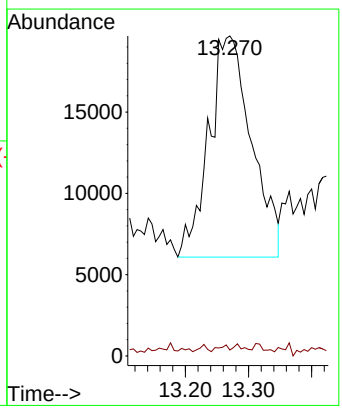


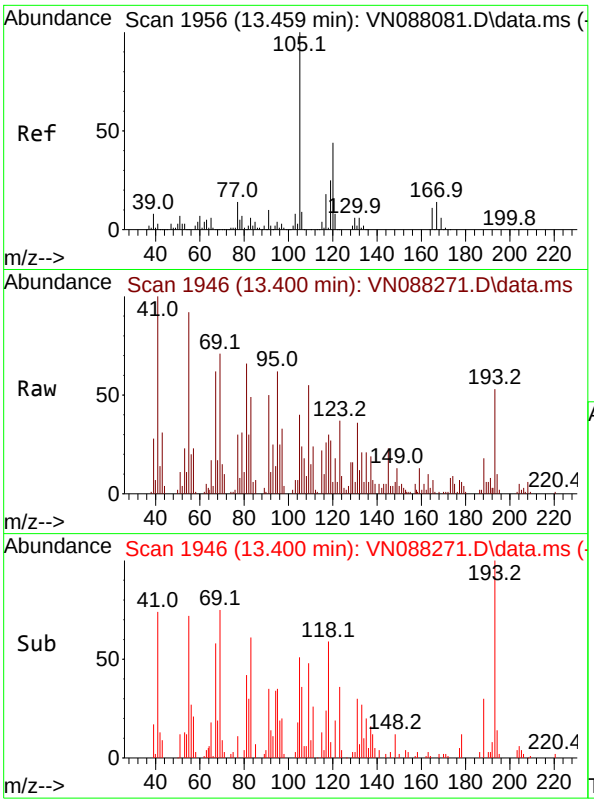


#82
4-Chlorotoluene
Concen: 4.927 ug/l
RT: 13.270 min Scan# 1924
Delta R.T. 0.070 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 91 Resp: 63883

Ion	Ratio	Lower	Upper
91	100		
126	0.7	15.6	46.8#



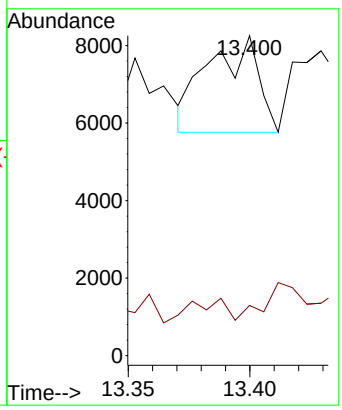


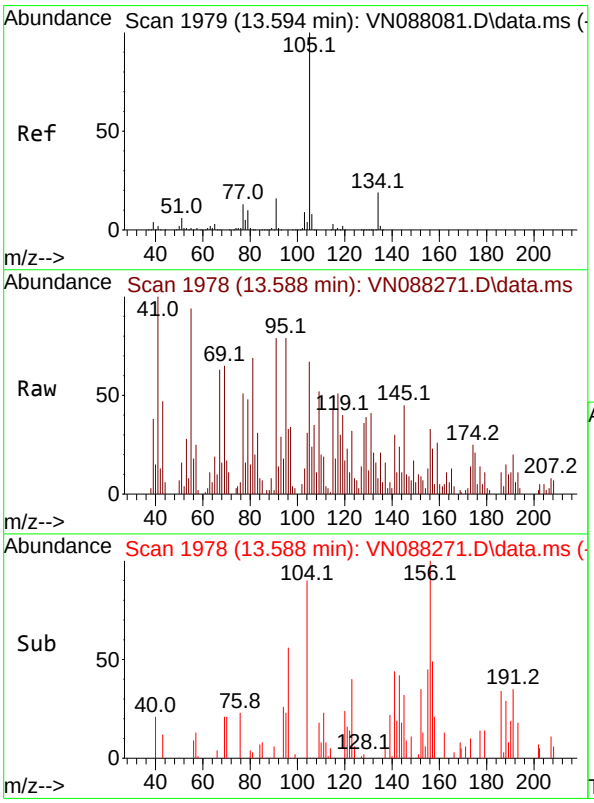
#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 13.400 min Scan# 1
Delta R.T. -0.059 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 3566

