Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085459.D
Acq On : 15 Jan 2025 14:13
Operator : JC\MD
Sample : PB166029ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Quant Time: Jan 16 00:58:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	180587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160959	55.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	8.165	113	120299	48.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.480%			
50) Toluene-d8	10.565	98	447097	50.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.847	95	138891	46.305	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.600%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	576	0.218	ug/l #	41
5) Bromomethane	2.989	94	452	0.281	ug/l #	62
11) Tert butyl alcohol	5.506	59	197	0.590	ug/l #	71
16) Acetone	4.430	43	44214	46.942	ug/l	98
18) Methyl Acetate	5.024	43	2418	0.844	ug/l #	80
20) Methylene Chloride	5.271	84	3933	1.687	ug/l #	88
25) 2-Butanone	7.483	43	4805	3.467	ug/l #	87
28) Bromochloromethane	7.959	49	5221	2.637	ug/l #	18
29) Tetrahydrofuran	7.835	42	478	0.544	ug/l #	34
30) Chloroform	7.959	83	60373	13.724	ug/l	99
31) Cyclohexane	8.224	56	5473	1.479	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	16983	4.903	ug/l #	52
37) Ethyl Acetate	7.559	43	3796	1.086	ug/l #	73
38) Carbon Tetrachloride	8.218	117	20082	5.064	ug/l #	18
43) Isopropyl Acetate	8.682	43	199530	35.618	ug/l #	79
45) 1,2-Dichloropropane	9.741	63	1315	0.495	ug/l #	43
48) Methyl methacrylate	9.659	41	3922	1.556	ug/l #	46
49) 1,4-Dioxane	9.747	88	189	4.452	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	10923	3.360	ug/l #	72
53) t-1,3-Dichloropropene	10.729	75	770	0.209	ug/l #	45
54) cis-1,3-Dichloropropene	10.353	75	39678	10.058	ug/l #	68
56) Ethyl methacrylate	10.976	69	1687	2.335	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5214	1.257	ug/l #	43
59) 2-Hexanone	11.200	43	65437	28.608	ug/l #	61
74) N-amyl acetate	12.476	43	972	0.258	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	78643	31.151	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78643	84.282	ug/l #	3

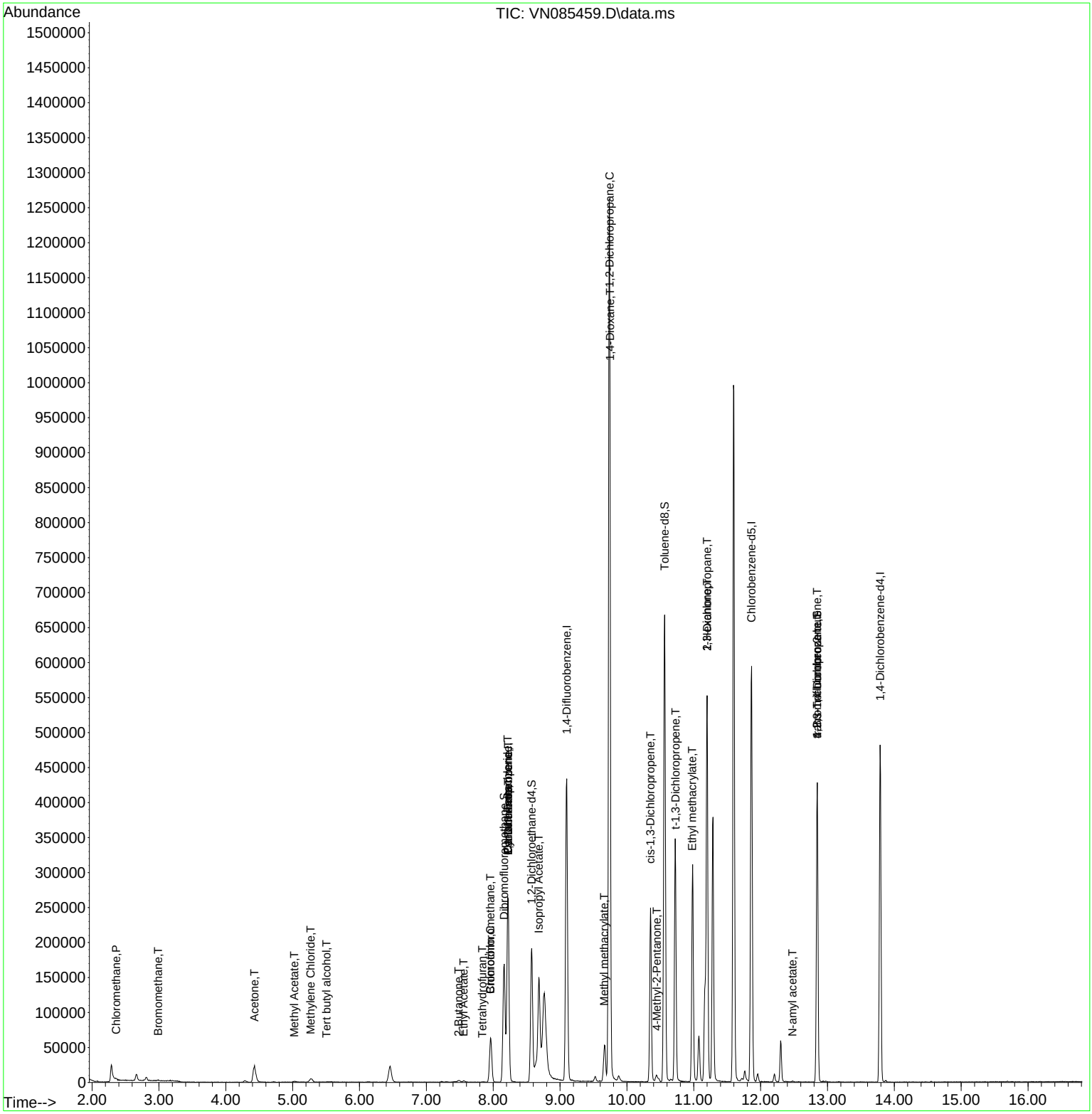
(#) = qualifier out of range (m) = manual integration (+) = signals summed

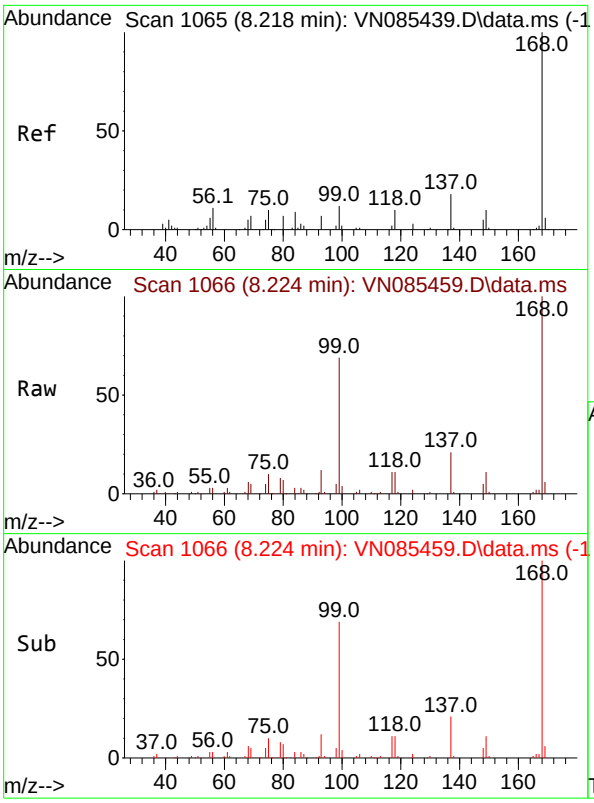
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085459.D
Acq On : 15 Jan 2025 14:13
Operator : JC\MD
Sample : PB166029ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Quant Time: Jan 16 00:58:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



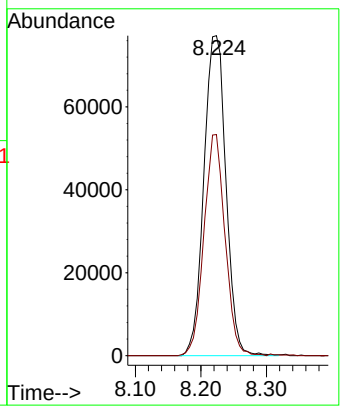


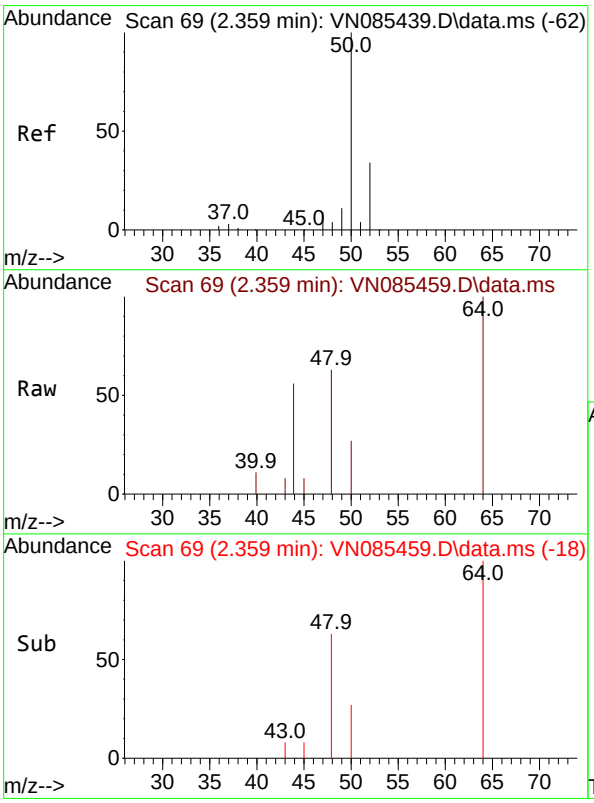
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:168 Resp: 180587

