Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 26 01:36:41 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	8.212	168	184233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	415914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	391372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	178080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	197226	52.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.500%			
35) Dibromofluoromethane	8.153	113	144402	48.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	10.547	98	549493	48.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	12.829	95	187900	47.010	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.020%			
Target Compounds						Qvalue
3) Chloromethane	2.383	50	795	0.296	ug/l #	42
10) Methyl Iodide	4.589	142	74	6.844	ug/l #	38
13) Acrolein	4.165	56	311	0.386	ug/l #	1
16) Acetone	4.418	43	18537	9.021	ug/l #	77
17) Carbon Disulfide	4.718	76	3270	0.447	ug/l #	74
18) Methyl Acetate	5.253	43	23320	5.420	ug/l #	54
20) Methylene Chloride	5.265	84	940	Below Cal	#	42
25) 2-Butanone	7.483	43	11382	4.210	ug/l	98
31) Cyclohexane	8.218	56	8105	1.707	ug/l #	52
36) 1,1-Dichloropropene	8.206	75	18370	3.988	ug/l #	52
37) Ethyl Acetate	7.483	43	11382	1.808	ug/l #	72
38) Carbon Tetrachloride	8.212	117	21440	4.714	ug/l #	14
39) Methylcyclohexane	9.547	83	11715	2.310	ug/l #	1
40) Benzene	8.588	78	8769	0.621	ug/l #	86
43) Isopropyl Acetate	8.688	43	14483	1.474	ug/l #	58
47) Bromodichloromethane	9.847	83	1271	0.234	ug/l #	23
48) Methyl methacrylate	9.694	41	2883	0.620	ug/l #	45
51) 4-Methyl-2-Pentanone	10.435	43	2594	0.437	ug/l	96
52) Toluene	10.612	92	5452	0.622	ug/l	84
55) 1,1,2-Trichloroethane	10.982	97	18152	5.357	ug/l #	21
56) Ethyl methacrylate	10.841	69	2708	0.500	ug/l #	51
67) Ethyl Benzene	11.941	91	4418	0.262	ug/l	92
68) m/p-Xylenes	12.059	106	2096	0.339	ug/l #	59
73) Isopropylbenzene	12.676	105	24619	1.711	ug/l	100
76) 1,2,3-Trichloropropane	12.829	75	110615	26.488	ug/l #	1
78) n-propylbenzene	13.017	91	46142	2.603	ug/l	96
79) 2-Chlorotoluene	13.017	91	46142	4.326	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.829	75	110615	70.124	ug/l #	1
82) 4-Chlorotoluene	13.017	91	46142	4.114	ug/l #	43
85) sec-Butylbenzene	13.594	105	10621	0.704	ug/l #	26
89) n-Butylbenzene	14.041	91	4064	0.328	ug/l	95
90) Hexachloroethane	14.376	117	2676	1.127	ug/l #	22
95) Naphthalene	15.611	128	4458	0.331	ug/l #	94

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

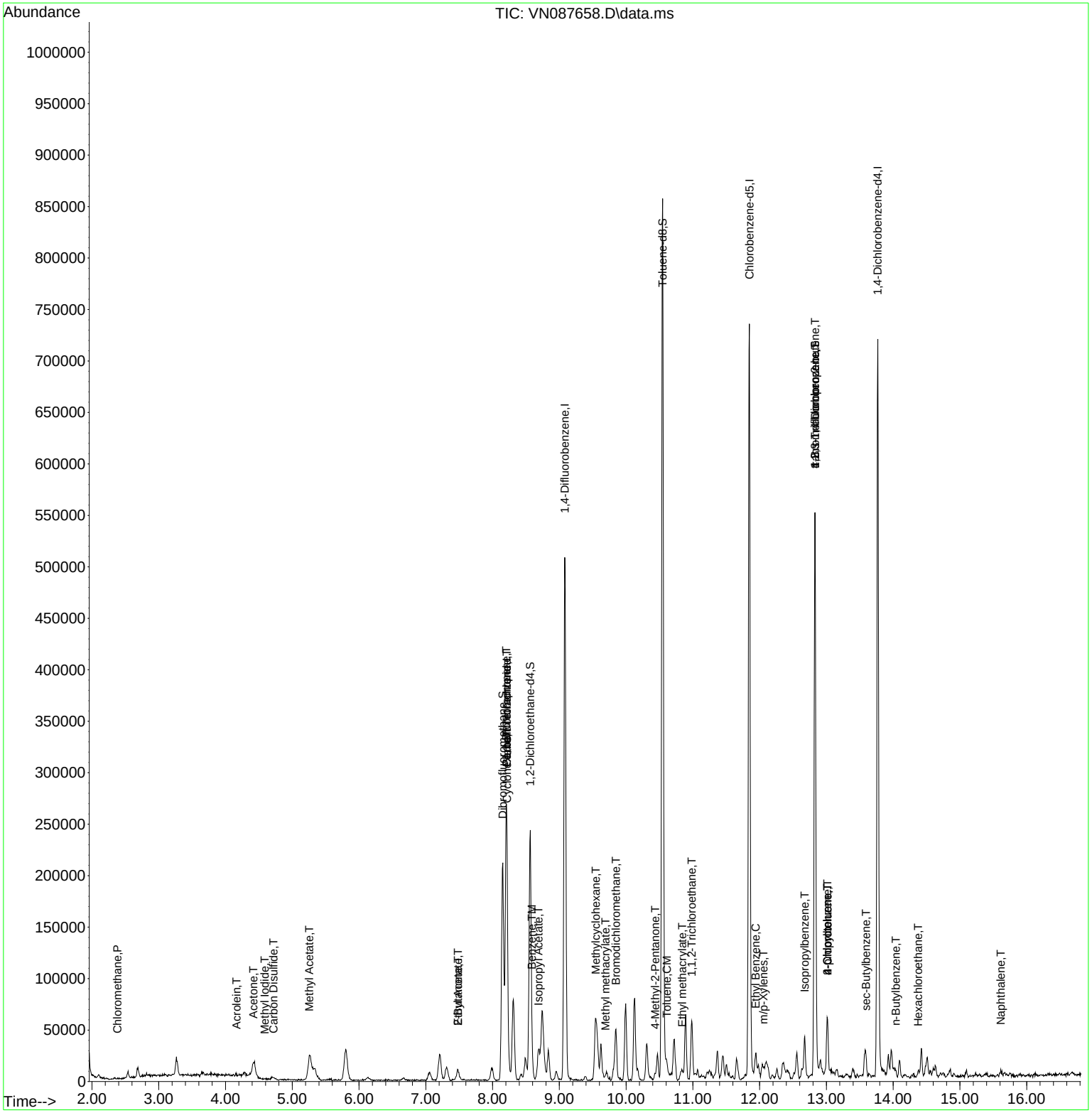
Instrument :
MSVOA_N
ClientSampleId :

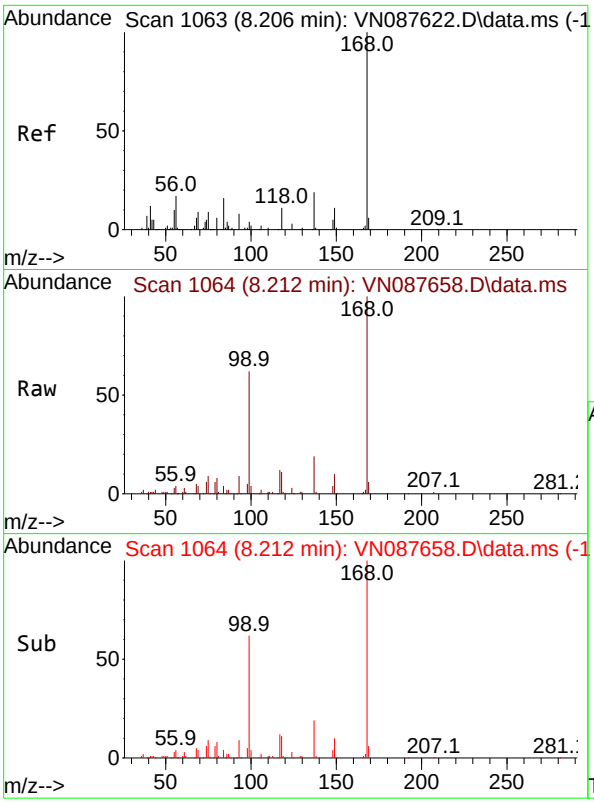
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087658.D
Acq On : 25 Aug 2025 15:22
Operator : JC\MD
Sample : Q2920-01RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Aug 26 01:36:41 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



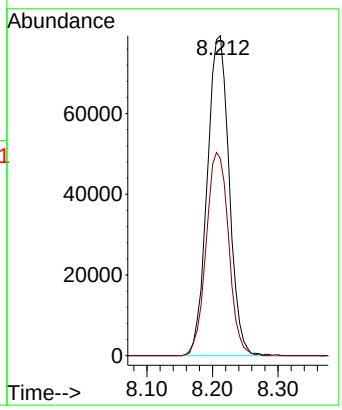


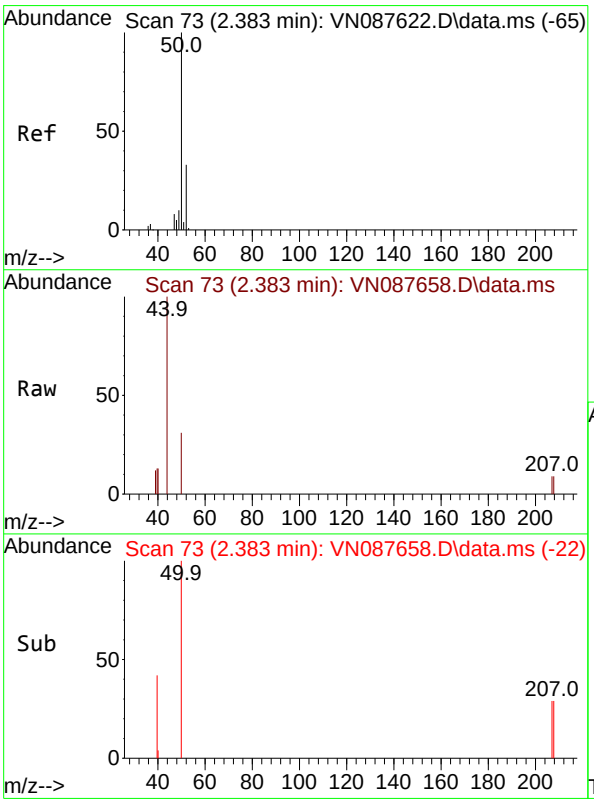
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 184233

Ion	Ratio	Lower	Upper
168	100		
99	61.7	57.2	85.8

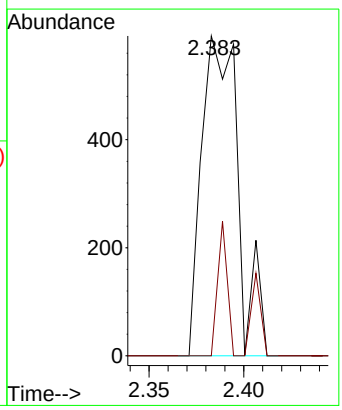


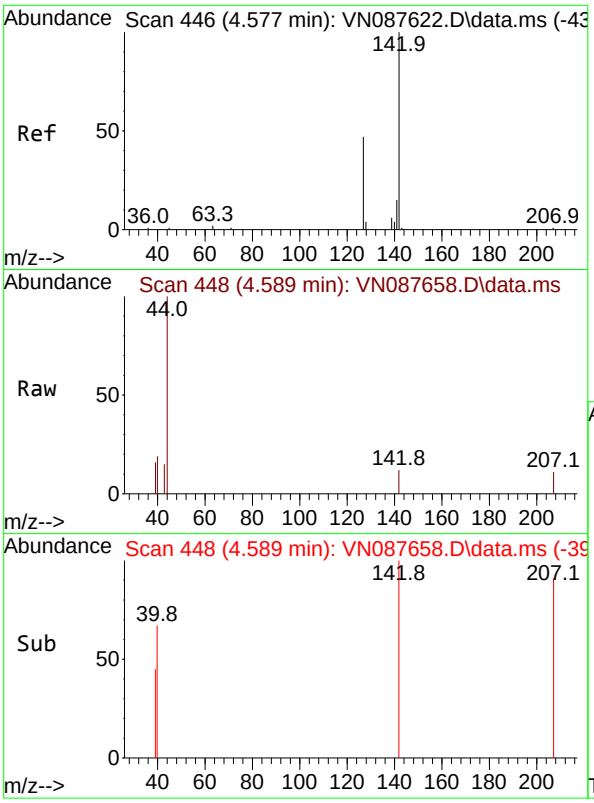


#3
Chloromethane
Concen: 0.296 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 50 Resp: 795