Ion	Ratio	Lower	Upper
105	100		
120	28.1	22.0	66.0

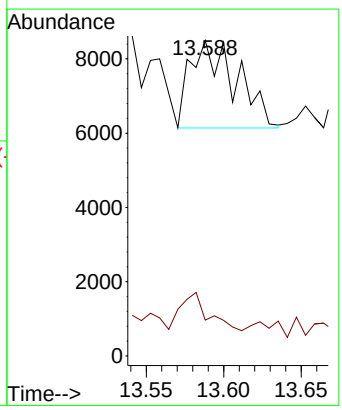


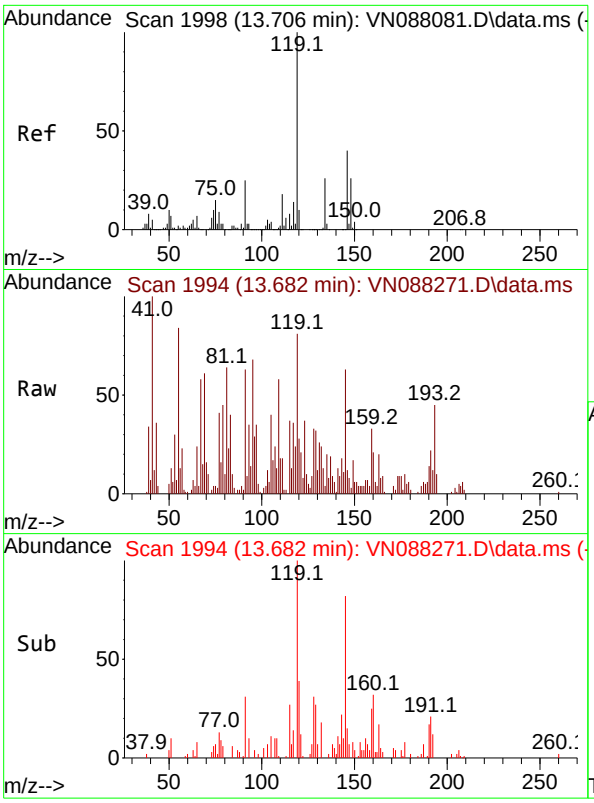


#85
sec-Butylbenzene
Concen: 0.260 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:105 Resp: 4888