Ion	Ratio	Lower	Upper
168	100		
99	69.1	53.6	80.4

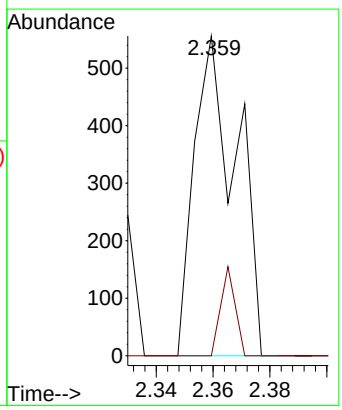


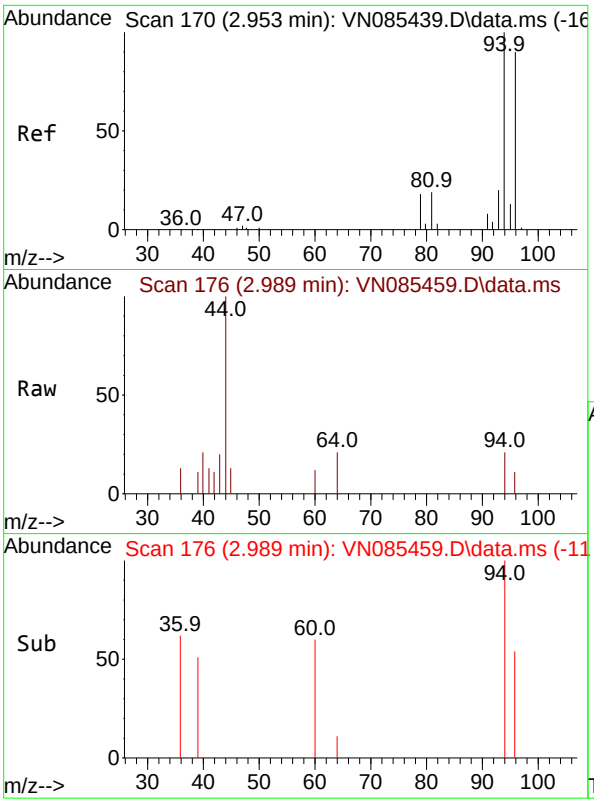


#3
Chloromethane
Concen: 0.218 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 50 Resp: 576

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



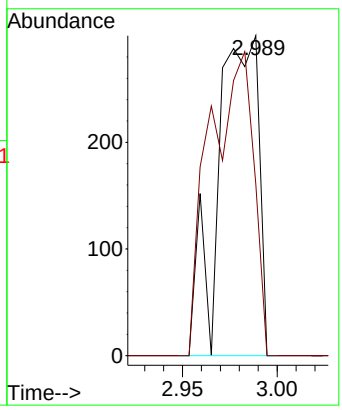


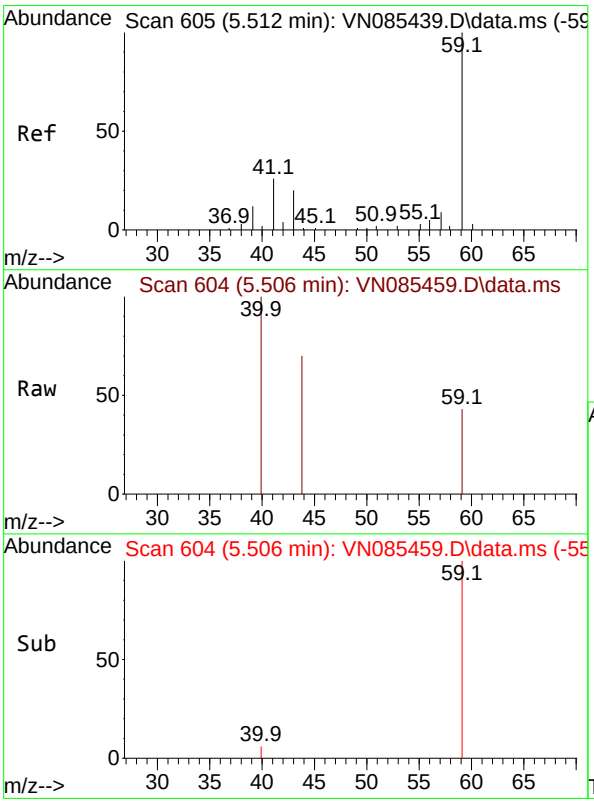
#5
Bromomethane
Concen: 0.281 ug/l
RT: 2.989 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 94 Resp: 452

Ion	Ratio	Lower	Upper
94	100		
96	53.7	71.8	107.6#

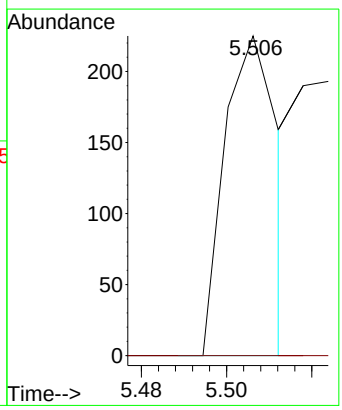


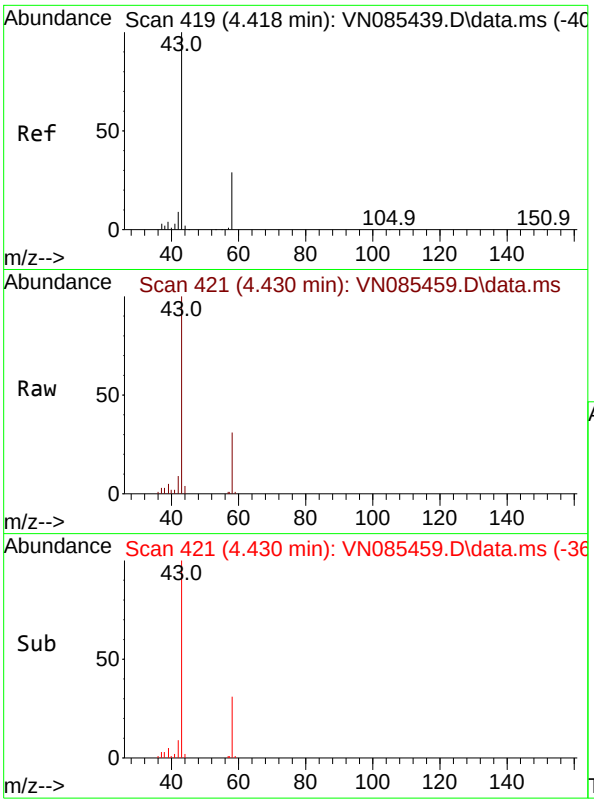


#11
Tert butyl alcohol
Concen: 0.590 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 59 Resp: 197

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



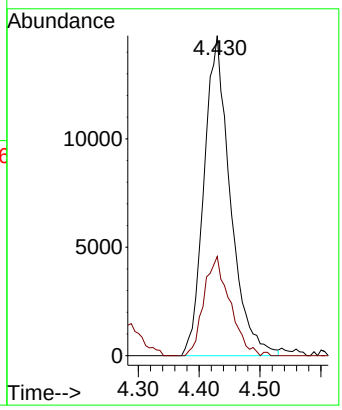


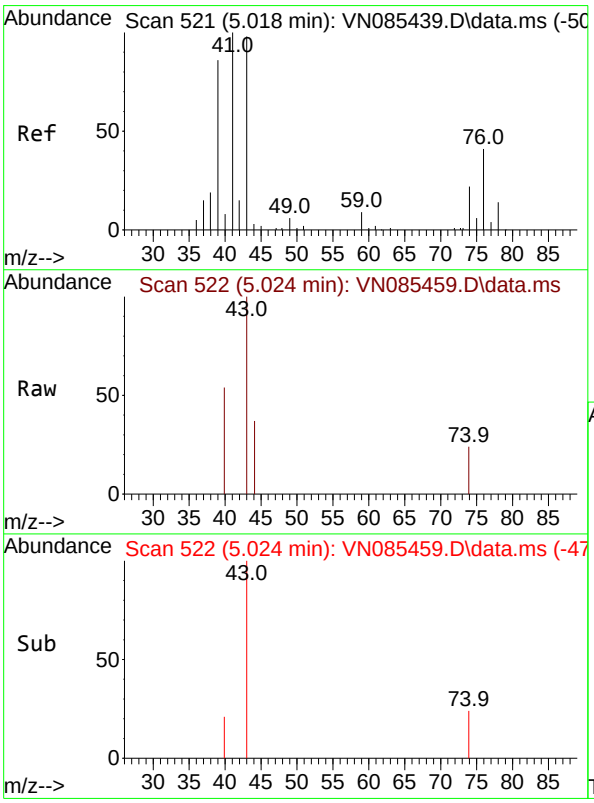
#16
Acetone
Concen: 46.942 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 43 Resp: 44214

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.6

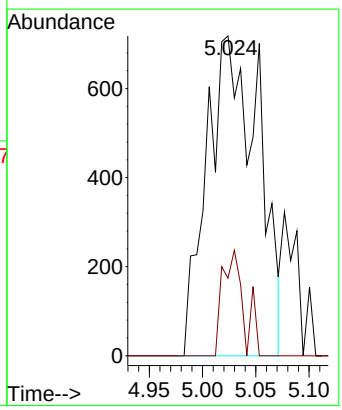


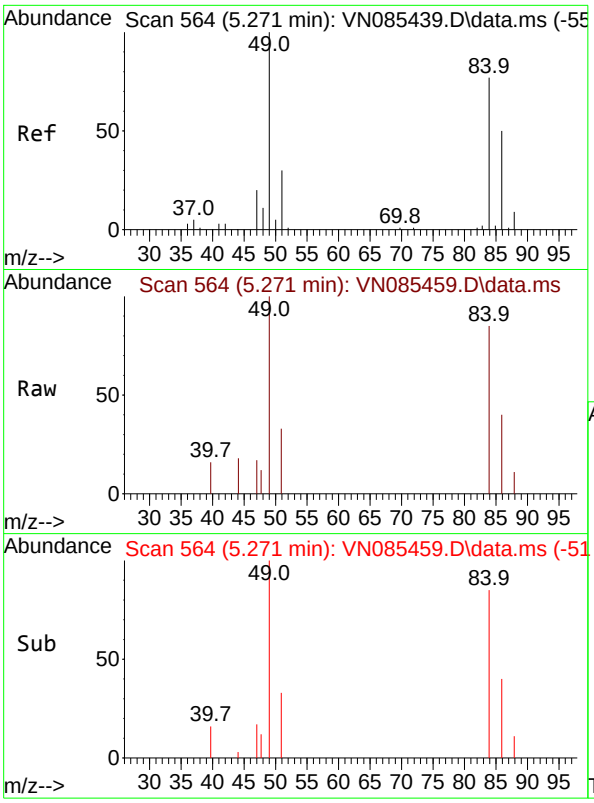


#18
Methyl Acetate
Concen: 0.844 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 43 Resp: 2418