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.4#



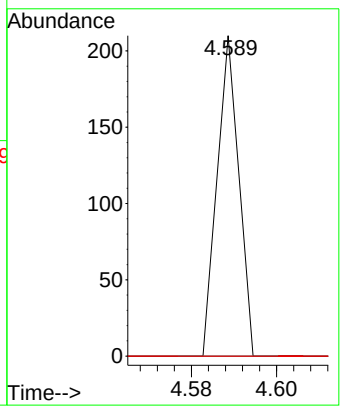


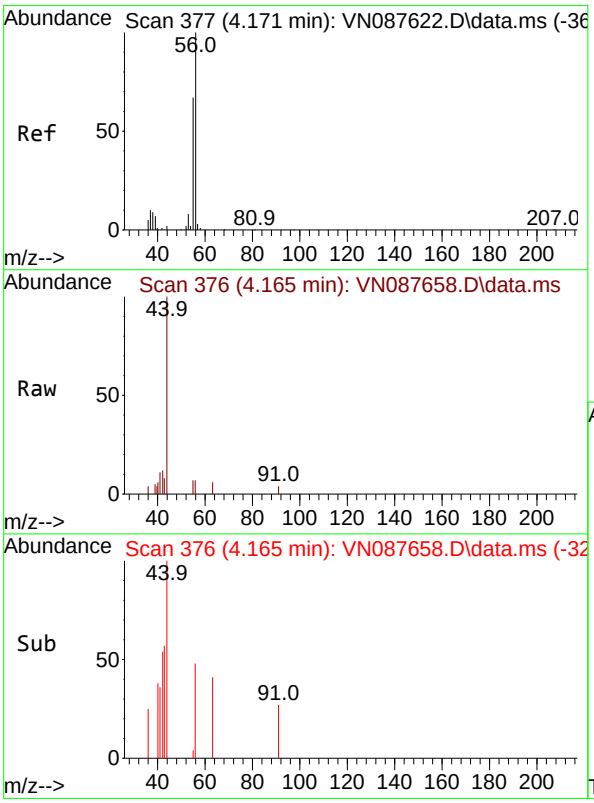
#10
Methyl Iodide
Concen: 6.844 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 74

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

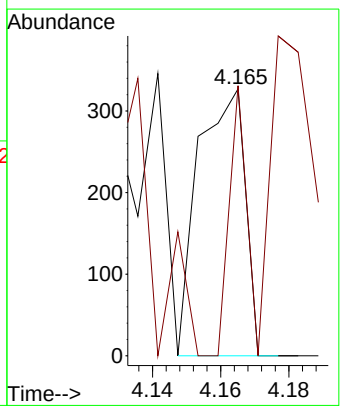


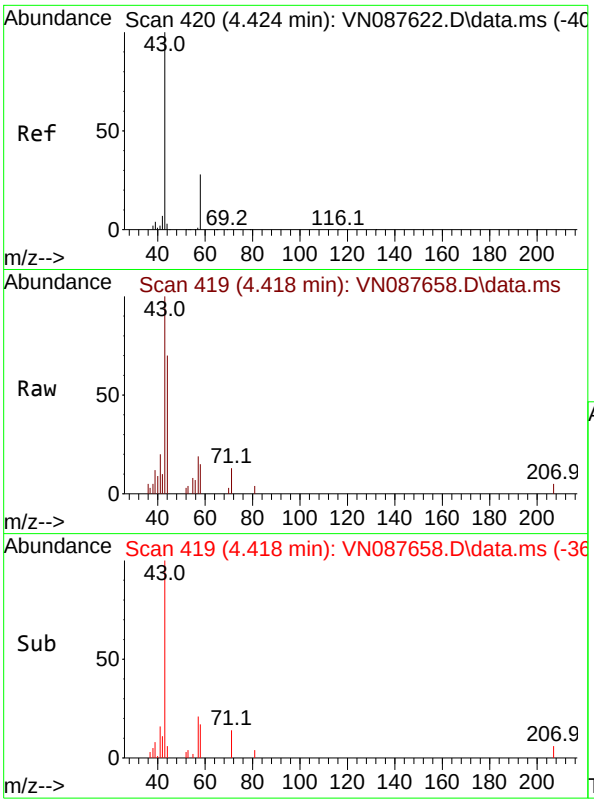


#13
Acrolein
Concen: 0.386 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 56 Resp: 311

Ion	Ratio	Lower	Upper
56	100		
55	163.7	57.3	85.9#



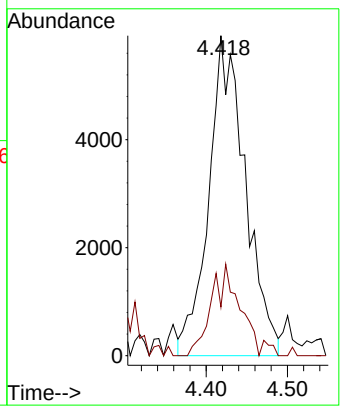


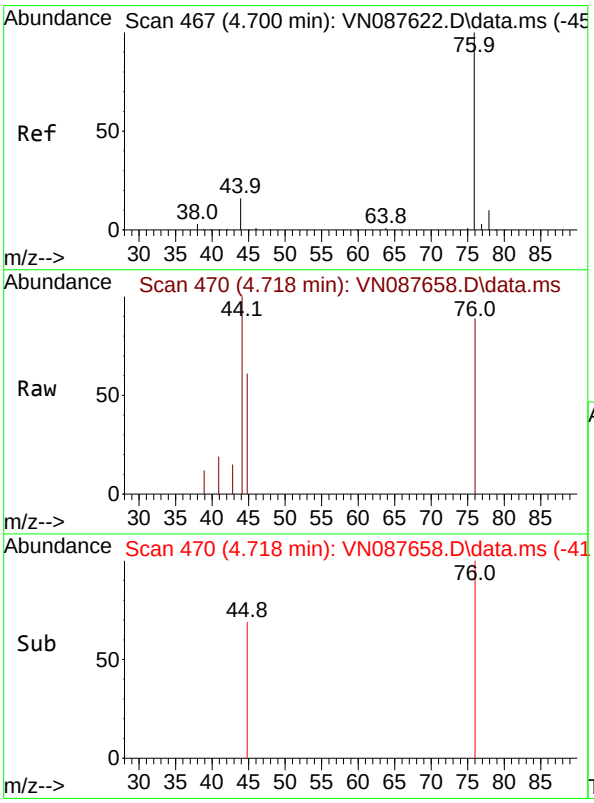
#16
Acetone
Concen: 9.021 ug/l
RT: 4.418 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 18537

Ion	Ratio	Lower	Upper
43	100		
58	16.0	22.6	33.8#

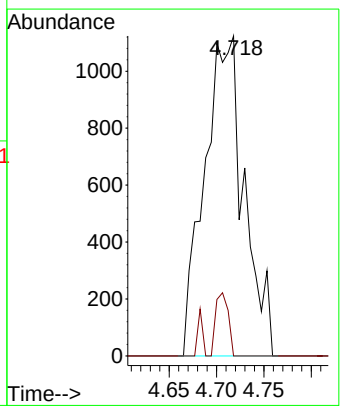


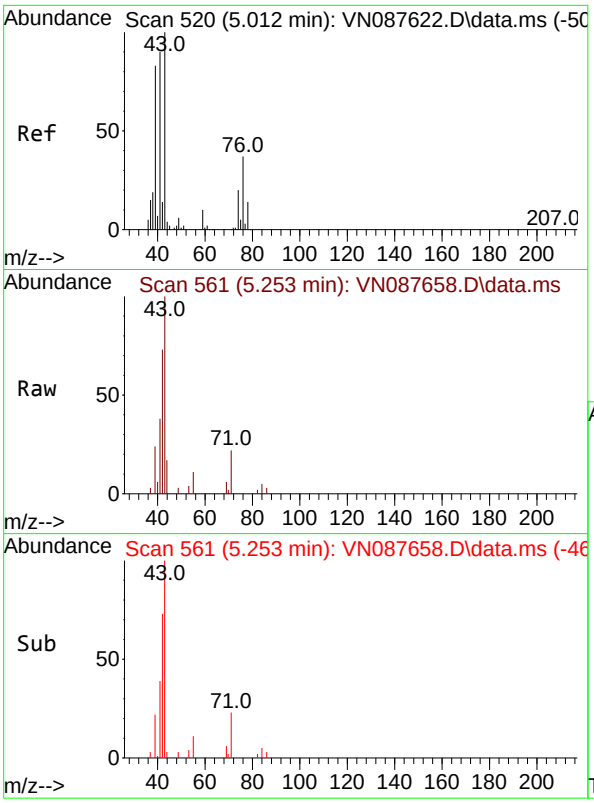


#17
Carbon Disulfide
Concen: 0.447 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.018 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 76 Resp: 3270

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



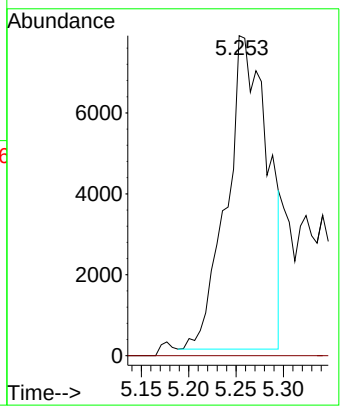


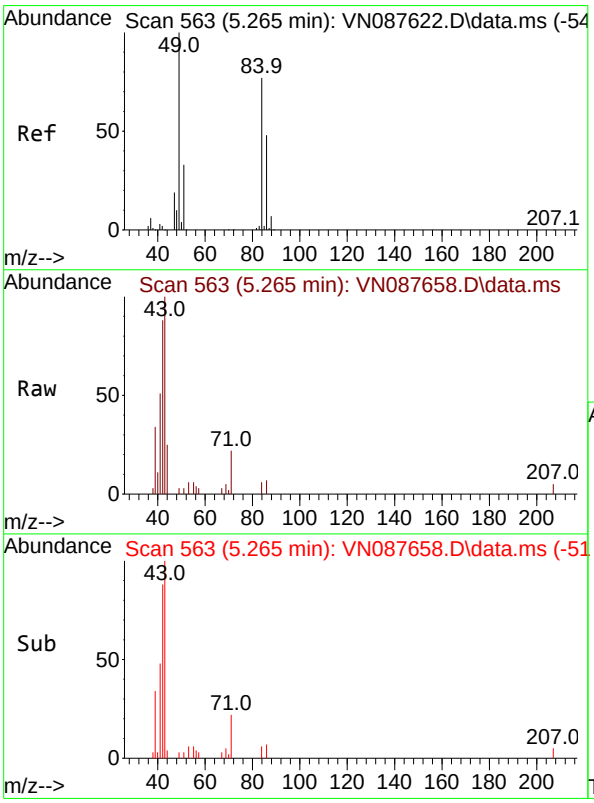
#18
Methyl Acetate
Concen: 5.420 ug/l
RT: 5.253 min Scan# 5
Delta R.T. 0.241 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 23320