Ion	Ratio	Lower	Upper
105	100		
134	25.3	9.6	28.6



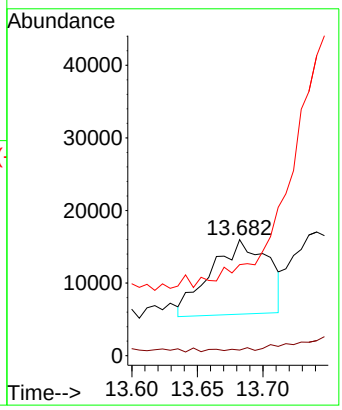


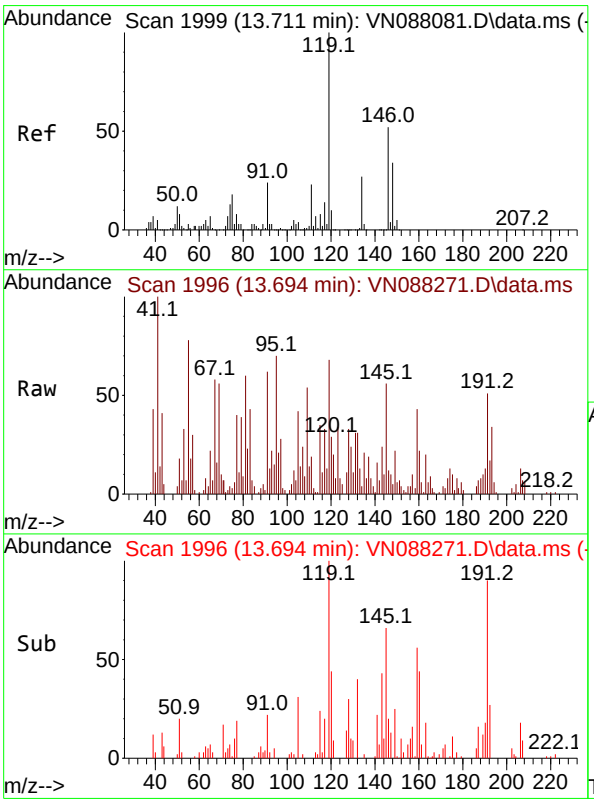
#86
p-Isopropyltoluene
Concen: 2.066 ug/l
RT: 13.682 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 31108

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	12.5	37.5#

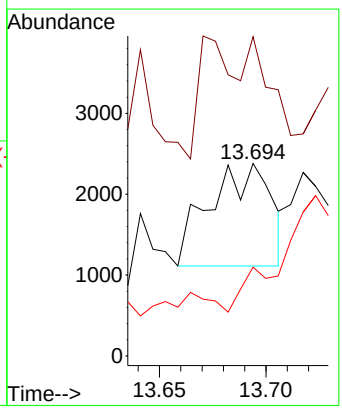


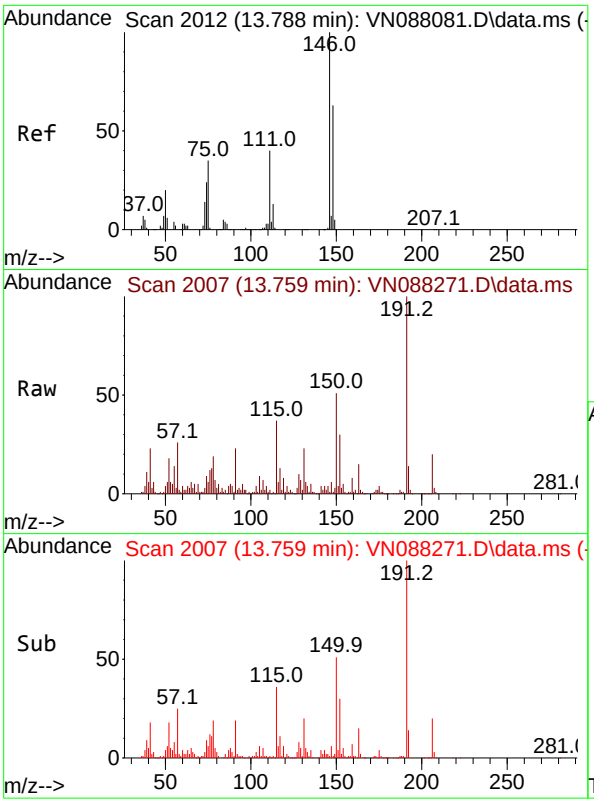


#87
1,3-Dichlorobenzene
Concen: 0.341 ug/l
RT: 13.694 min Scan# 1996
Delta R.T. -0.018 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:146 Resp: 2531