Ion	Ratio	Lower	Upper
43	100		
74	13.5	18.6	28.0#



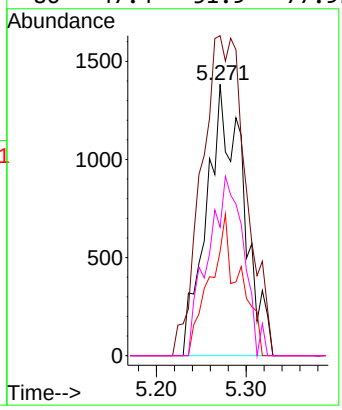


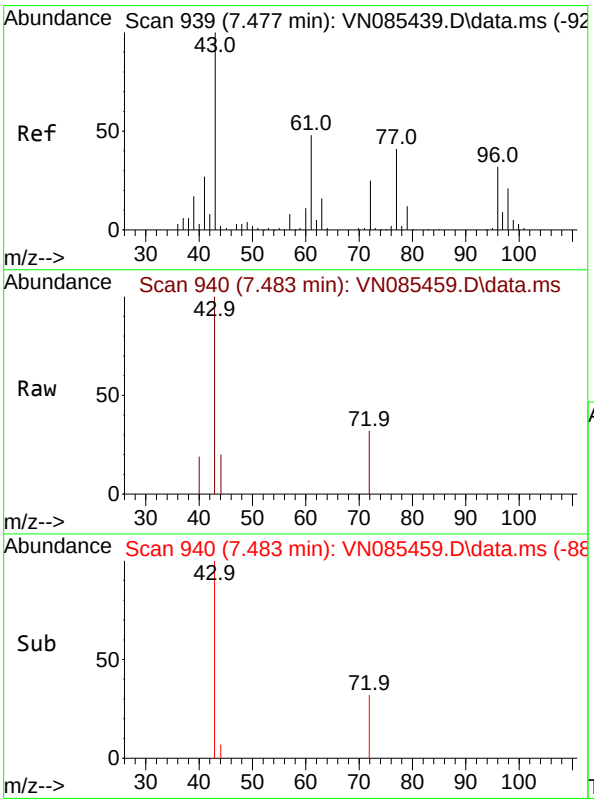
#20
Methylene Chloride
Concen: 1.687 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 84 Resp: 3933

Ion	Ratio	Lower	Upper
84	100		
49	117.9	104.1	156.1
51	38.5	31.0	46.4
86	47.4	51.9	77.9#

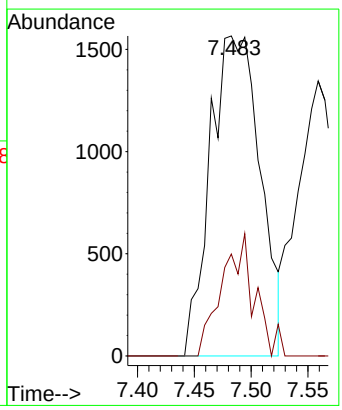


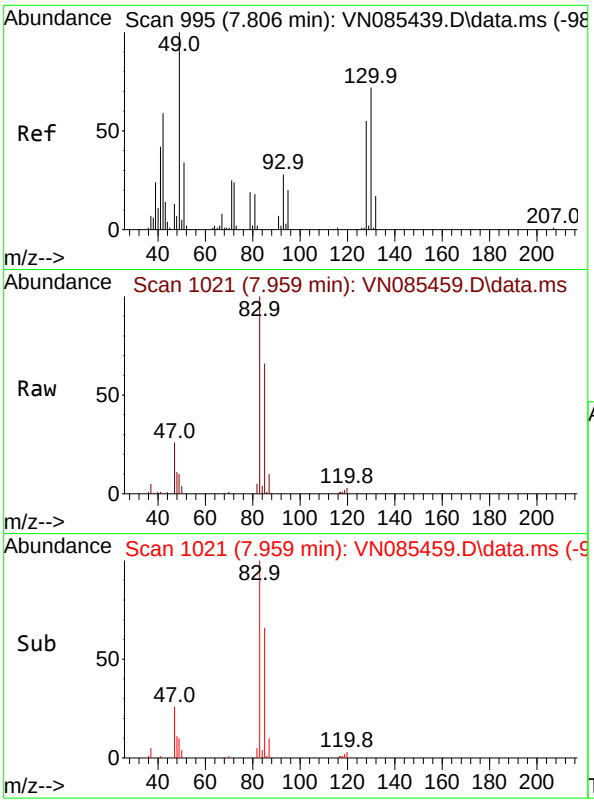


#25
2-Butanone
Concen: 3.467 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 43 Resp: 4805

Ion	Ratio	Lower	Upper
43	100		
72	31.9	20.2	30.4#



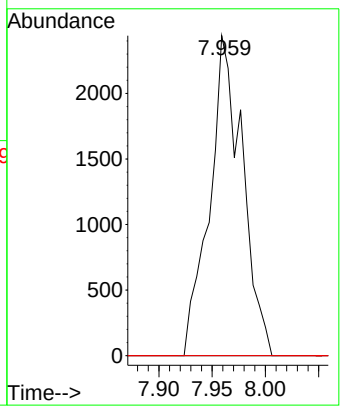


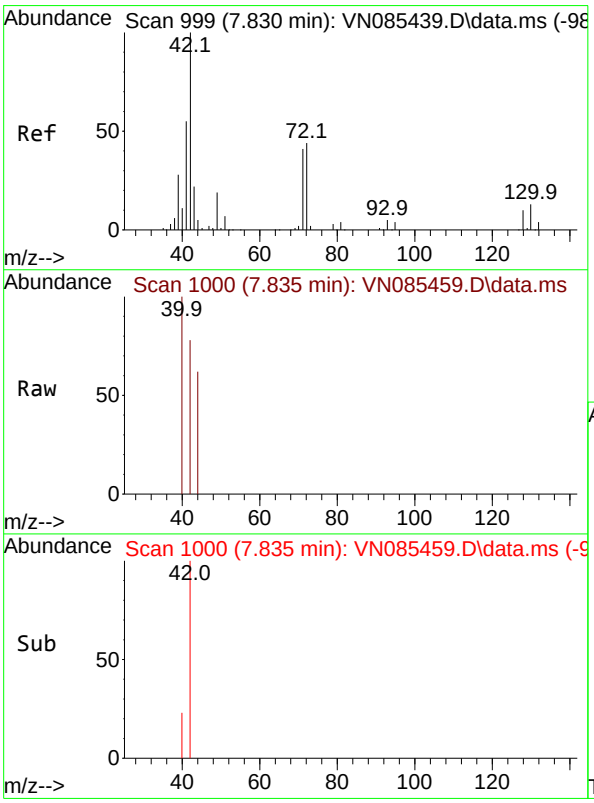
#28
Bromochloromethane
Concen: 2.637 ug/l
RT: 7.959 min Scan# 1
Delta R.T. 0.153 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 49 Resp: 5221

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	55.0	82.4#

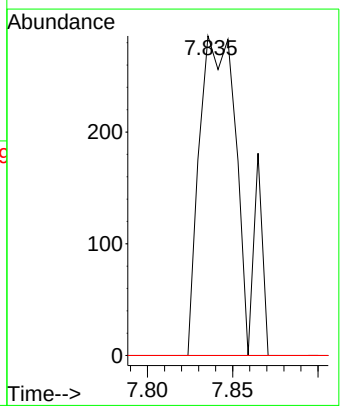


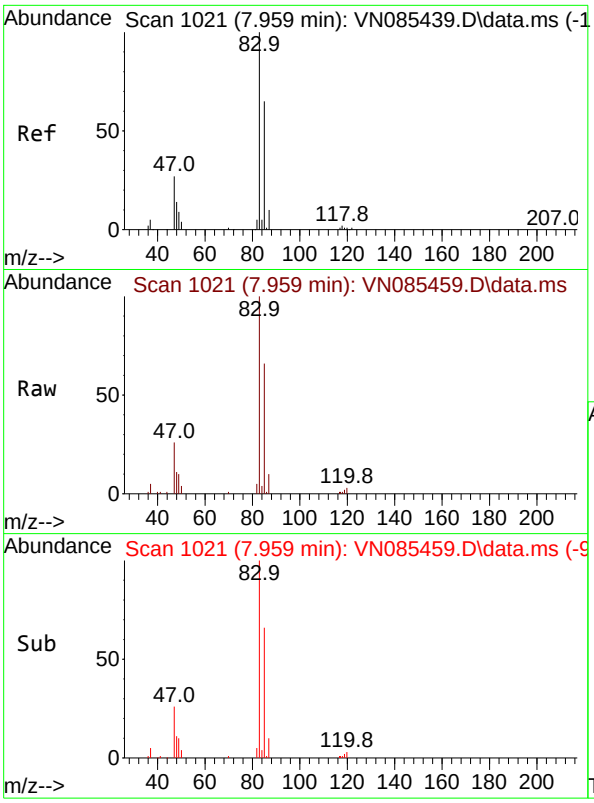


#29
Tetrahydrofuran
Concen: 0.544 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 42 Resp: 478

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	32.5	48.7#



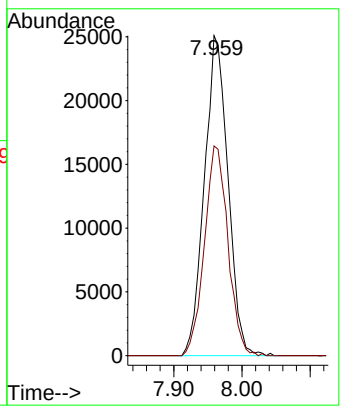


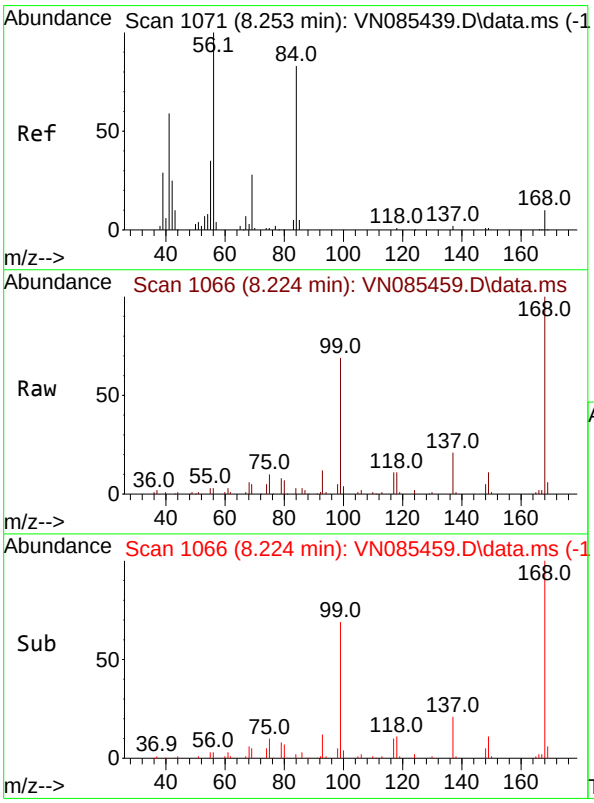
#30
Chloroform
Concen: 13.724 ug/l
RT: 7.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 83 Resp: 60373