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.6	26.4#

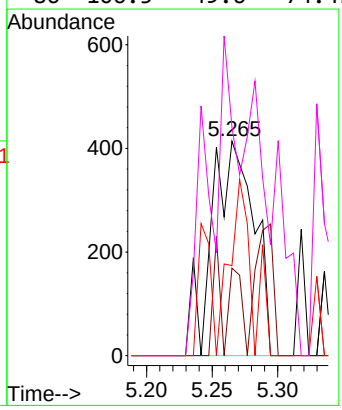


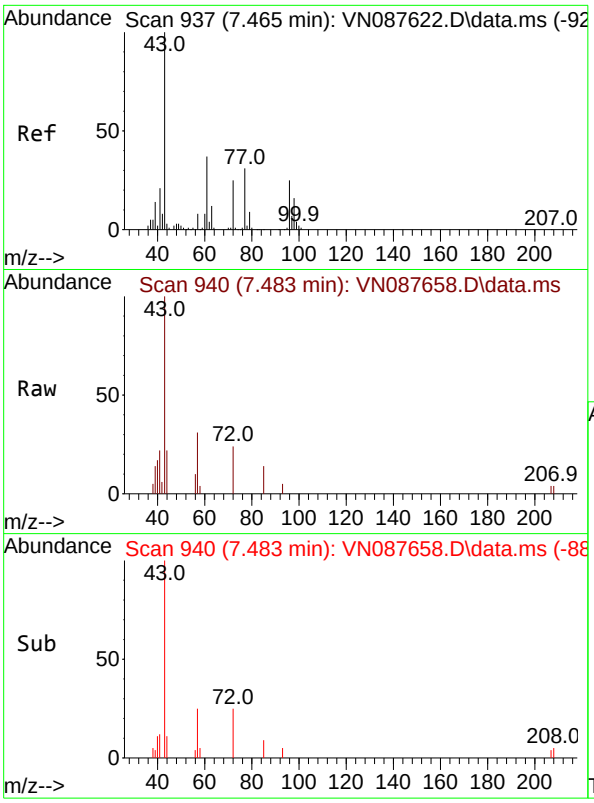


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 84 Resp: 940

Ion	Ratio	Lower	Upper
84	100		
49	40.8	103.4	155.2#
51	42.0	33.8	50.8
86	106.5	49.6	74.4#



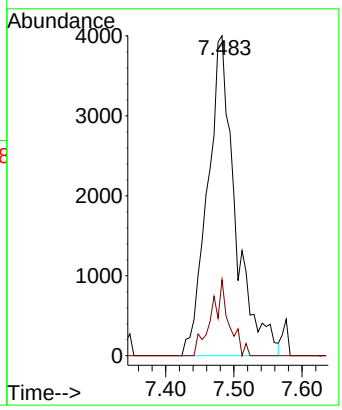


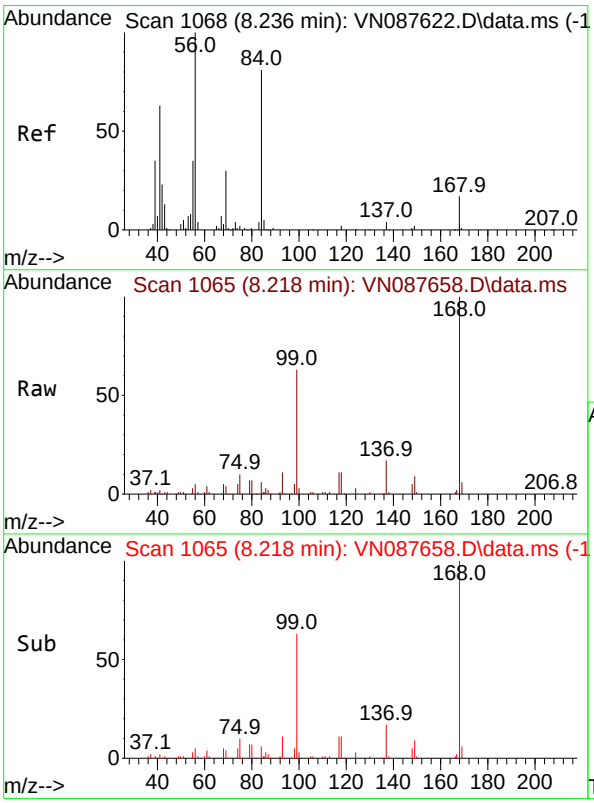
#25
2-Butanone
Concen: 4.210 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.017 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11382

Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.9	29.9

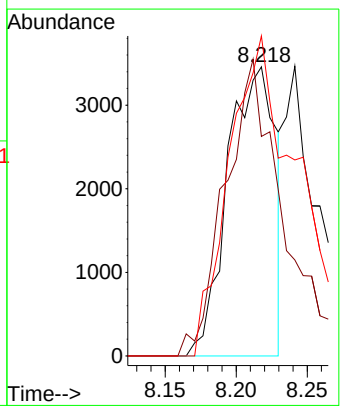


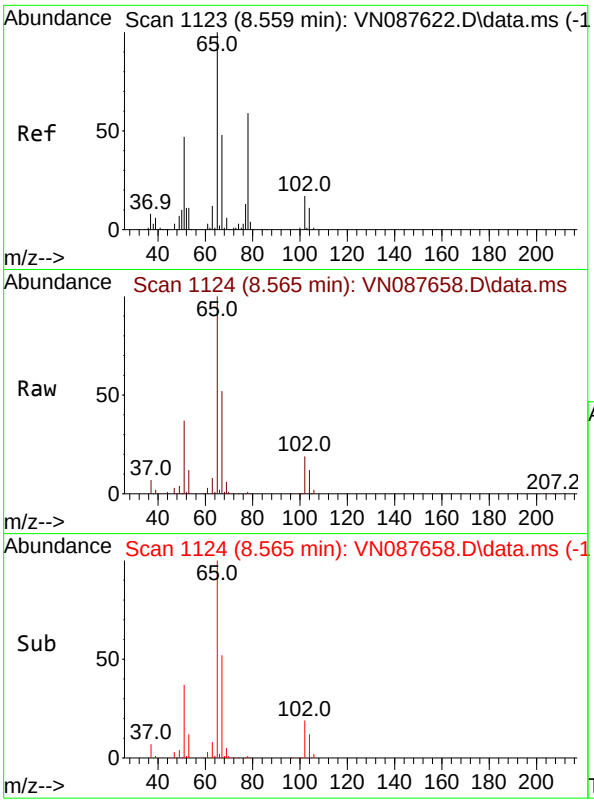


#31
Cyclohexane
Concen: 1.707 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.018 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 56 Resp: 8105

Ion	Ratio	Lower	Upper
56	100		
69	75.9	23.7	35.5#
84	110.7	64.7	97.1#



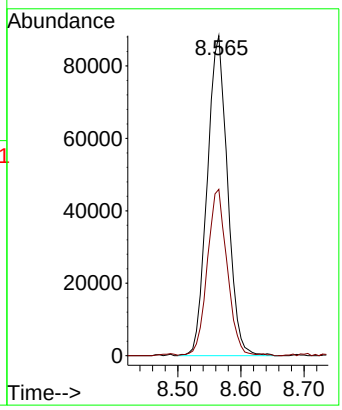


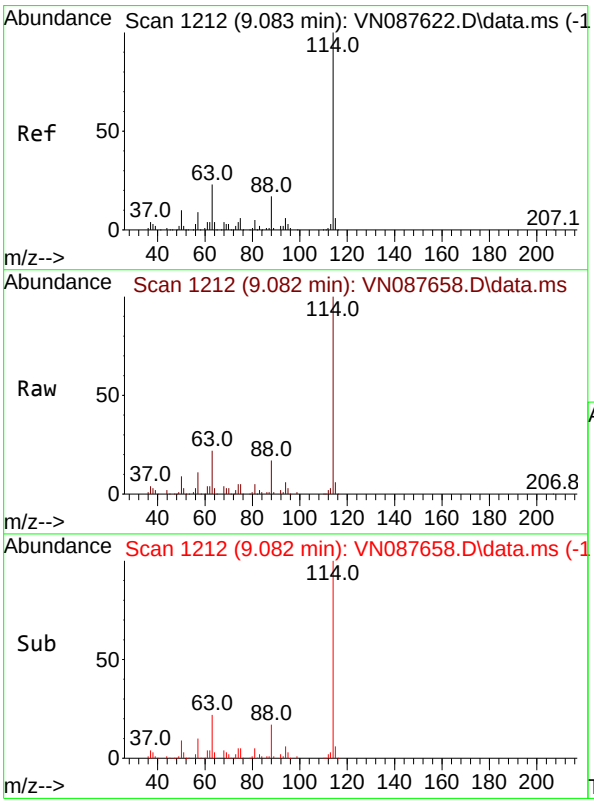
#33
1,2-Dichloroethane-d4
Concen: 52.249 ug/l
RT: 8.565 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 197226

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	100.0

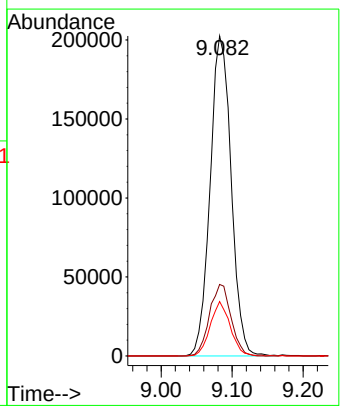


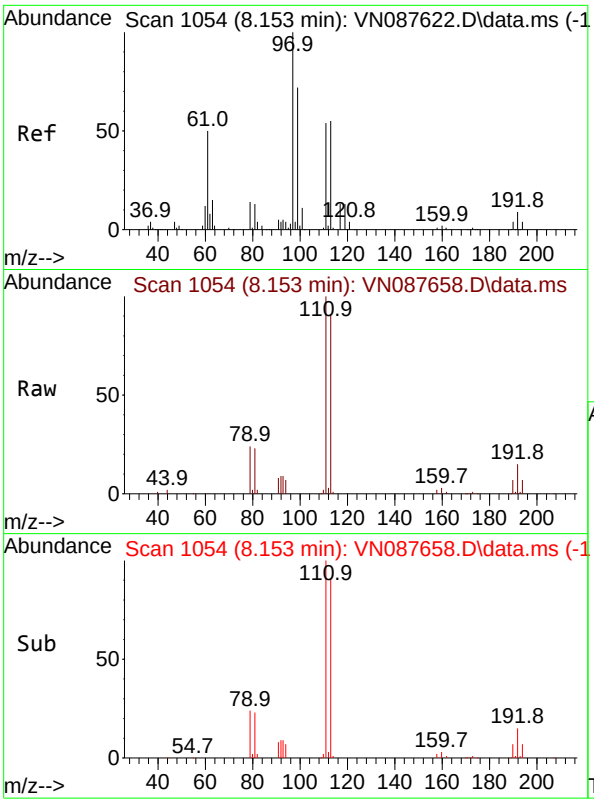


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:114 Resp: 415914

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	17.0	0.0	33.4



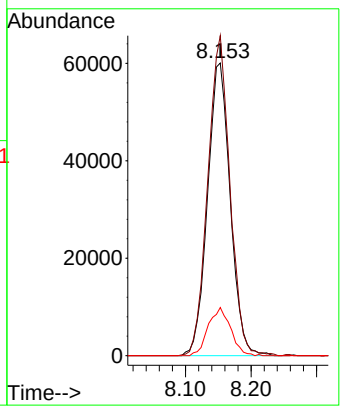


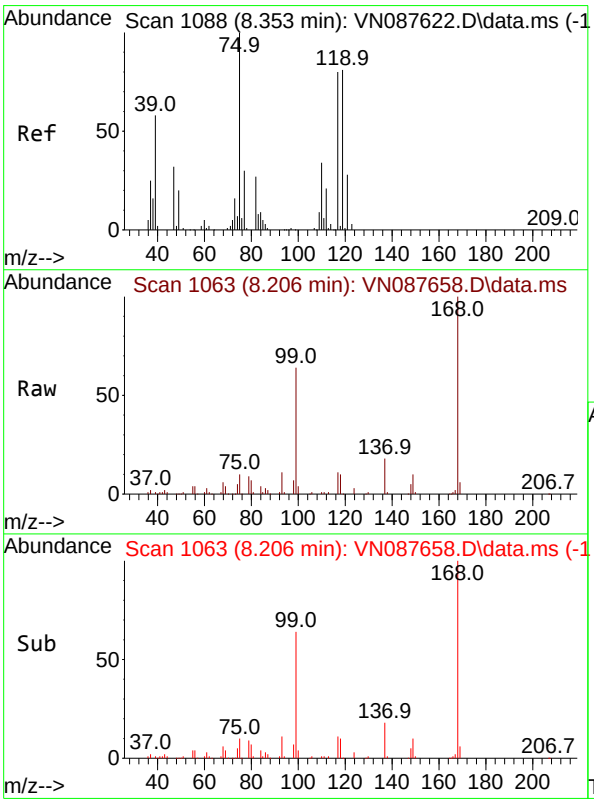
#35
Dibromofluoromethane
Concen: 48.088 ug/l
RT: 8.153 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 144402