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.1	66.5#
148	0.0	32.0	96.2#



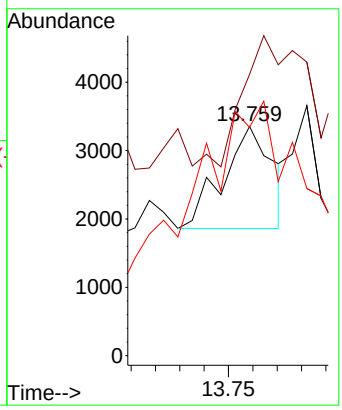


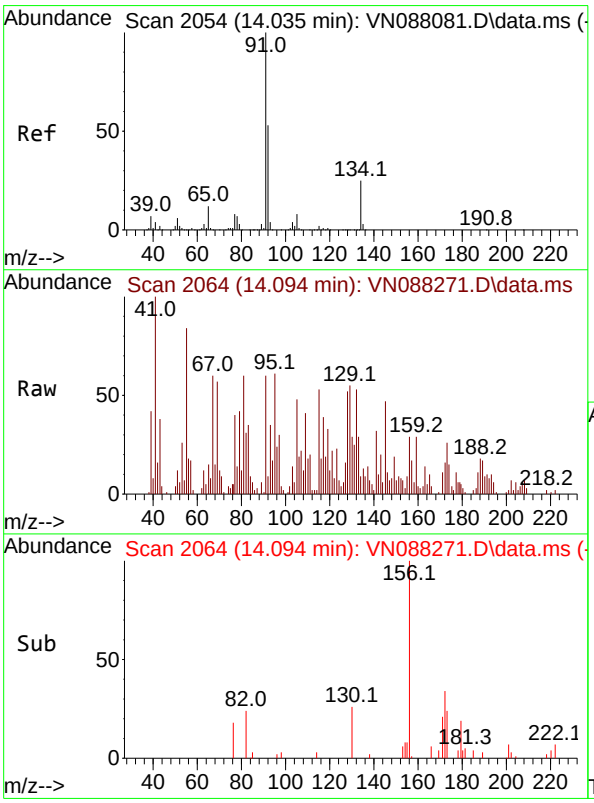
#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.759 min Scan# 2
Delta R.T. -0.029 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 2102

Ion	Ratio	Lower	Upper
146	100		
111	372.6	21.0	63.0#
148	699.8	32.0	96.0#

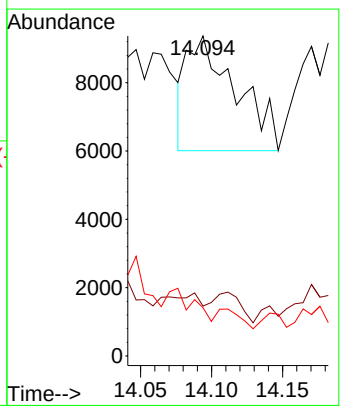


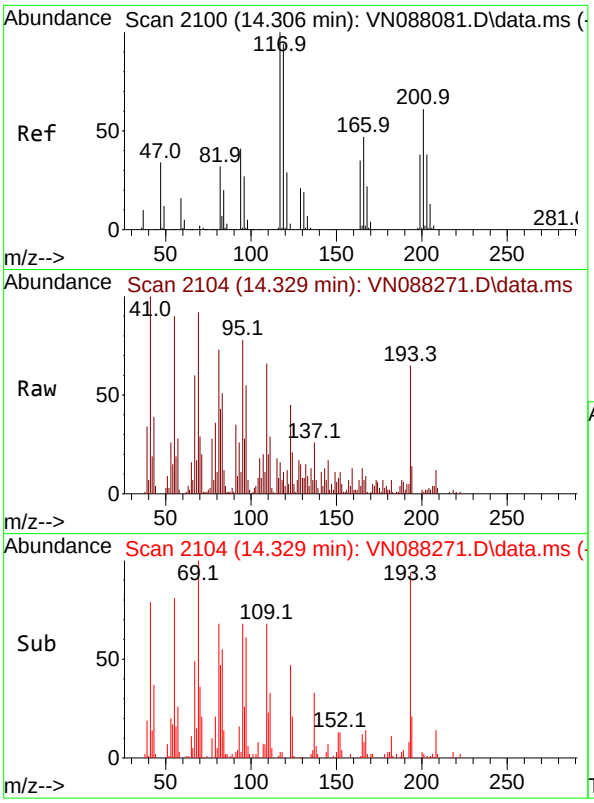


#89
n-Butylbenzene
Concen: 0.546 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. 0.065 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 91 Resp: 8149