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6

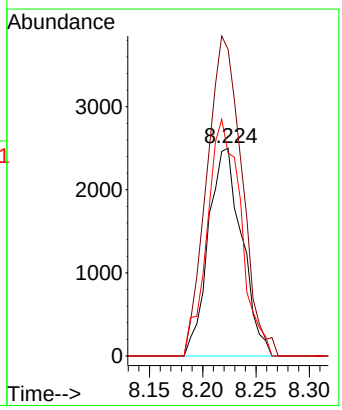


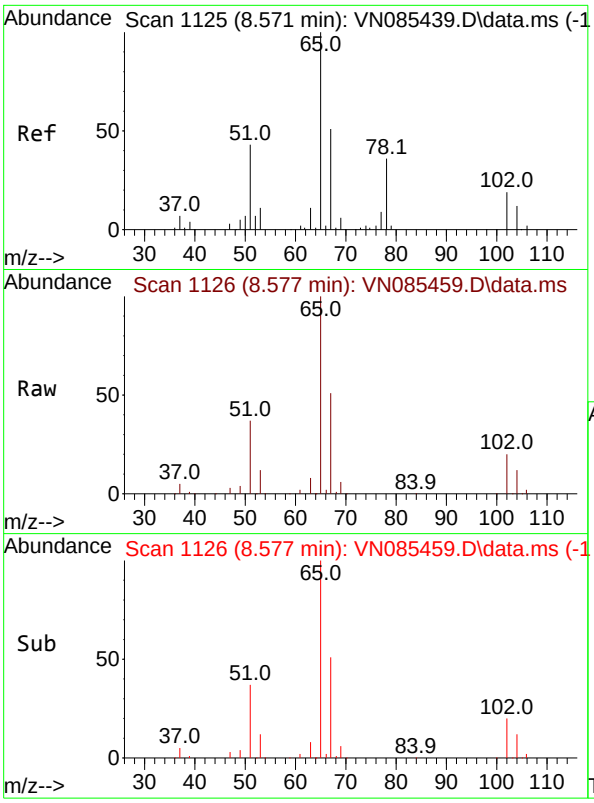


#31
Cyclohexane
Concen: 1.479 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 56 Resp: 5473

Ion	Ratio	Lower	Upper
56	100		
69	147.4	22.2	33.4#
84	97.6	66.4	99.6



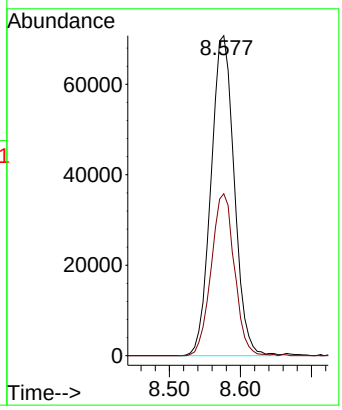


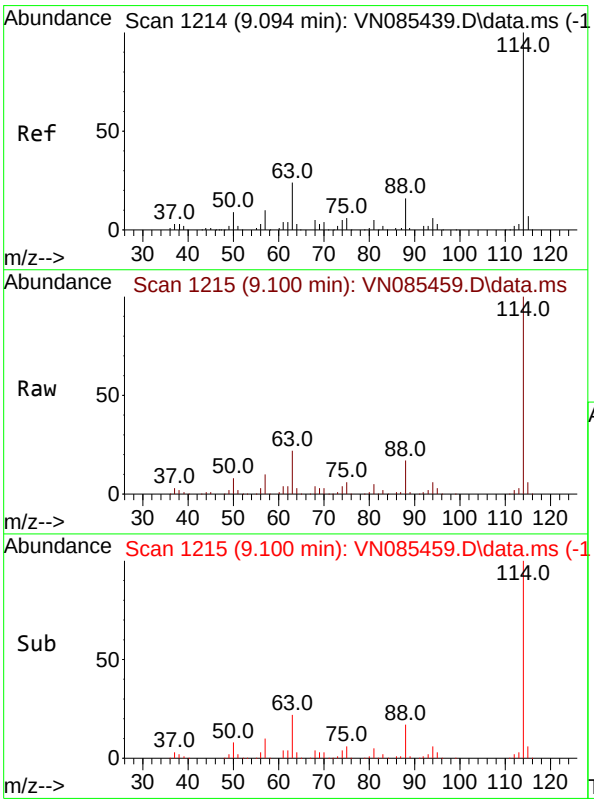
#33
1,2-Dichloroethane-d4
Concen: 55.217 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 65 Resp: 160959

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

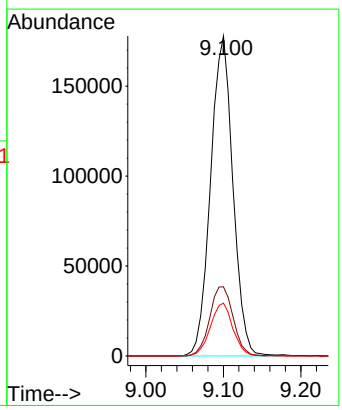


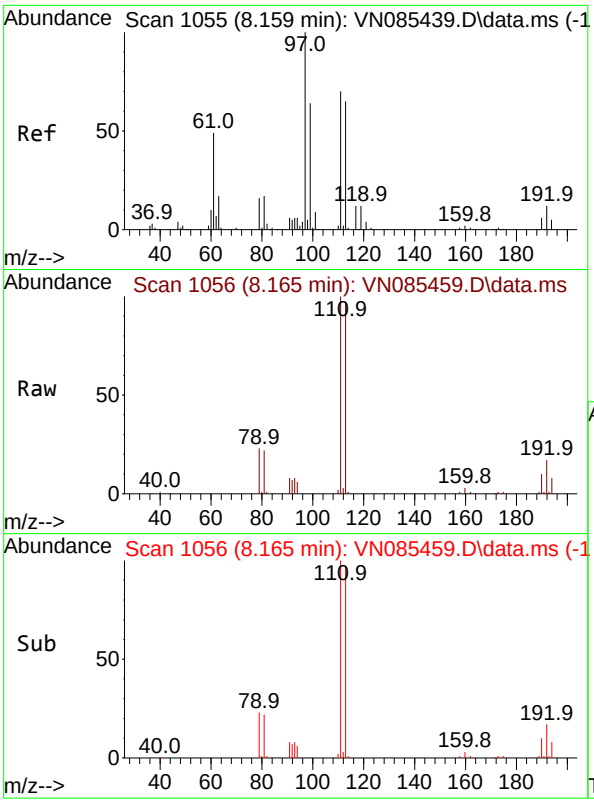


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion:114 Resp: 355738

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	47.6
88	16.5	0.0	32.6



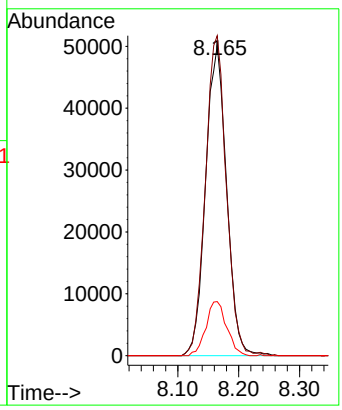


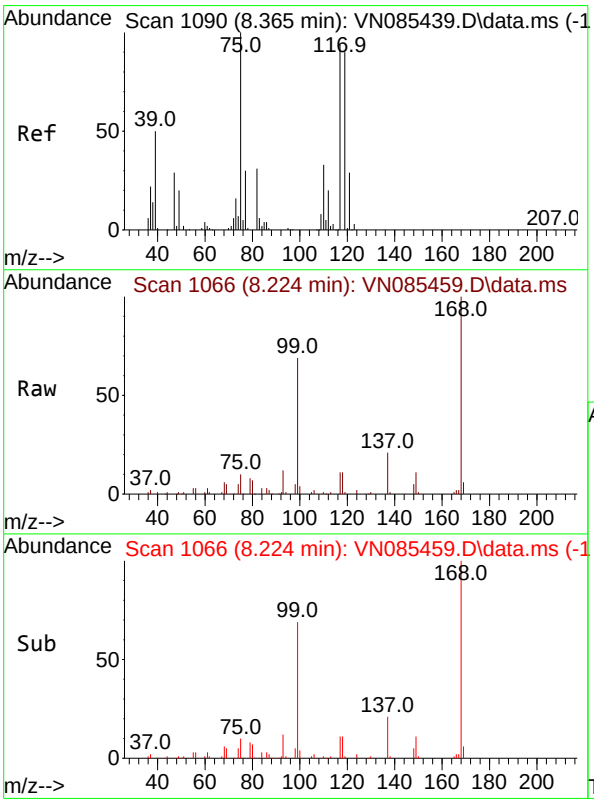
#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:113 Resp: 120299