Ion	Ratio	Lower	Upper
113	100		
111	106.6	82.8	124.2
192	16.3	12.8	19.2

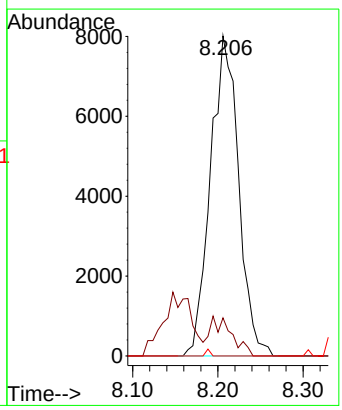


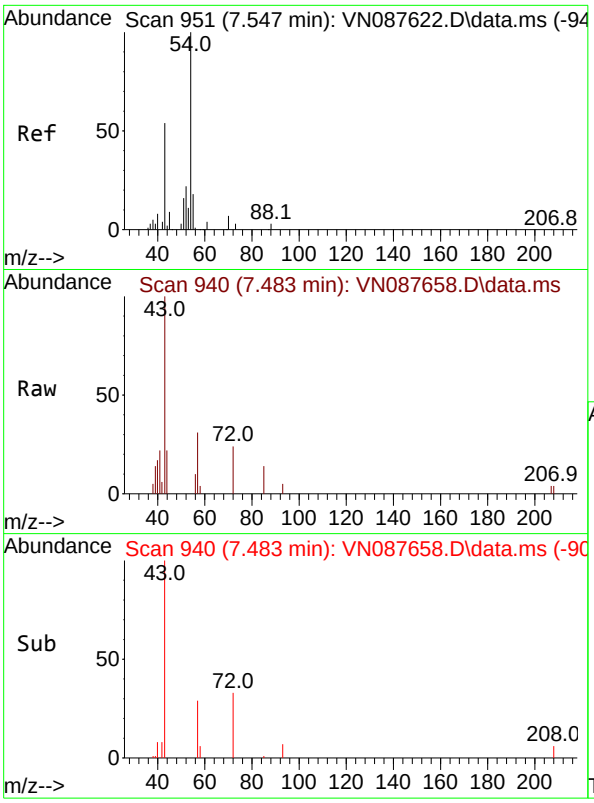


#36
1,1-Dichloropropene
Concen: 3.988 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 75 Resp: 18370

Ion	Ratio	Lower	Upper
75	100		
110	9.6	15.9	47.6#
77	0.0	24.4	36.6#



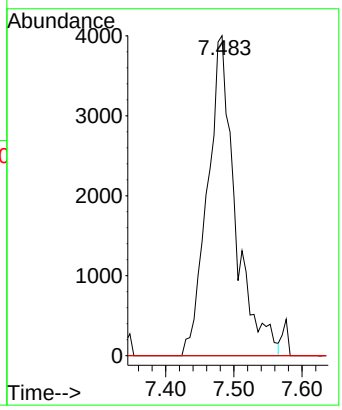


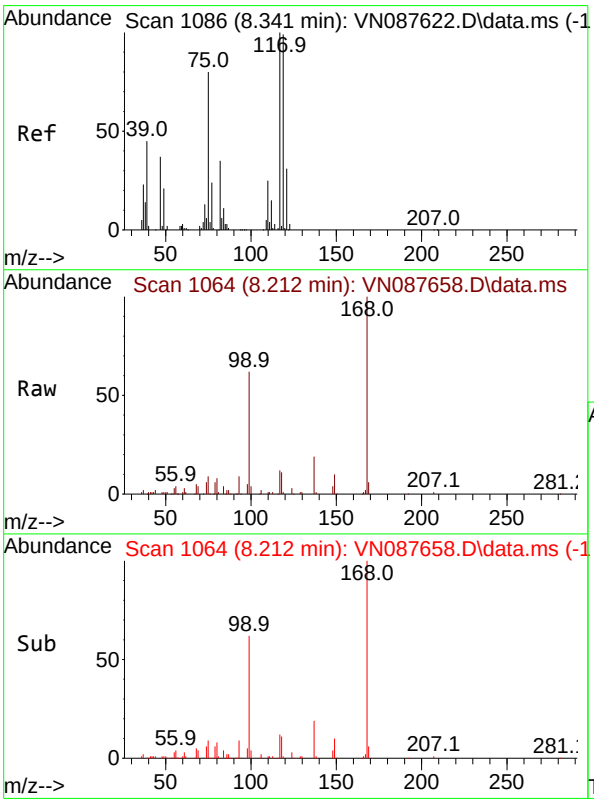
#37
Ethyl Acetate
Concen: 1.808 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11382

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

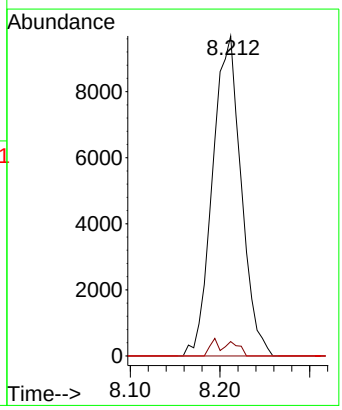


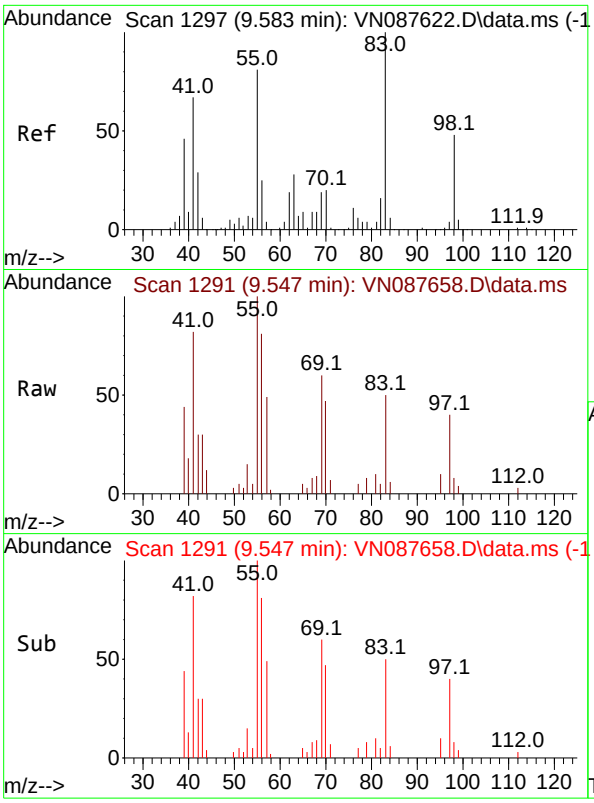


#38
Carbon Tetrachloride
Concen: 4.714 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.130 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:117 Resp: 21440

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.0	118.6#
121	0.0	25.0	37.6#



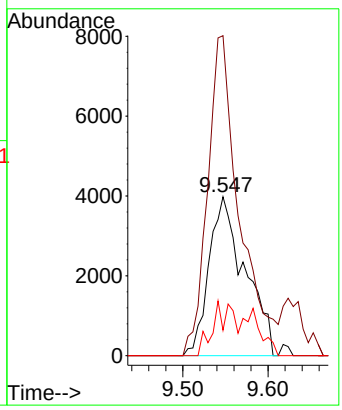


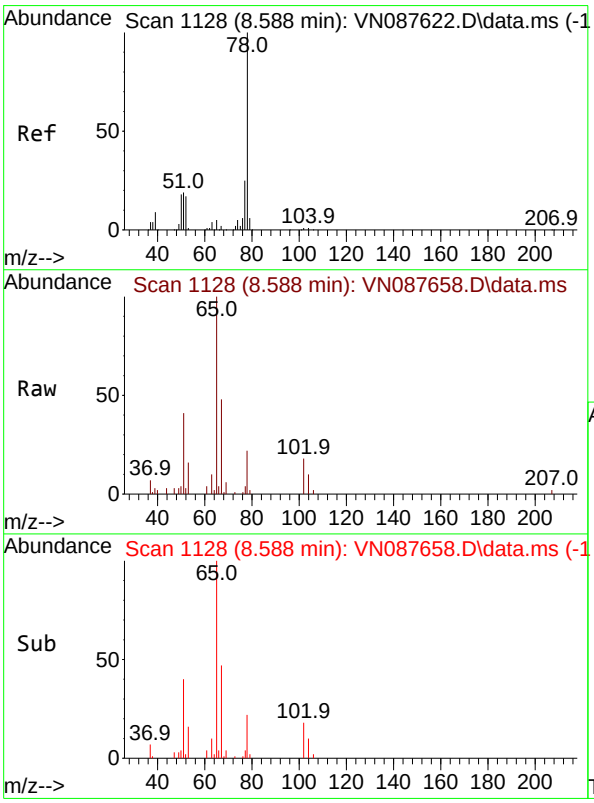
#39
Methylcyclohexane
Concen: 2.310 ug/l
RT: 9.547 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 11715

Ion	Ratio	Lower	Upper
83	100		
55	201.3	64.6	96.8#
98	16.0	38.4	57.6#

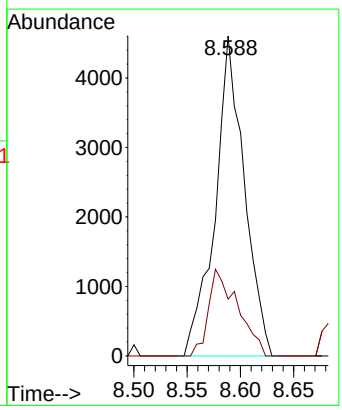


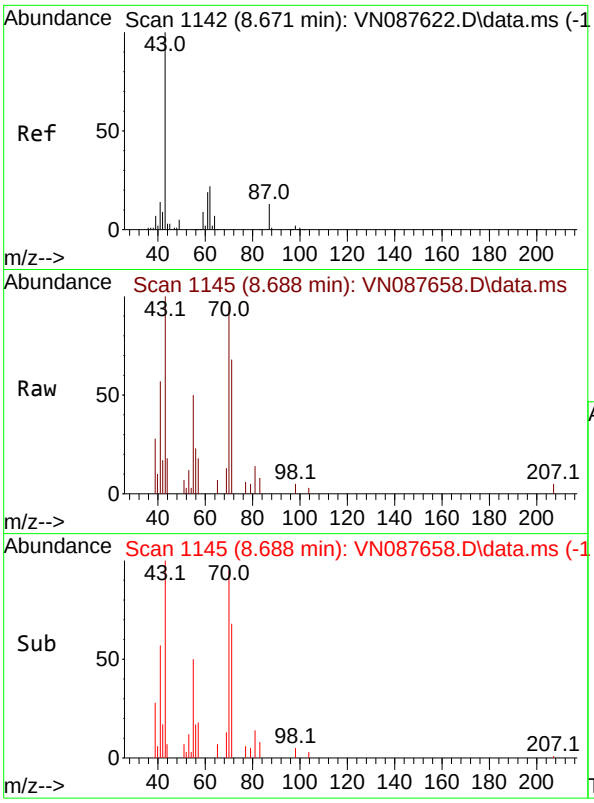


#40
Benzene
Concen: 0.621 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 78 Resp: 8769

