Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085566.D
Acq On : 29 Jan 2025 18:42
Operator : JC\MD
Sample : PB166319ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 30 00:40:27 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	156637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149503	59.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.260%			
35) Dibromofluoromethane	8.165	113	110460	49.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.300%			
50) Toluene-d8	10.565	98	412505	52.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.847	95	121729	45.017	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.040%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	540	0.235	ug/l #	70
6) Chloroethane	3.089	64	359	0.245	ug/l #	44
11) Tert butyl alcohol	5.518	59	222	0.767	ug/l #	71
13) Acrolein	4.283	56	112	0.283	ug/l #	14
16) Acetone	4.430	43	68821	84.240	ug/l	99
18) Methyl Acetate	5.024	43	2407	0.969	ug/l #	52
20) Methylene Chloride	5.283	84	1915	0.947	ug/l #	78
25) 2-Butanone	7.494	43	7151	5.948	ug/l	99
29) Tetrahydrofuran	7.847	42	184	0.241	ug/l #	34
30) Chloroform	7.971	83	2684	0.703	ug/l	96
31) Cyclohexane	8.224	56	4378	1.364	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15265	4.889	ug/l #	51
37) Ethyl Acetate	7.553	43	3509	1.113	ug/l #	82
38) Carbon Tetrachloride	8.224	117	18023	5.042	ug/l #	17
42) 1,2-Dichloroethane	8.683	62	709	0.201	ug/l #	76
43) Isopropyl Acetate	8.688	43	166810	33.030	ug/l #	82
45) 1,2-Dichloropropane	9.741	63	1460	0.609	ug/l #	43
48) Methyl methacrylate	9.671	41	3961	1.743	ug/l #	48
49) 1,4-Dioxane	9.741	88	65	1.698	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	12480	4.259	ug/l #	77
53) t-1,3-Dichloropropene	10.724	75	927	0.278	ug/l	95
54) cis-1,3-Dichloropropene	10.359	75	39176	11.016	ug/l #	73
56) Ethyl methacrylate	10.982	69	2115	2.492	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6287	1.681	ug/l #	43
59) 2-Hexanone	11.200	43	75780	36.750	ug/l #	59
74) N-amyl acetate	12.482	43	863	0.264	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	67945	31.019	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67945	83.924	ug/l #	3

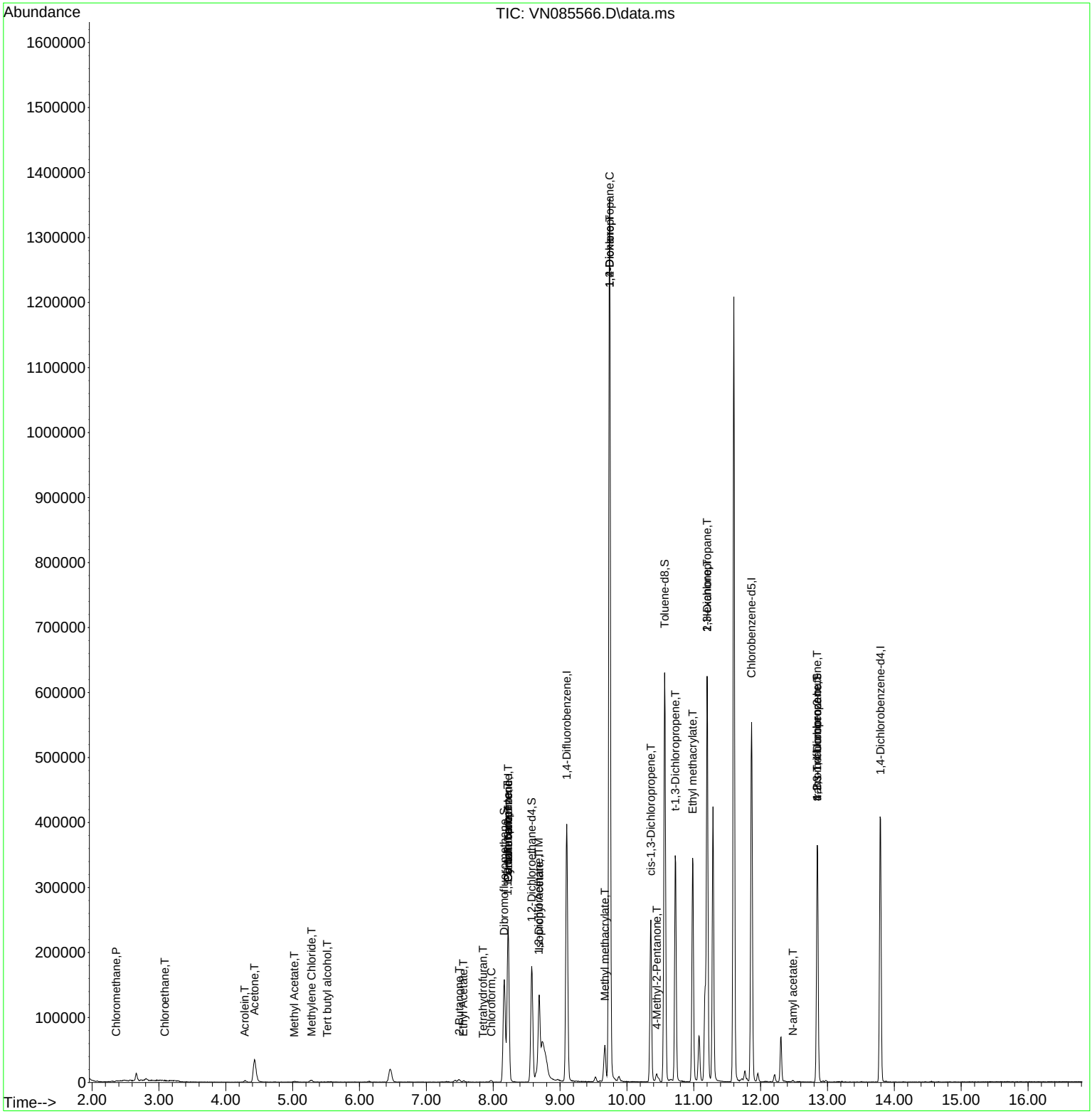
(#) = qualifier out of range (m) = manual integration (+) = signals summed