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	17.2	14.3	21.5

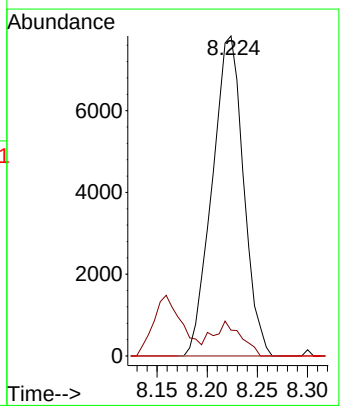


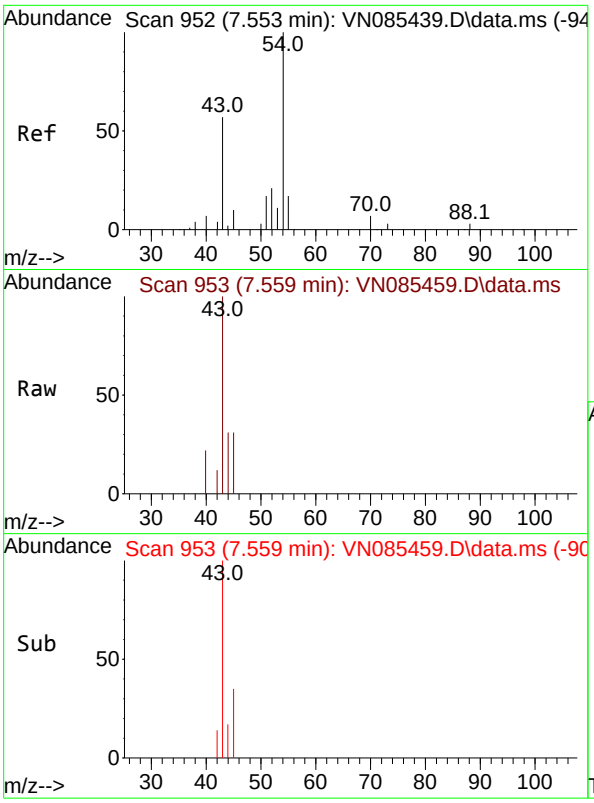


#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 75 Resp: 16983

Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.5	49.5#
77	0.0	24.4	36.6#



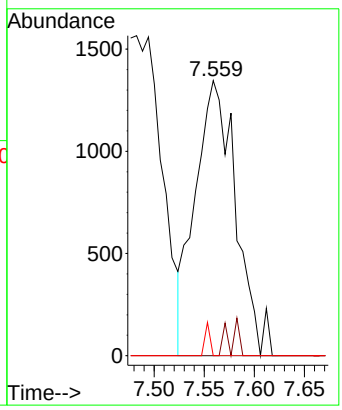


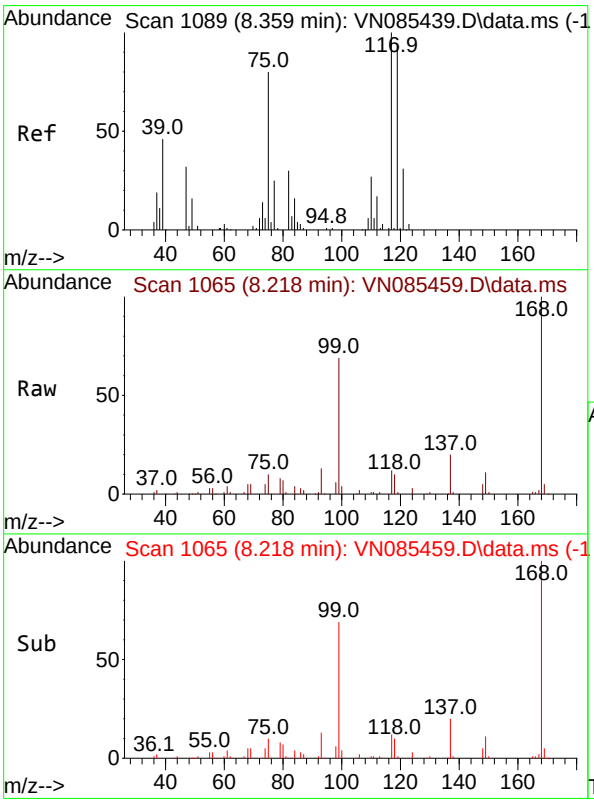
#37
Ethyl Acetate
Concen: 1.086 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 43 Resp: 3796

Ion	Ratio	Lower	Upper
43	100		
61	1.5	10.9	16.3#
70	1.5	7.5	11.3#

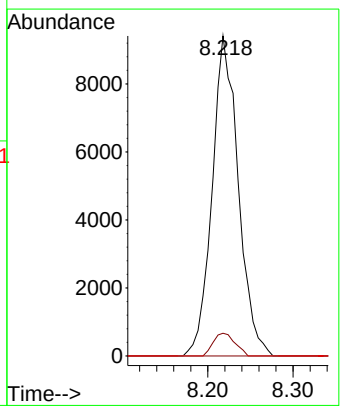


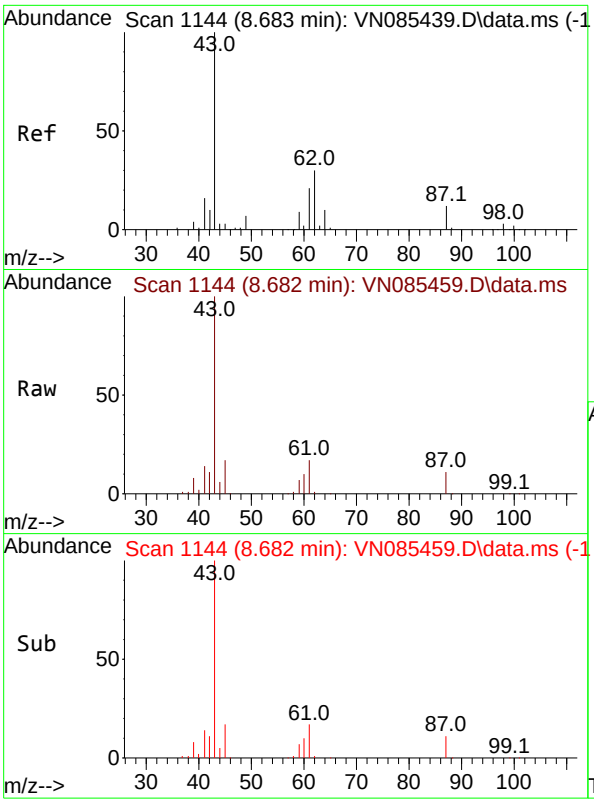


#38
Carbon Tetrachloride
Concen: 5.064 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion:117 Resp: 20082

Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.4	113.2#
121	0.0	24.6	37.0#



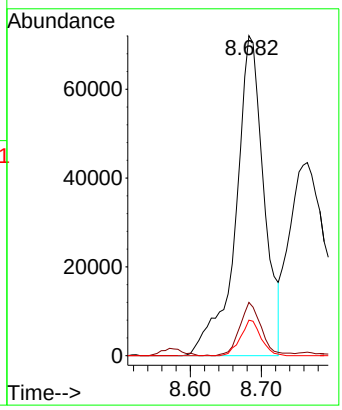


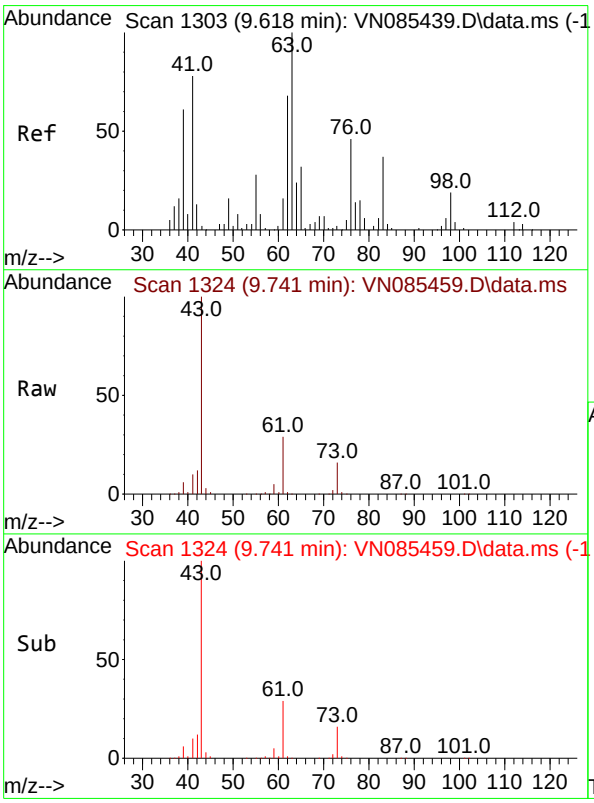
#43
Isopropyl Acetate
Concen: 35.618 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 43 Resp: 199530

Ion	Ratio	Lower	Upper
43	100		
61	12.8	20.7	31.1#
87	8.0	9.8	14.8#

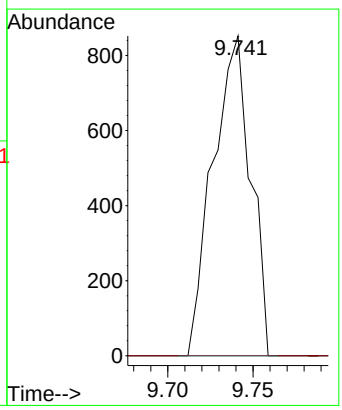


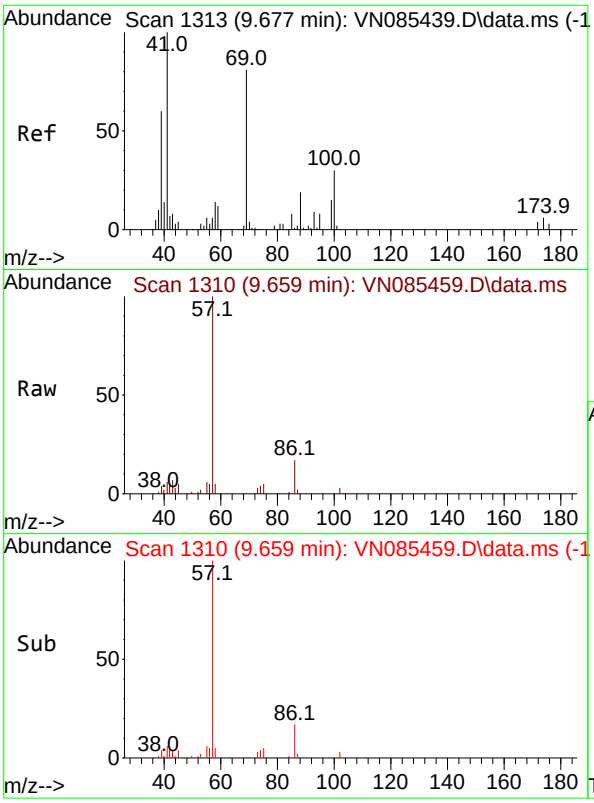


#45
1,2-Dichloropropane
Concen: 0.495 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 63 Resp: 1315