Ion	Ratio	Lower	Upper
78	100		
77	17.8	19.7	29.5#



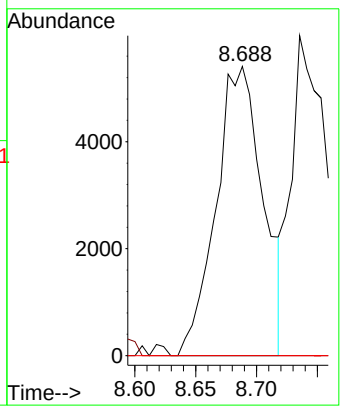


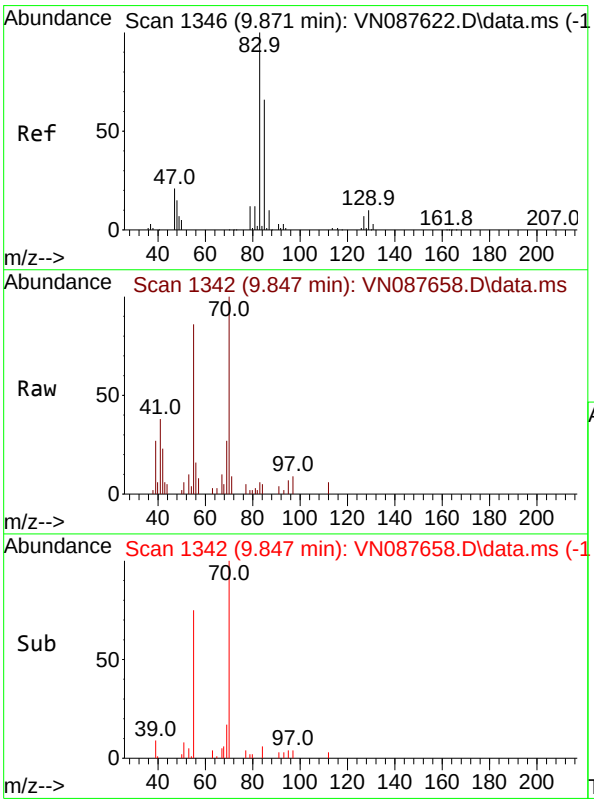
#43
Isopropyl Acetate
Concen: 1.474 ug/l
RT: 8.688 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 14483

Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.8	28.2#
87	0.0	9.6	14.4#

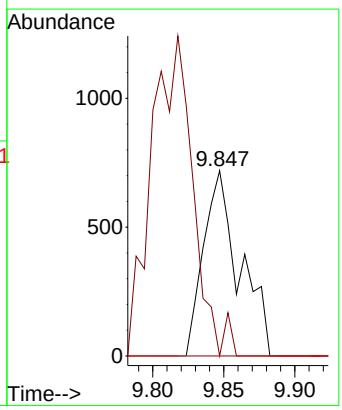


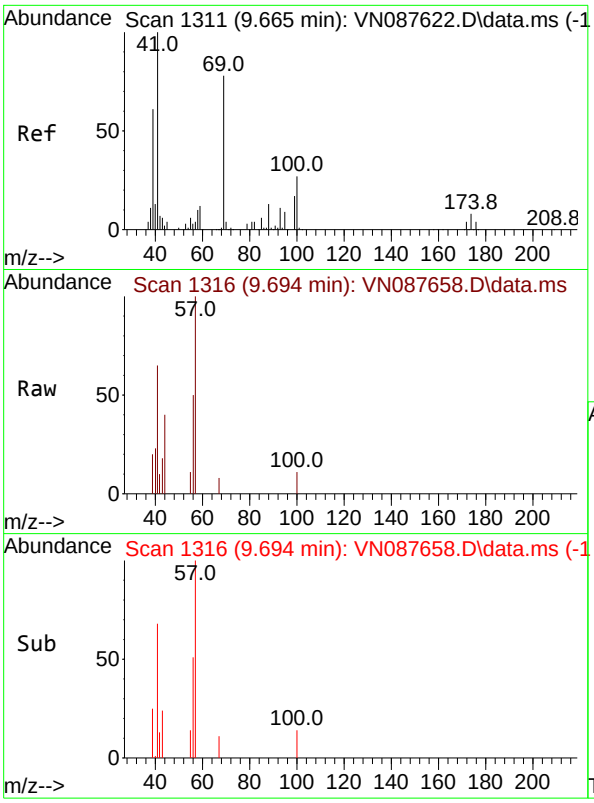


#47
Bromodichloromethane
Concen: 0.234 ug/l
RT: 9.847 min Scan# 1342
Delta R.T. -0.024 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 83 Resp: 1271

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.5	78.7#
127	0.0	5.8	8.6#



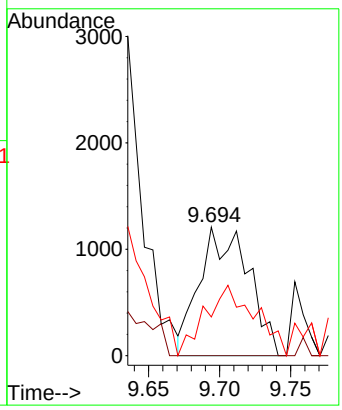


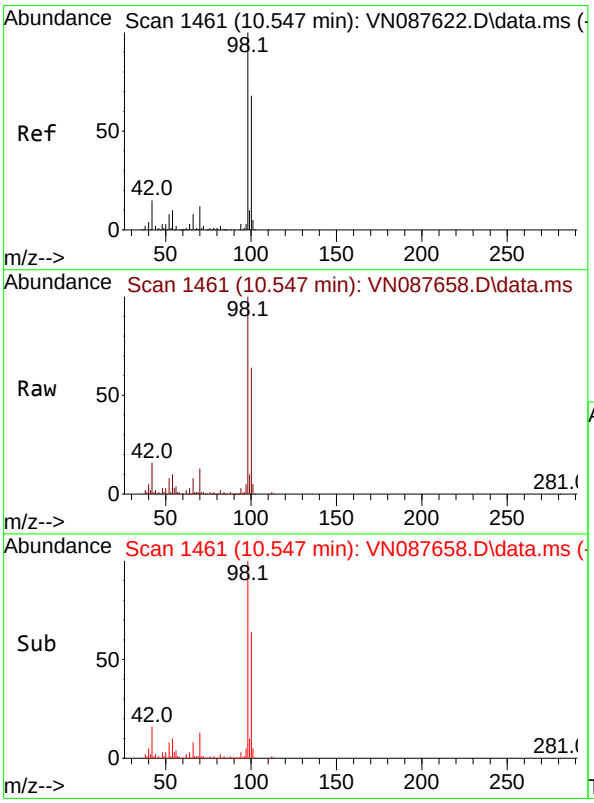
#48
Methyl methacrylate
Concen: 0.620 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.029 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 2883

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.7	94.1#
39	55.4	52.9	79.3

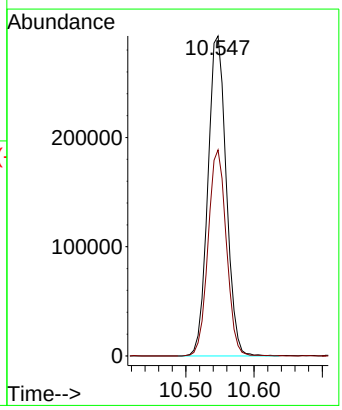


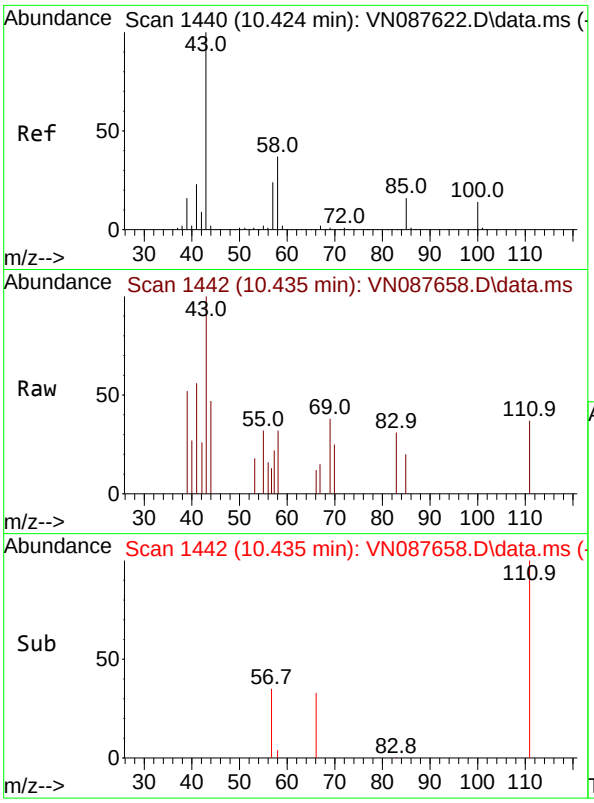


#50
Toluene-d8
Concen: 48.890 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 98 Resp: 549493

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.8	79.2



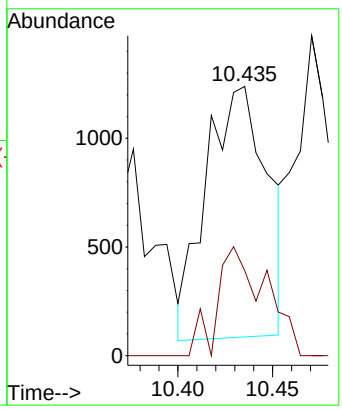


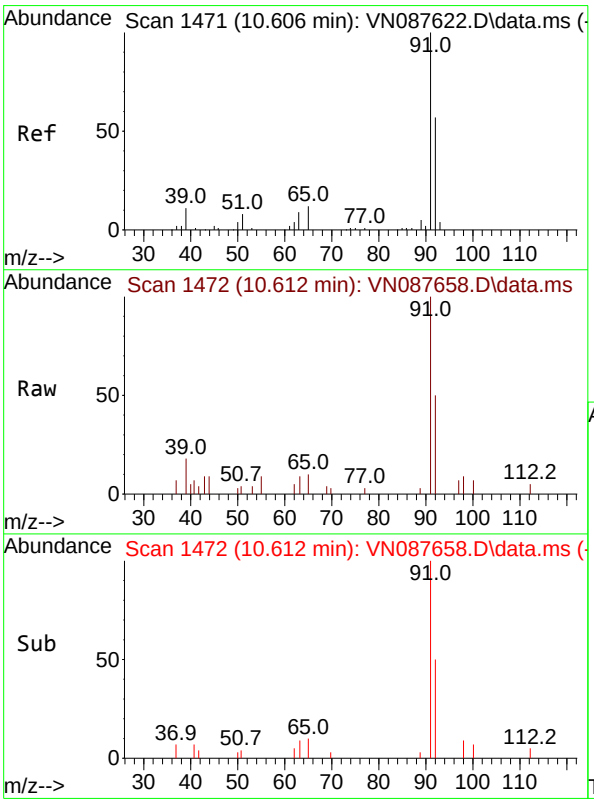
#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 10.435 min Scan# 14
Delta R.T. 0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2594

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.6	44.4

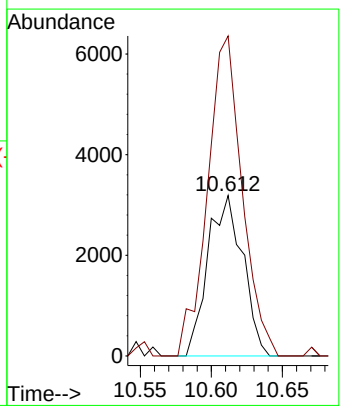


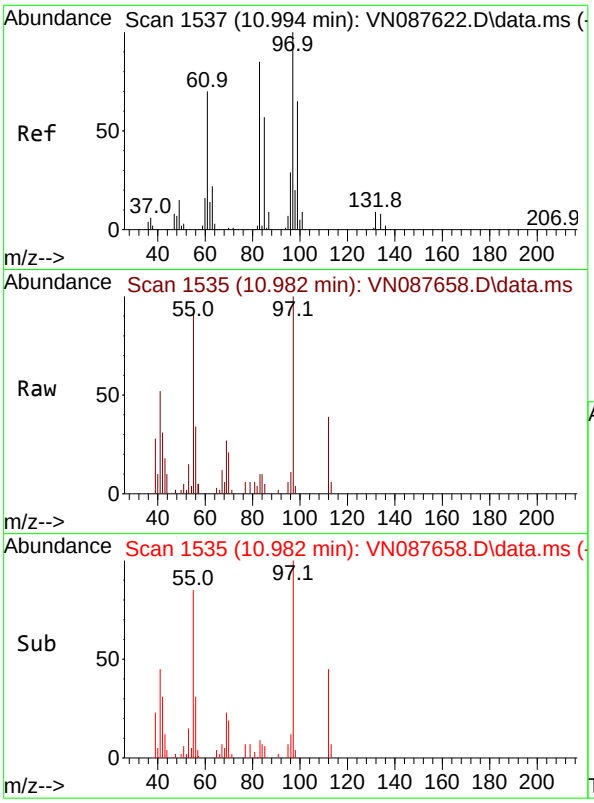


#52
Toluene
Concen: 0.622 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 92 Resp: 5452