Ion	Ratio	Lower	Upper
91	100		
92	6.0	25.9	77.8#
134	0.0	11.7	35.0#



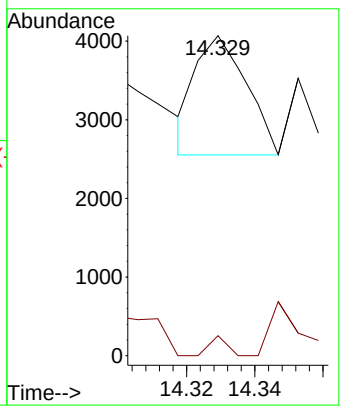


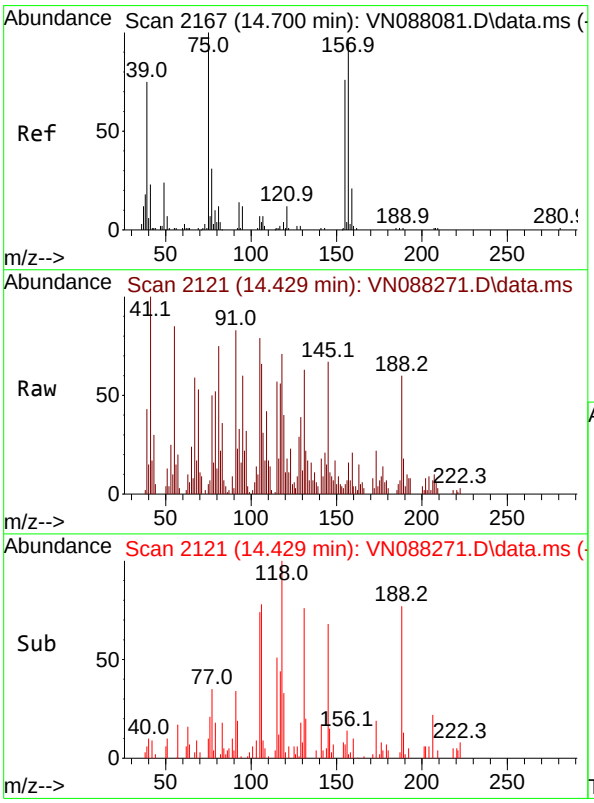
#90
Hexachloroethane
Concen: 0.540 ug/l
RT: 14.329 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 1575