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



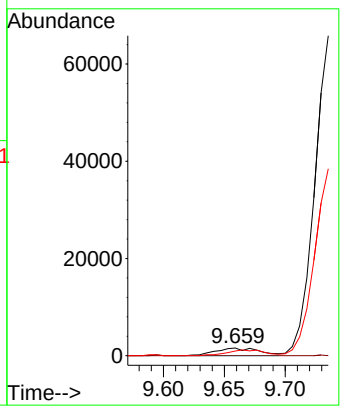


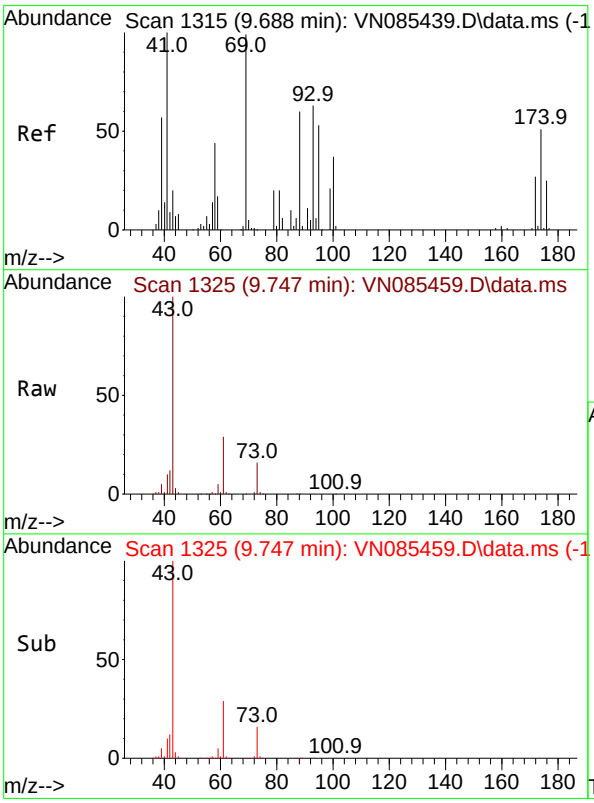
#48
Methyl methacrylate
Concen: 1.556 ug/l
RT: 9.659 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 41 Resp: 3922

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	64.3	49.0	73.6

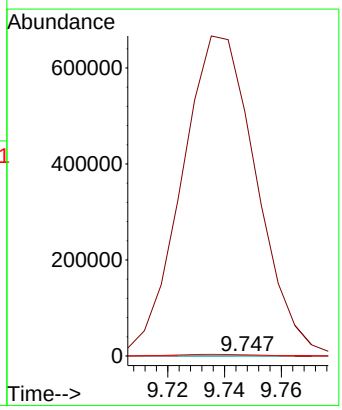


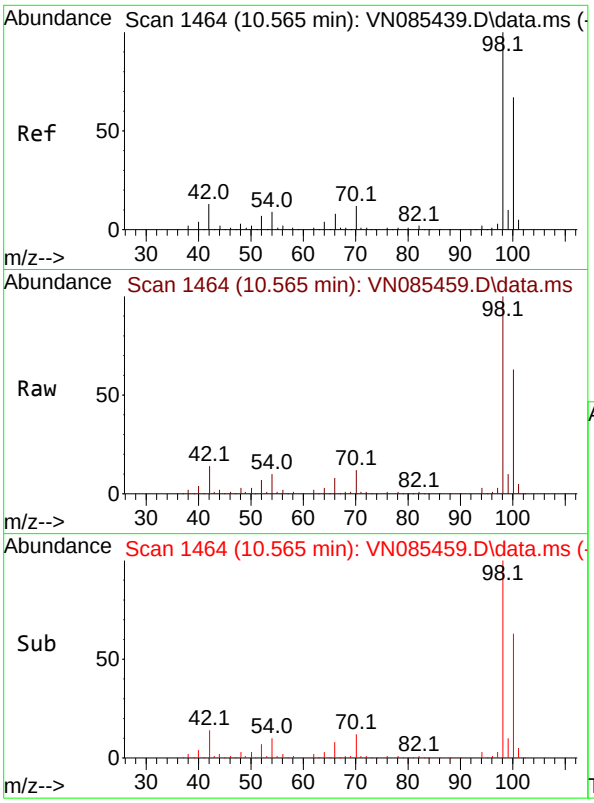


#49
1,4-Dioxane
Concen: 4.452 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.059 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 88 Resp: 189

Ion	Ratio	Lower	Upper
88	100		
43	651638.6	26.6	39.8#
58	3579.4	59.5	89.3#



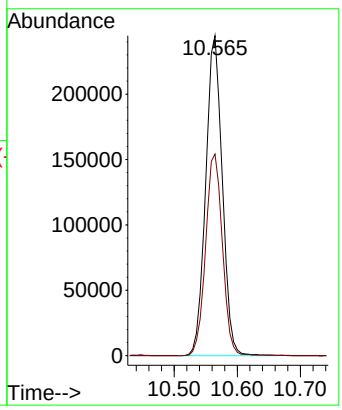


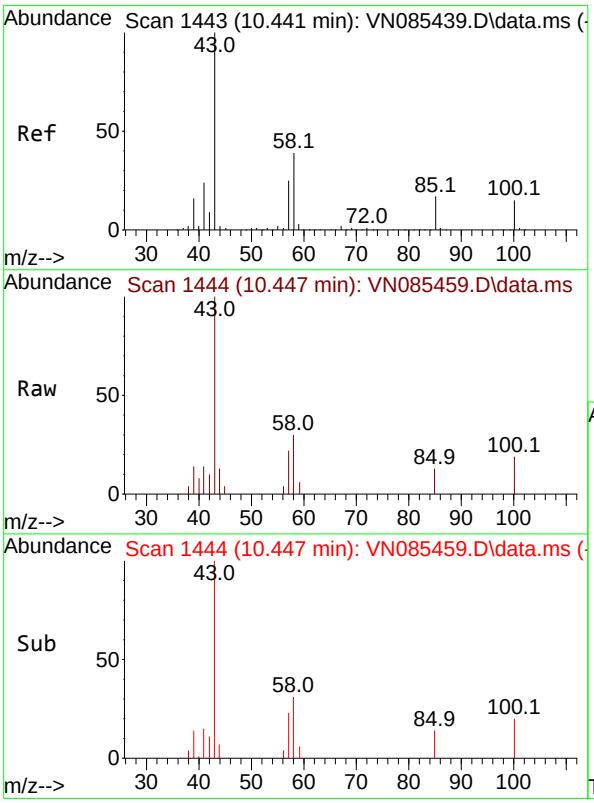
#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 98 Resp: 447097

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4

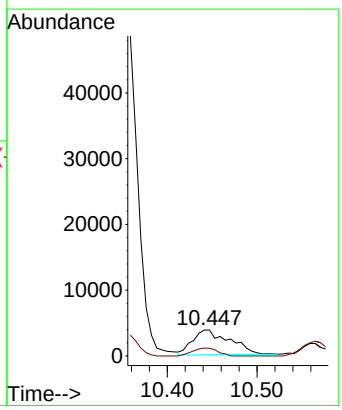


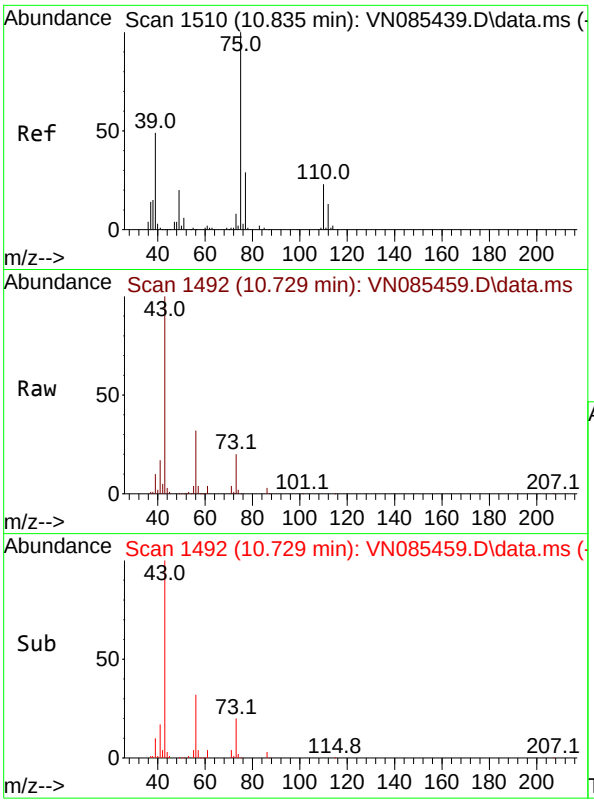


#51
4-Methyl-2-Pentanone
Concen: 3.360 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 43 Resp: 10923

Ion	Ratio	Lower	Upper
43	100		
58	21.4	30.5	45.7#



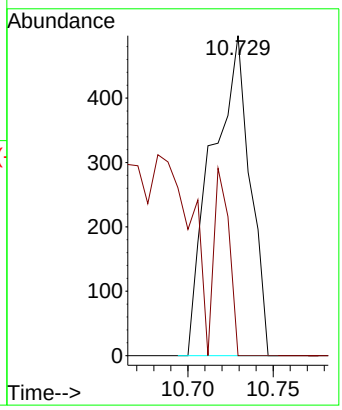


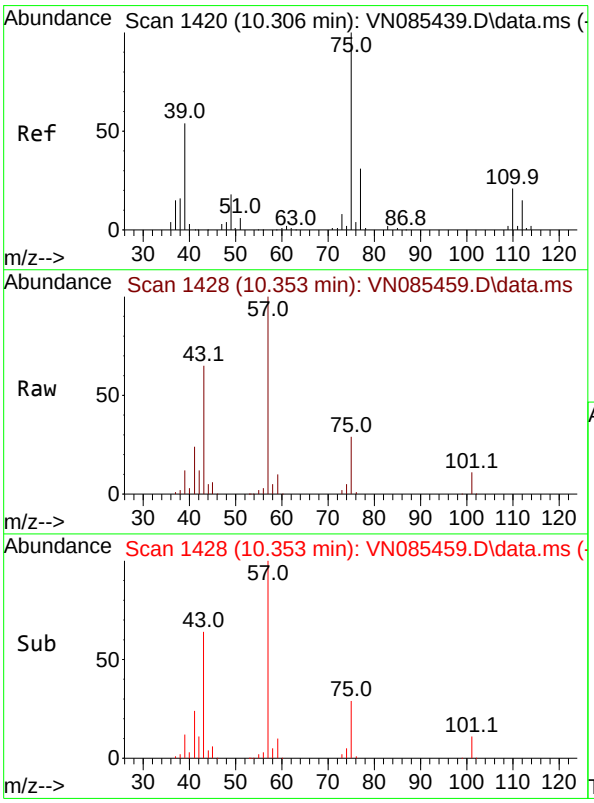
#53
t-1,3-Dichloropropene
Concen: 0.209 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 75 Resp: 770