Ion	Ratio	Lower	Upper
92	100		
91	197.8	140.4	210.6



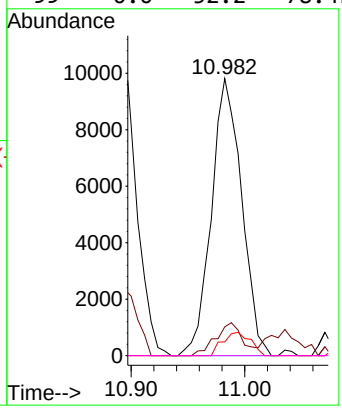


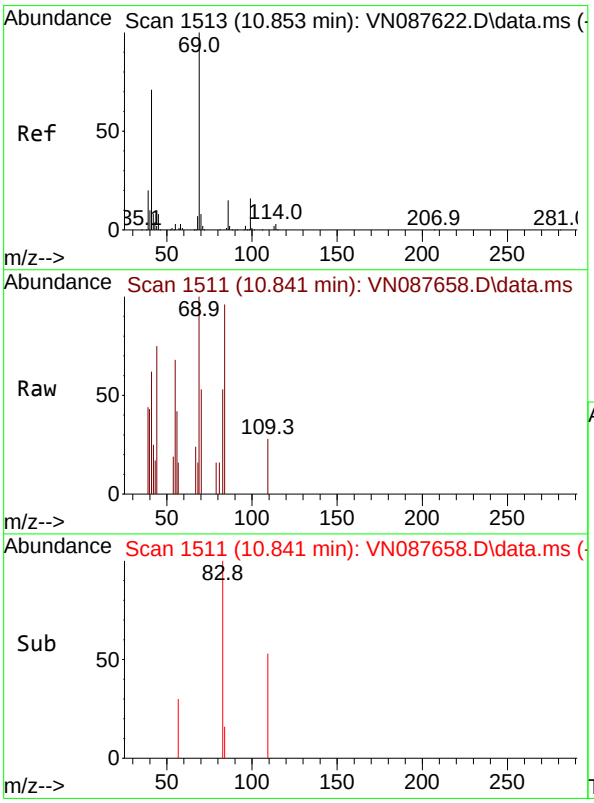
#55
1,1,2-Trichloroethane
Concen: 5.357 ug/l
RT: 10.982 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 18152

Ion	Ratio	Lower	Upper
97	100		
83	10.4	68.2	102.4#
85	5.0	45.5	68.3#
99	0.0	52.2	78.4#

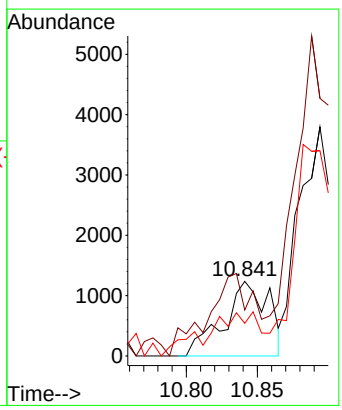


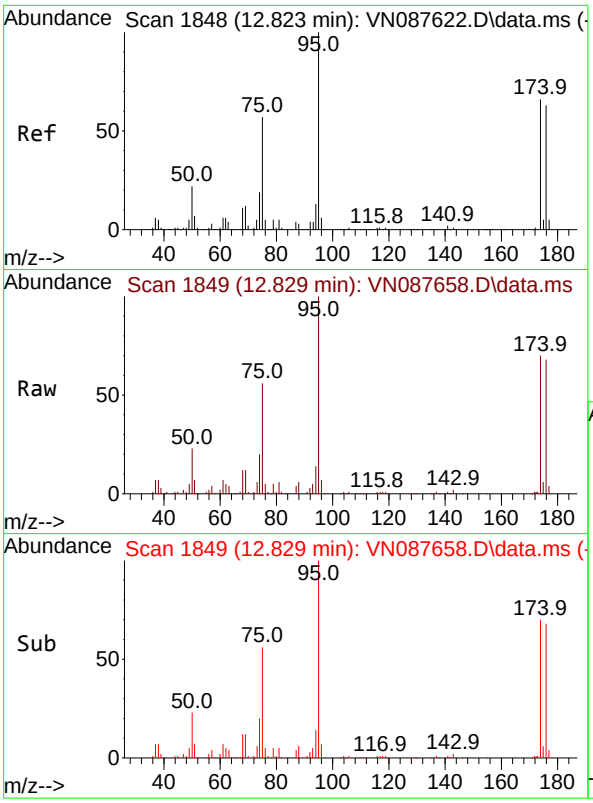


#56
Ethyl methacrylate
Concen: 0.500 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 69 Resp: 2708

Ion	Ratio	Lower	Upper
69	100		
41	111.8	56.5	84.7#
39	72.3	34.2	51.4#



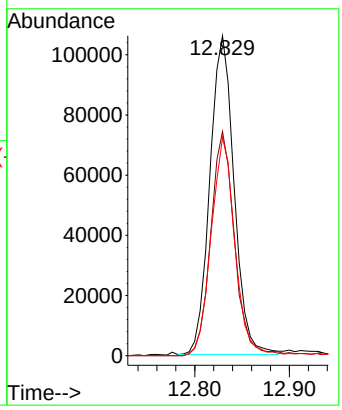


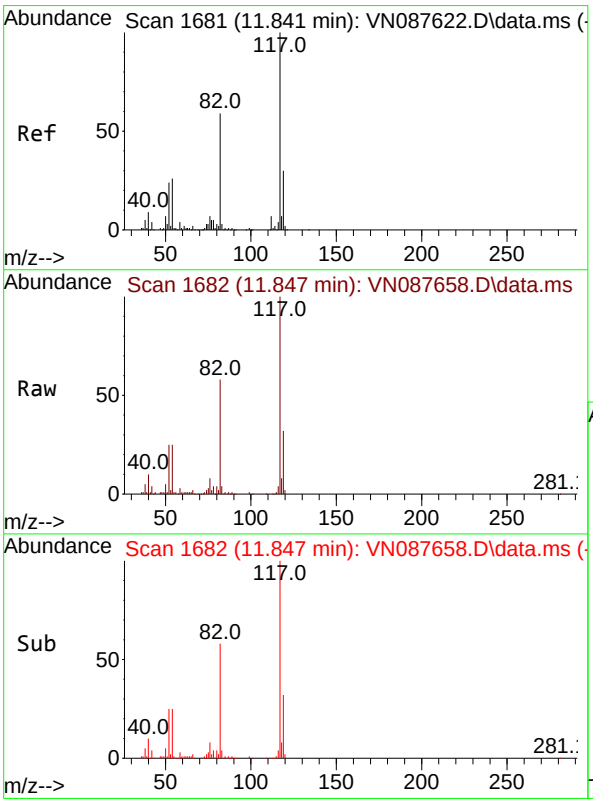
#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 187900

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	138.4
176	67.7	0.0	132.6

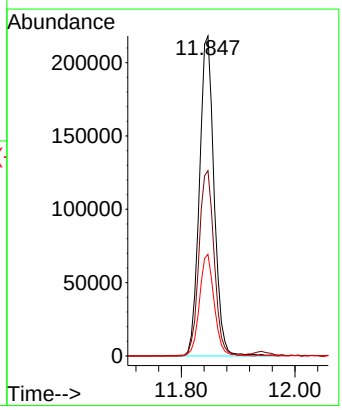


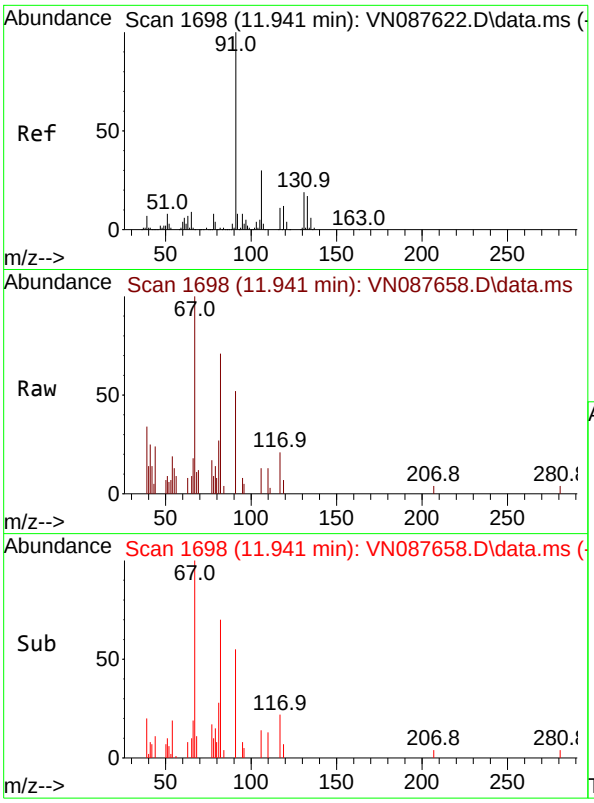


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:117 Resp: 391372

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	31.8	24.3	36.5



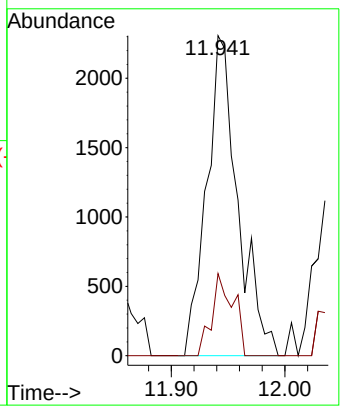


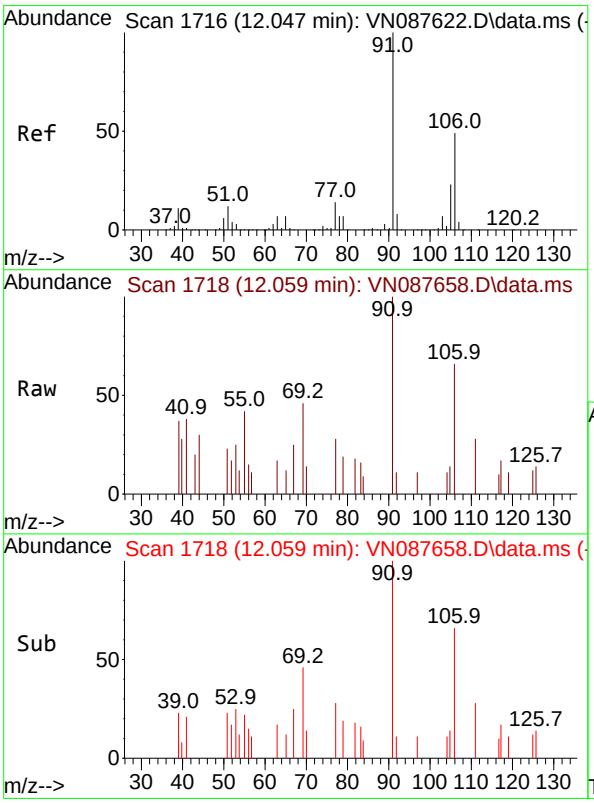
#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 11.941 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4418