Ion	Ratio	Lower	Upper
117	100		
201	31.9	29.1	87.4

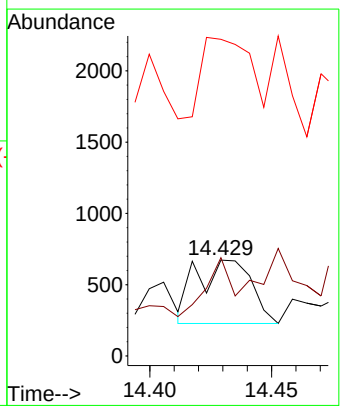


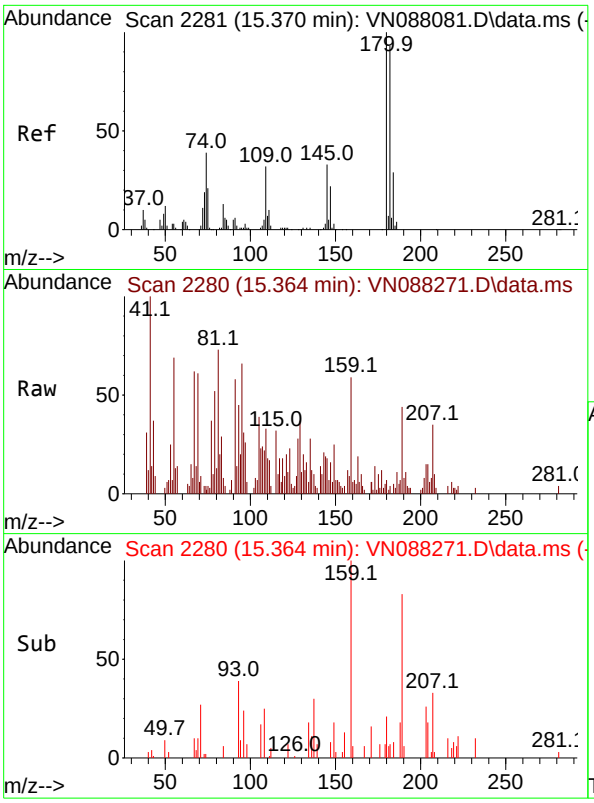


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.555 ug/l
RT: 14.429 min Scan# 2121
Delta R.T. -0.271 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion: 75 Resp: 693

Ion	Ratio	Lower	Upper
75	100		
155	43.0	36.6	109.9
157	112.3	45.6	136.9



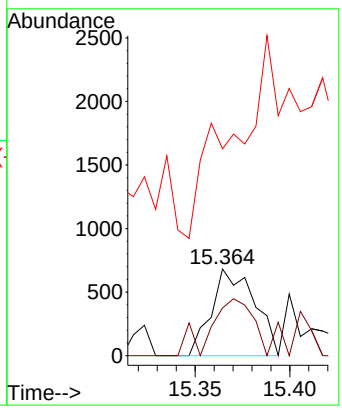


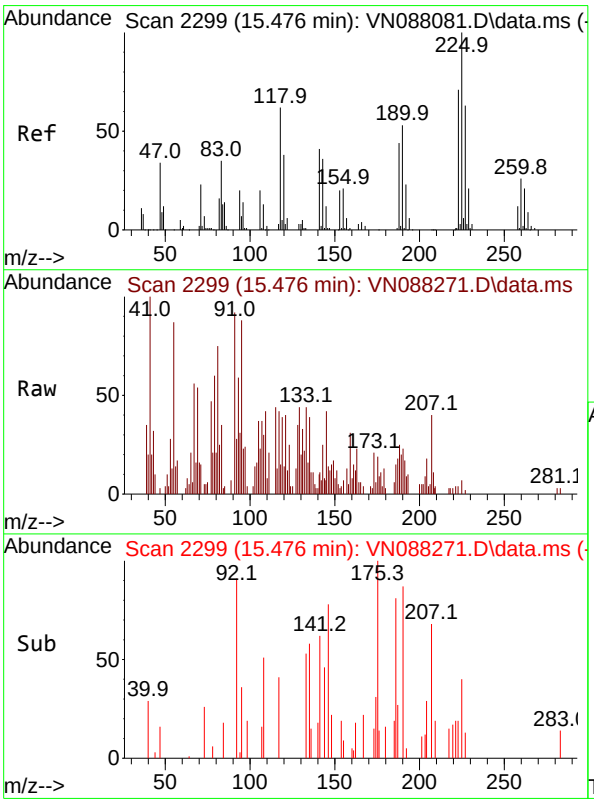
#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 15.364 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 1082

Ion	Ratio	Lower	Upper
180	100		
182	64.6	47.6	142.9
145	72.6	16.5	49.5#





#94
Hexachlorobutadiene
Concen: 0.375 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088271.D
Acq: 12 Nov 2025 13:13

Tgt Ion:225 Resp: 605

Ion	Ratio	Lower	Upper
225	100		
223	51.4	32.0	96.2
227	19.7	32.1	96.5#