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.5	35.3#

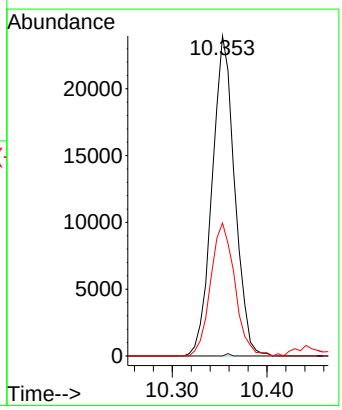


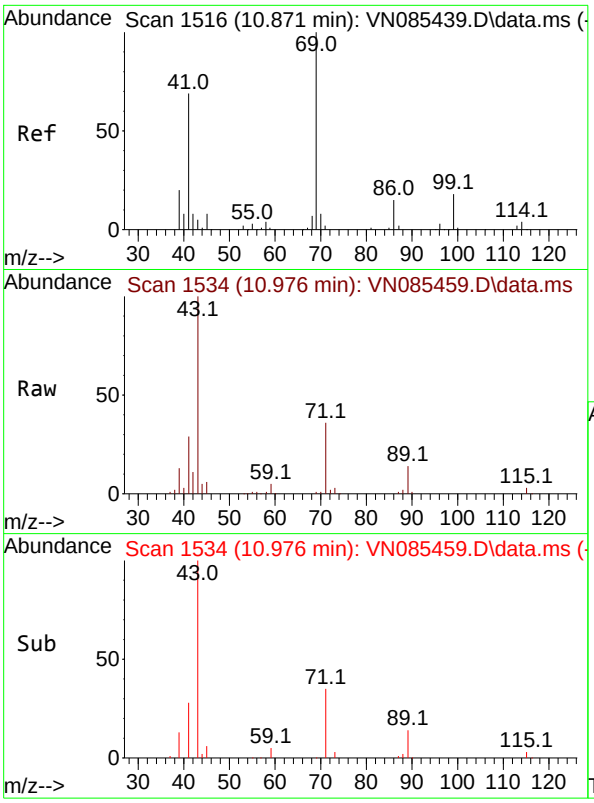


#54
cis-1,3-Dichloropropene
Concen: 10.058 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 75 Resp: 39678

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	41.6	43.1	64.7#



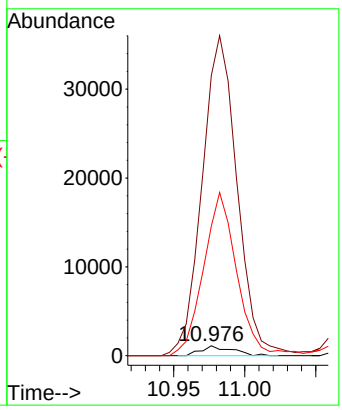


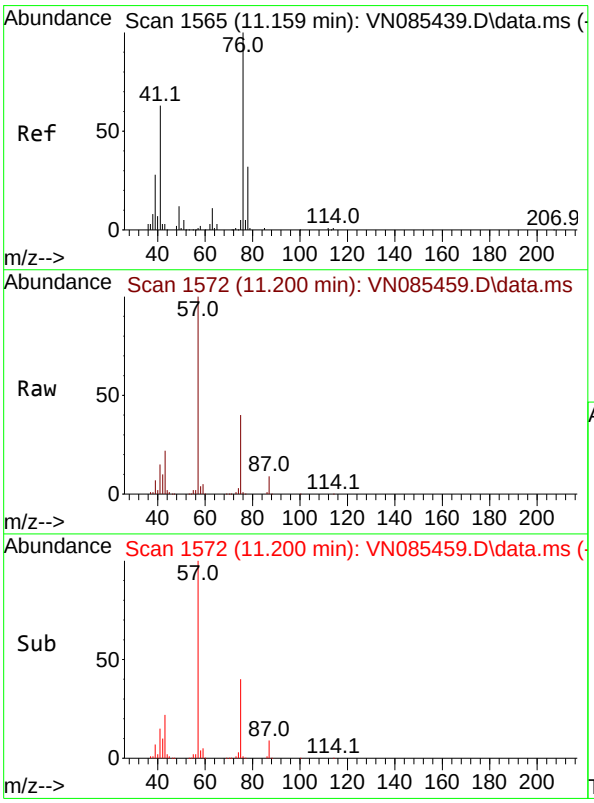
#56
Ethyl methacrylate
Concen: 2.335 ug/l
RT: 10.976 min Scan# 1
Delta R.T. 0.105 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 69 Resp: 1687

Ion	Ratio	Lower	Upper
69	100		
41	3656.0	54.6	82.0#
39	1774.9	32.4	48.6#

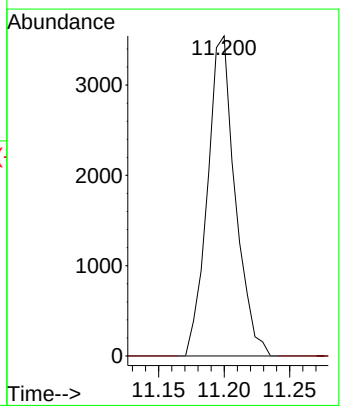


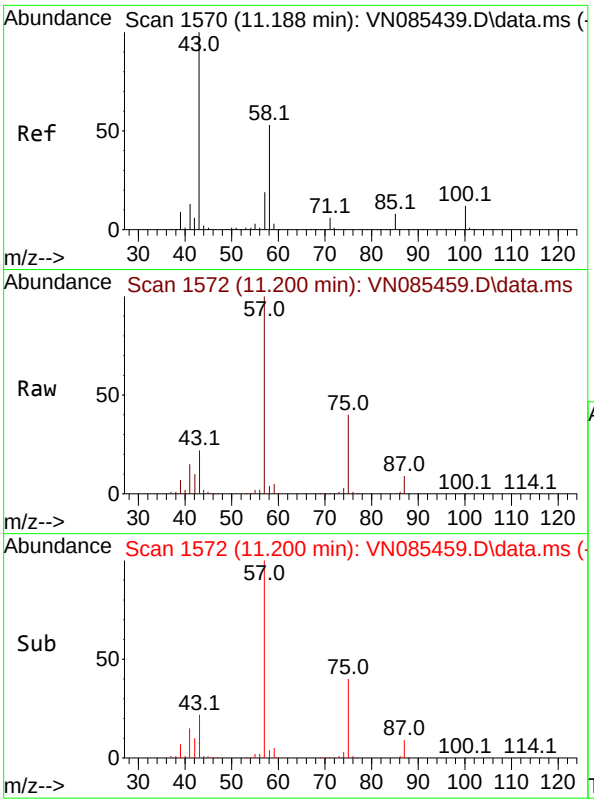


#57
1,3-Dichloropropane
Concen: 1.257 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 76 Resp: 5214

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



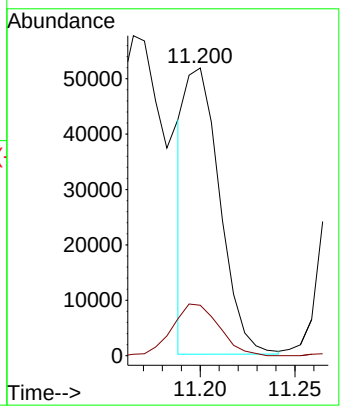


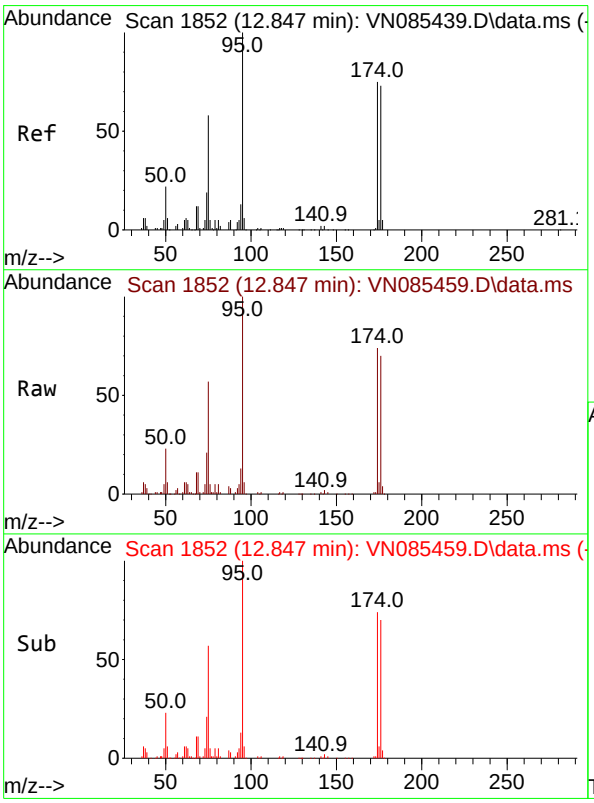
#59
2-Hexanone
Concen: 28.608 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 43 Resp: 65437

Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.2	78.6#

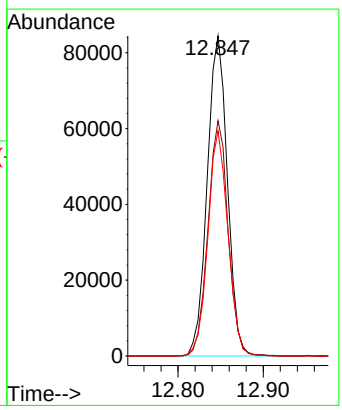


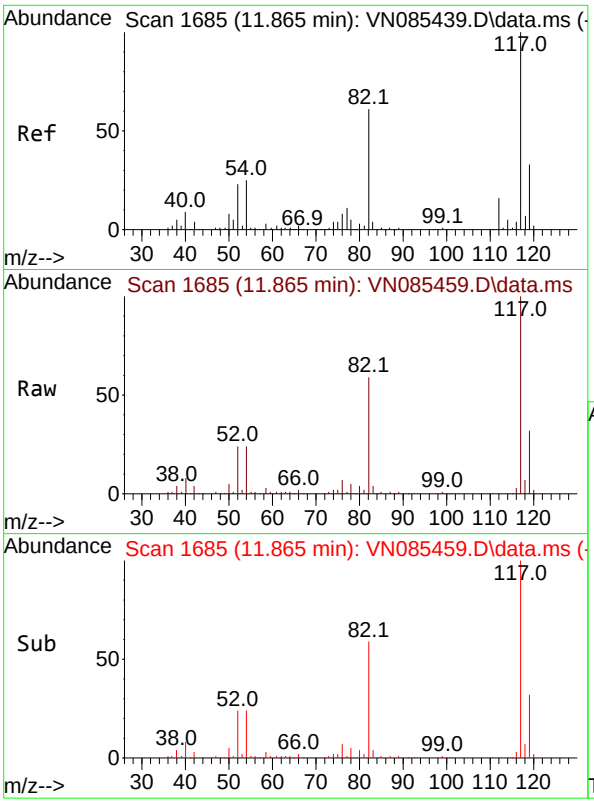


#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 95 Resp: 138891

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	145.0
176	69.8	0.0	142.4



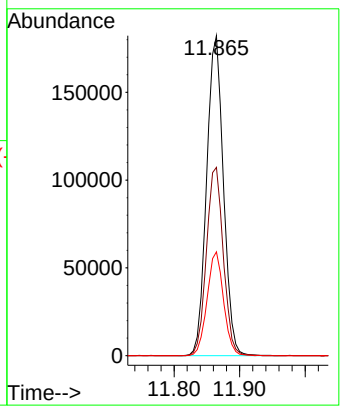


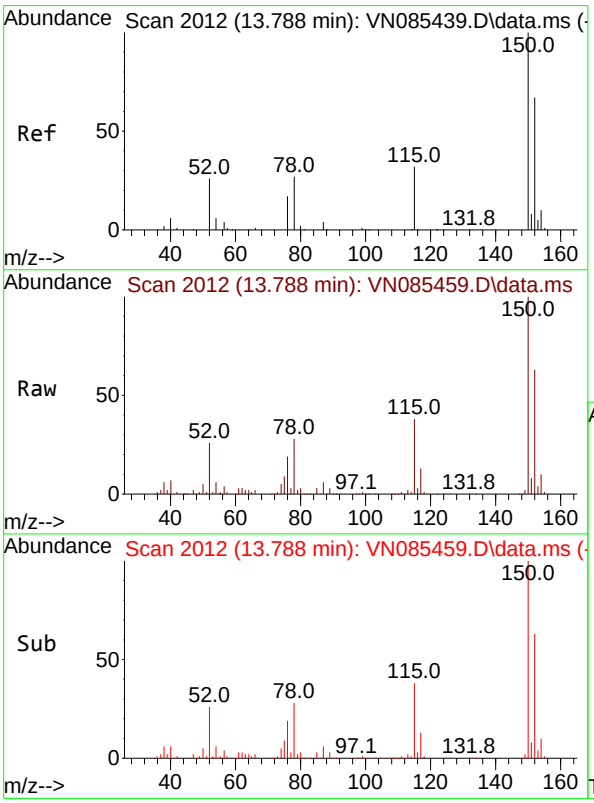
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:117 Resp: 324503

Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.6	72.8
119	32.4	26.6	39.8

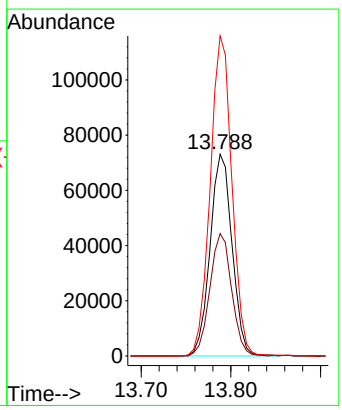


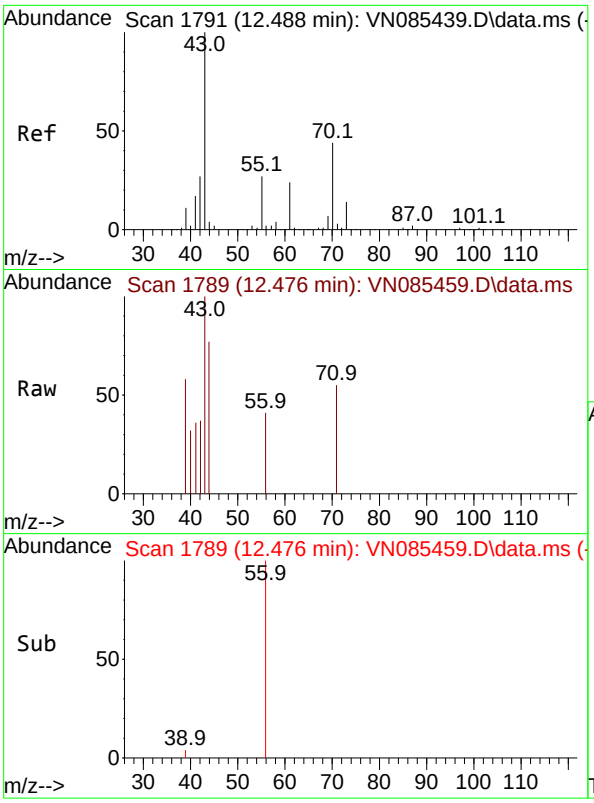


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion:152 Resp: 124208

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.1	93.3
150	156.7	0.0	343.6



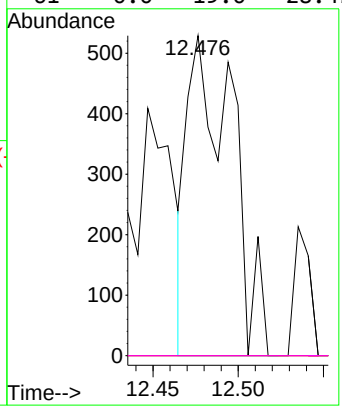


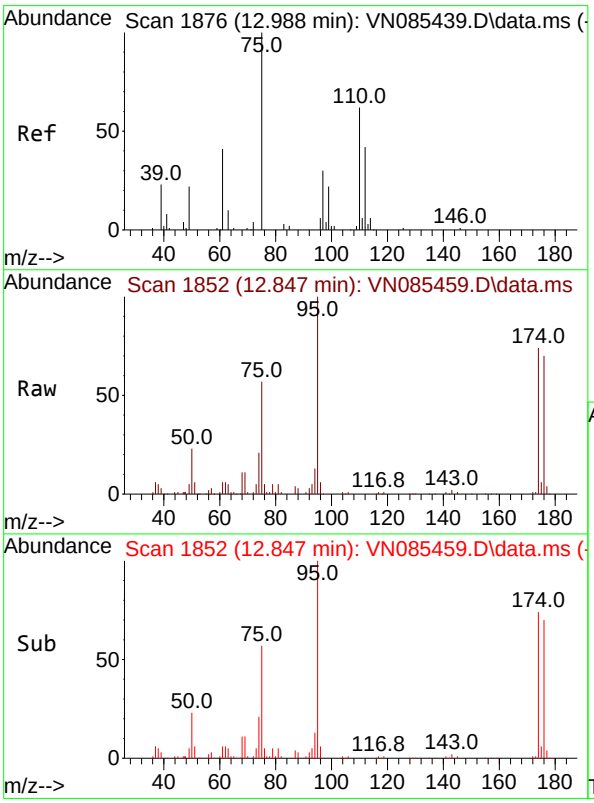
#74
N-amyl acetate
Concen: 0.258 ug/l
RT: 12.476 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 43 Resp: 972

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	0.0	21.4	32.2#
61	0.0	19.0	28.4#

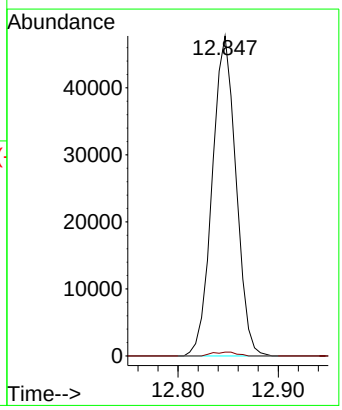


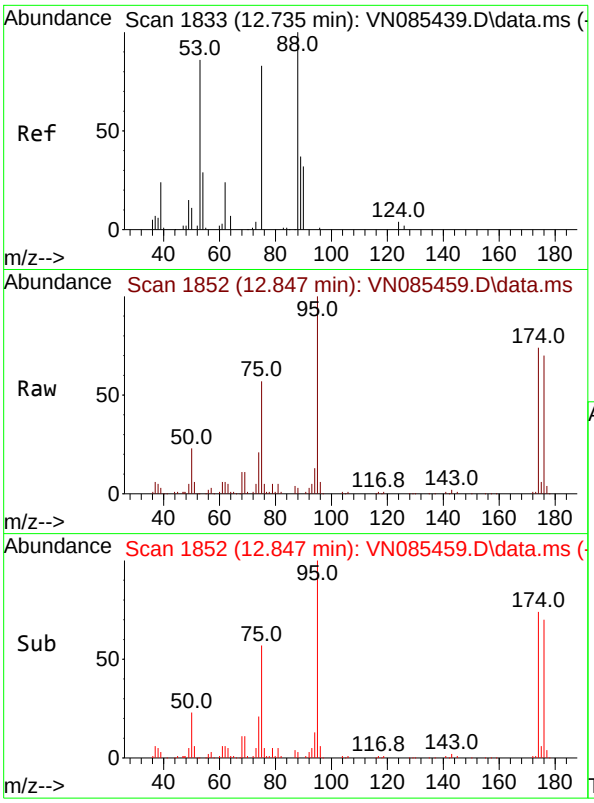


#76
1,2,3-Trichloropropane
Concen: 31.151 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 75 Resp: 78643

Ion	Ratio	Lower	Upper
75	100		
77	1.3	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.282 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 75 Resp: 78643

Ion	Ratio	Lower	Upper
75	100		
53	0.3	95.6	143.4#
89	0.0	37.0	55.6#