Ion	Ratio	Lower	Upper
91	100		
106	25.7	24.1	36.1

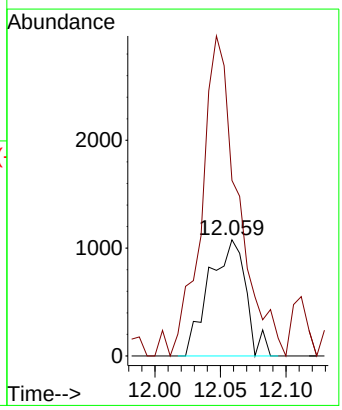


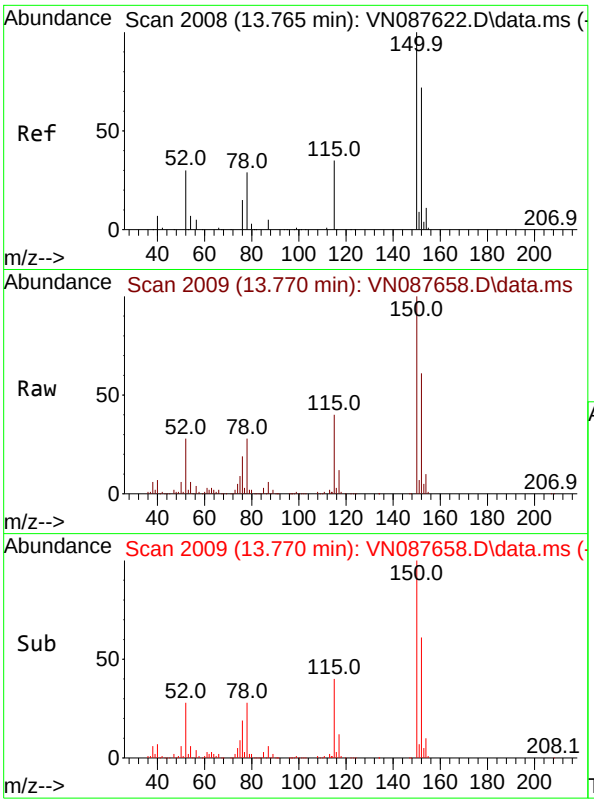


#68
m/p-Xylenes
Concen: 0.339 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. 0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:106 Resp: 2096

Ion	Ratio	Lower	Upper
106	100		
91	276.4	169.3	253.9#



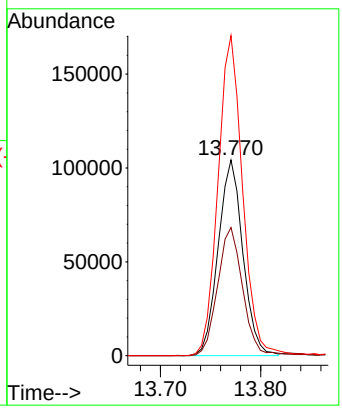


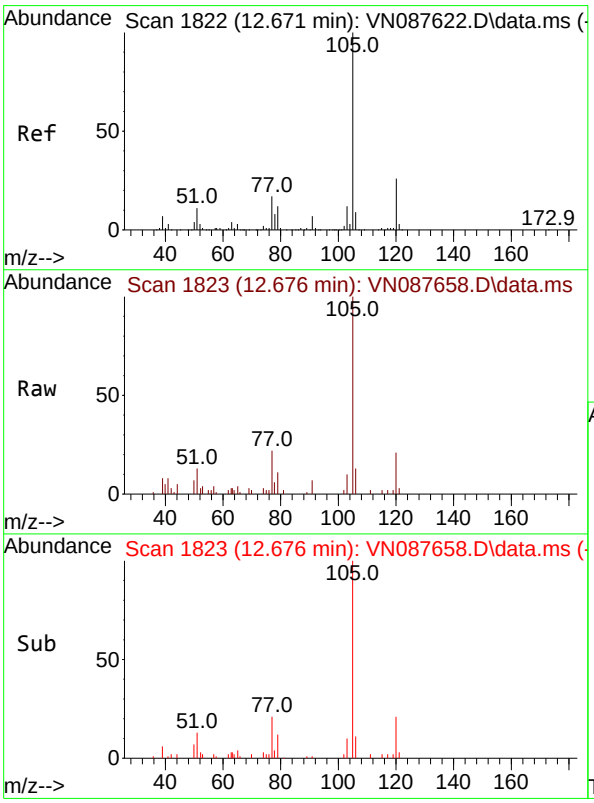
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 178080

Ion	Ratio	Lower	Upper
152	100		
115	66.8	32.3	96.8
150	163.8	0.0	351.0

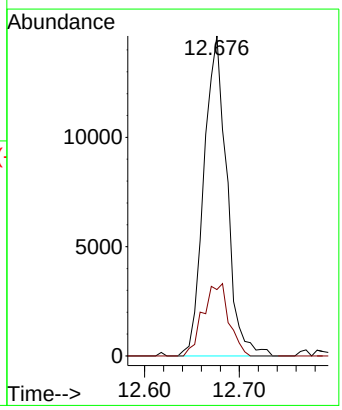


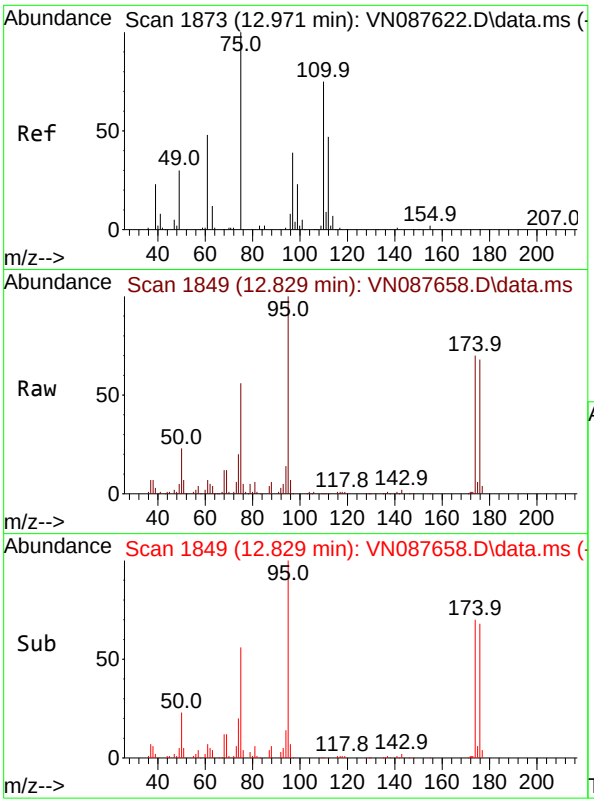


#73
Isopropylbenzene
Concen: 1.711 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:105 Resp: 24619

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.3



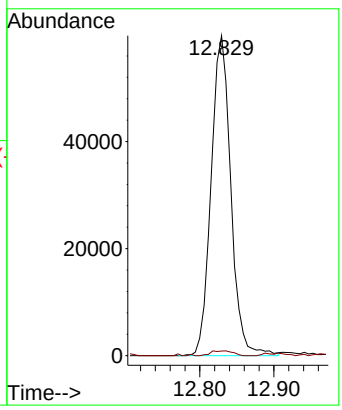


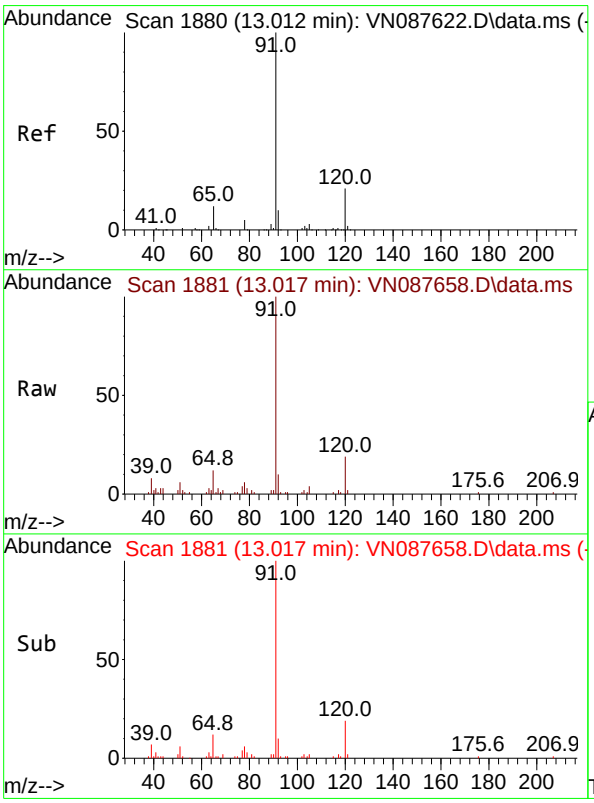
#76
1,2,3-Trichloropropane
Concen: 26.488 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 110615

Ion	Ratio	Lower	Upper
75	100		
77	1.7	89.1	267.4#

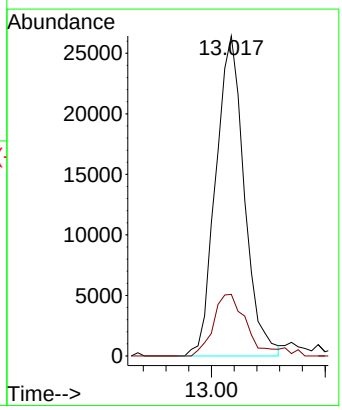


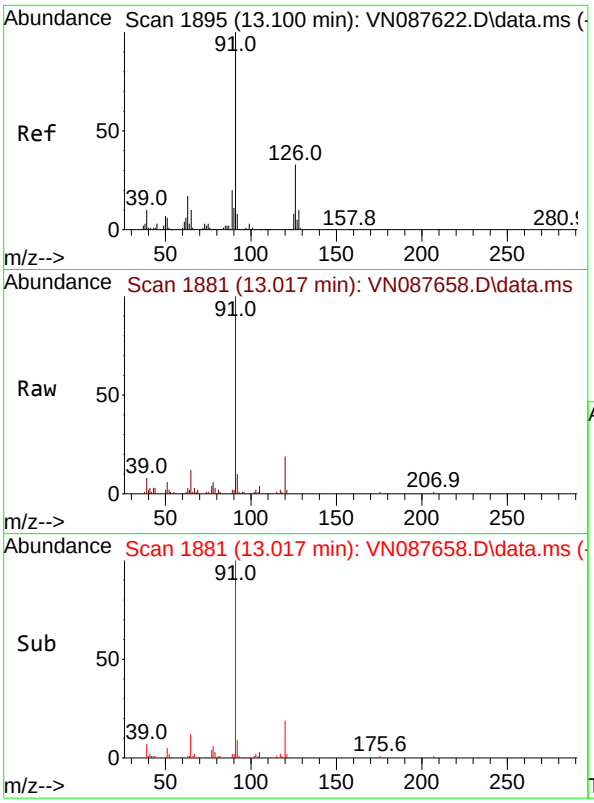


#78
n-propylbenzene
Concen: 2.603 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 91 Resp: 46142

Ion	Ratio	Lower	Upper
91	100		
120	23.2	10.7	32.1



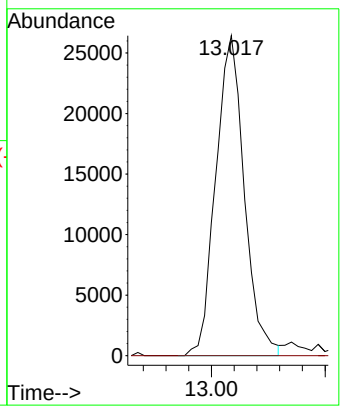


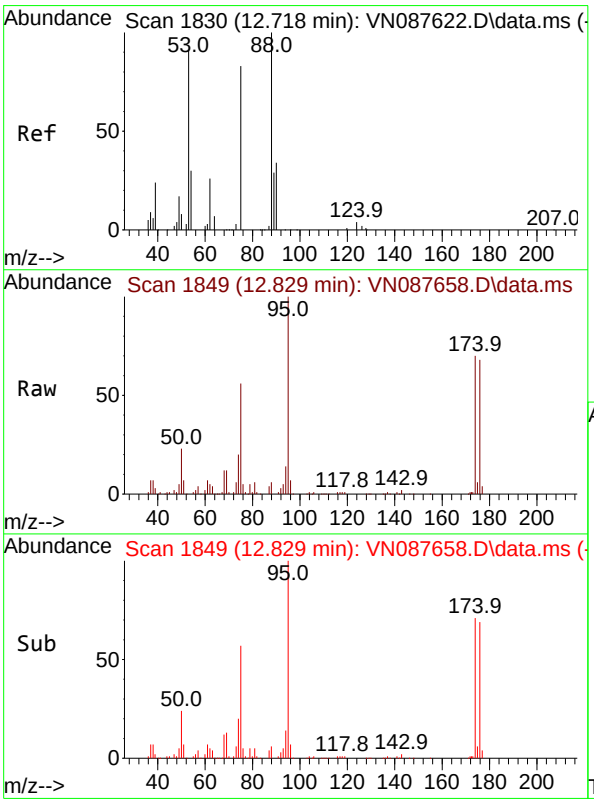
#79
2-Chlorotoluene
Concen: 4.326 ug/l
RT: 13.017 min Scan# 1
Delta R.T. -0.082 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 46142

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	48.3#

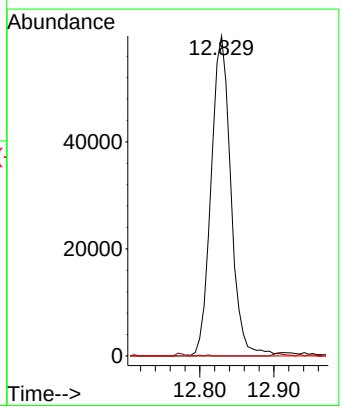


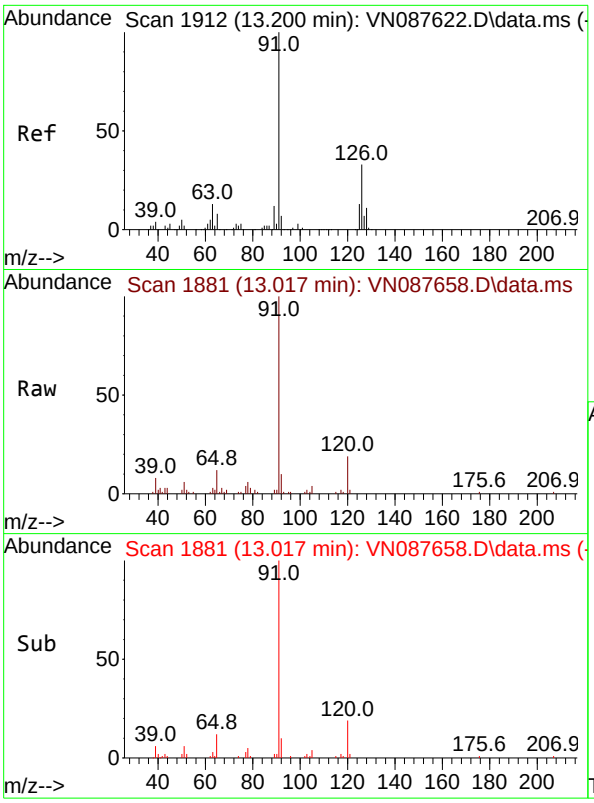


#81
trans-1,4-Dichloro-2-butene
Concen: 70.124 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion: 75 Resp: 110615

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	35.6	53.4#



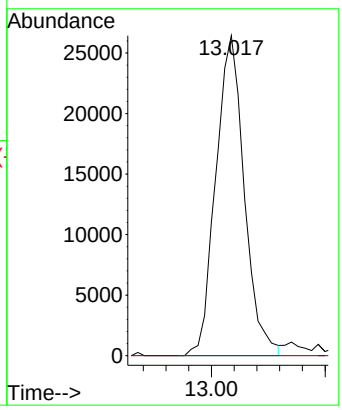


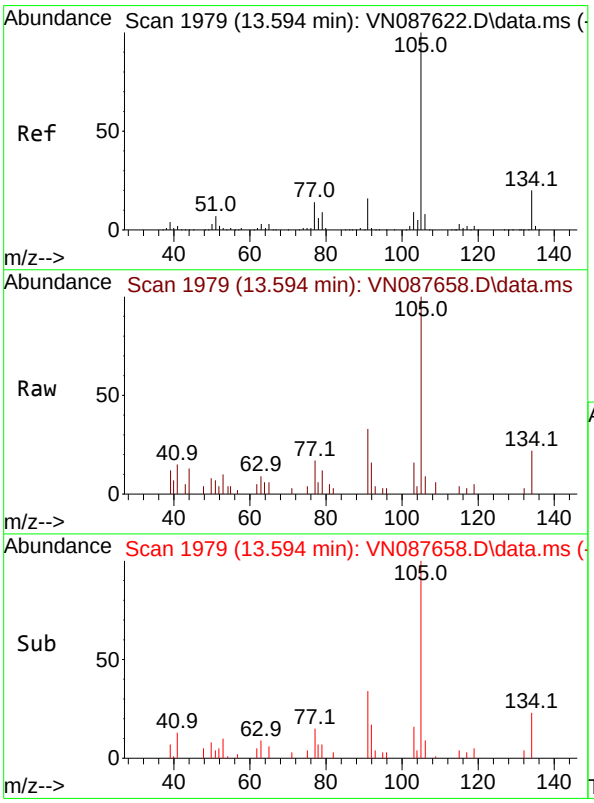
#82
4-Chlorotoluene
Concen: 4.114 ug/l
RT: 13.017 min Scan# 1
Delta R.T. -0.182 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 46142

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.6	46.8#

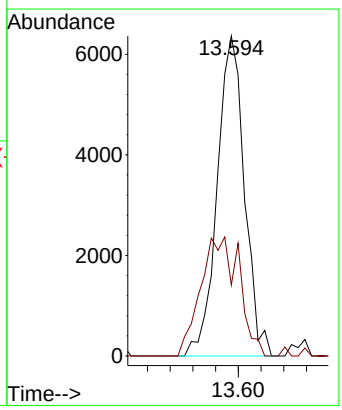


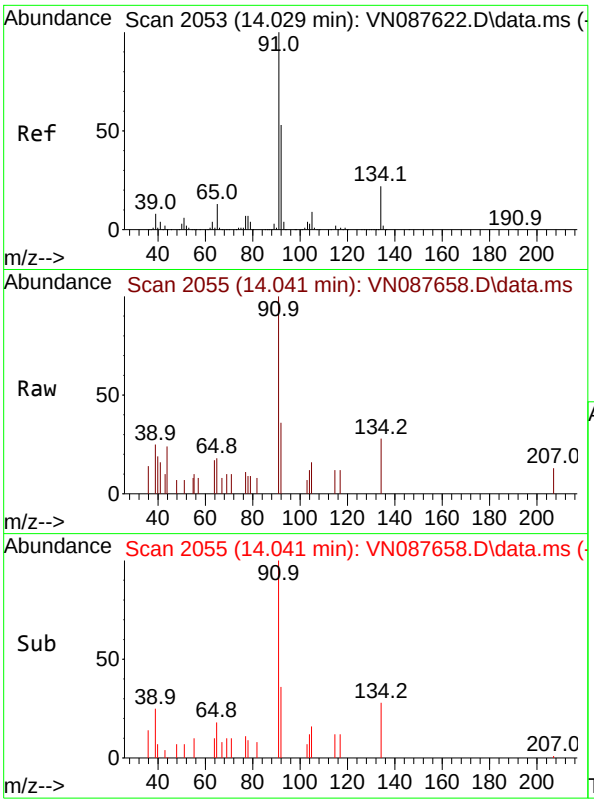


#85
sec-Butylbenzene
Concen: 0.704 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:105 Resp: 10621

Ion	Ratio	Lower	Upper
105	100		
134	52.6	9.6	28.6#



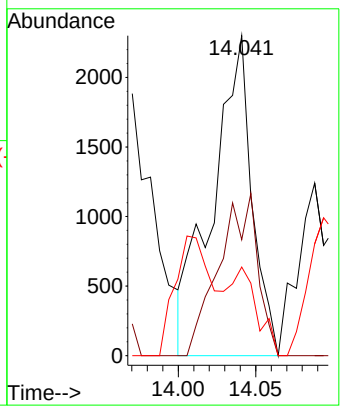


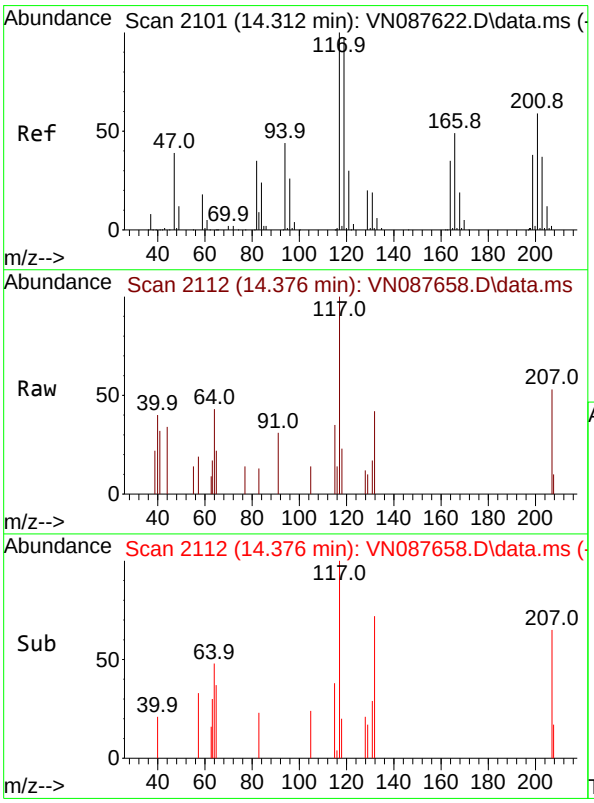
#89
n-Butylbenzene
Concen: 0.328 ug/l
RT: 14.041 min Scan# 2
Delta R.T. 0.012 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4064

Ion	Ratio	Lower	Upper
91	100		
92	49.6	25.9	77.8
134	18.4	11.7	35.0

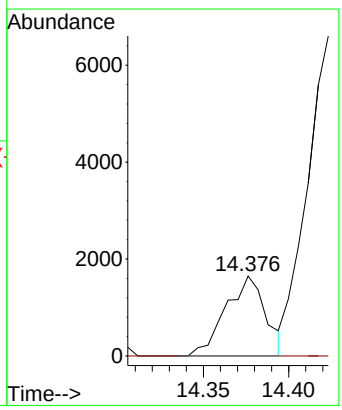


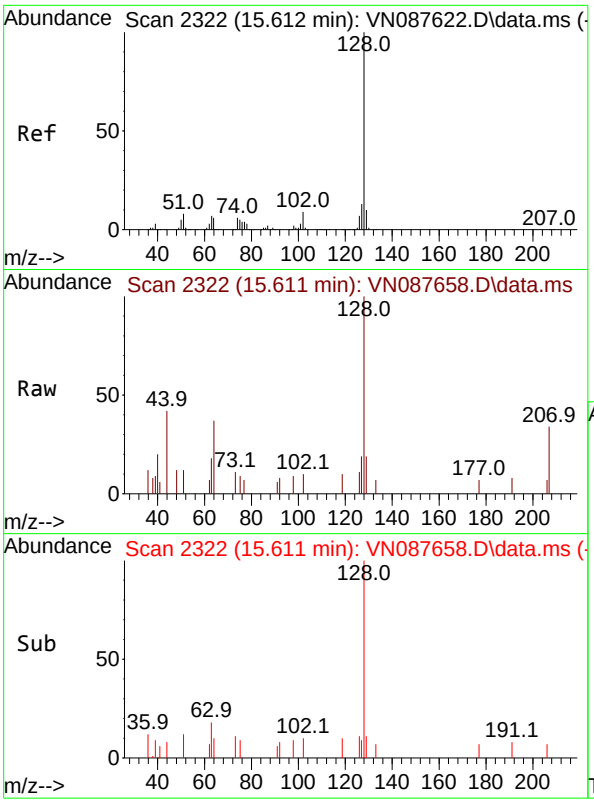


#90
Hexachloroethane
Concen: 1.127 ug/l
RT: 14.376 min Scan# 2112
Delta R.T. 0.065 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Tgt Ion:117 Resp: 2676

Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.1	87.4#





#95
Naphthalene
Concen: 0.331 ug/l
RT: 15.611 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN087658.D
Acq: 25 Aug 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4458

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	8.2	8.6	12.8#