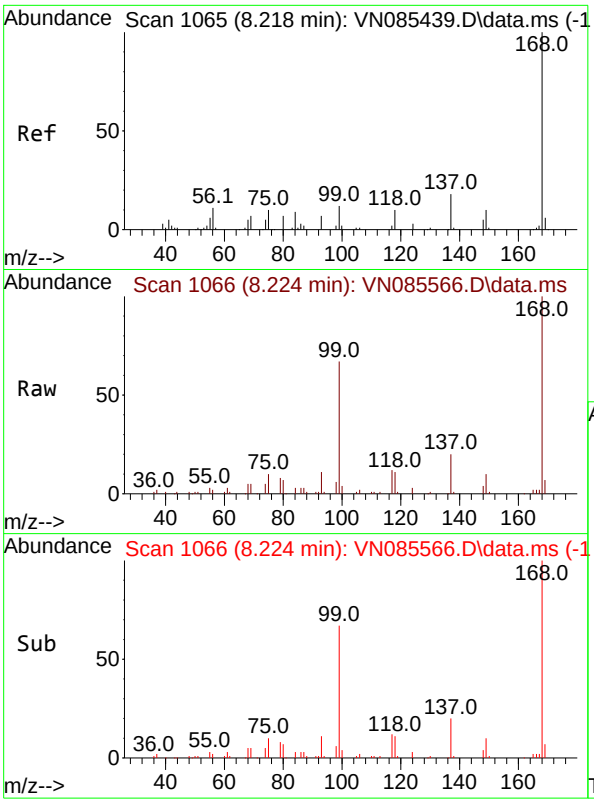
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085566.D
Acq On : 29 Jan 2025 18:42
Operator : JC\MD
Sample : PB166319ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 30 00:40:27 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



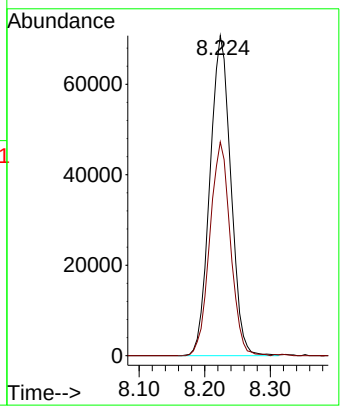


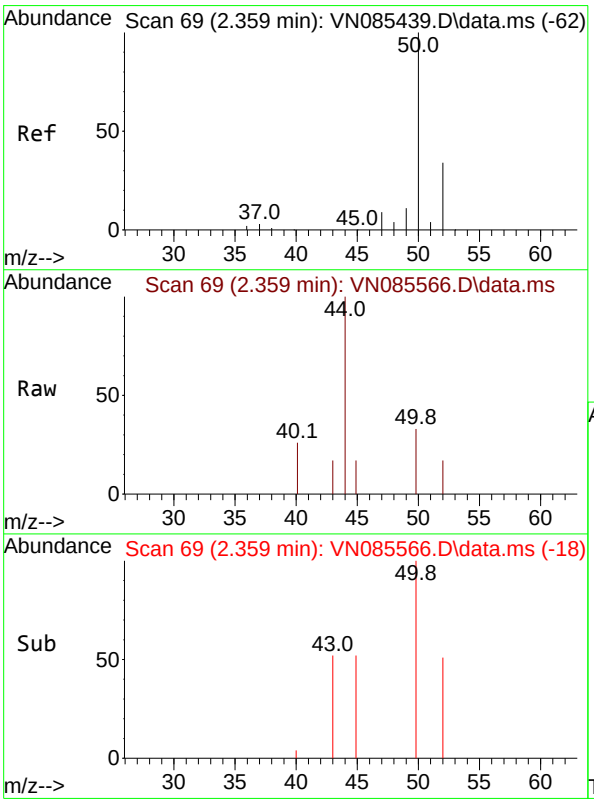
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 156637

Ion	Ratio	Lower	Upper
168	100		
99	66.8	53.6	80.4

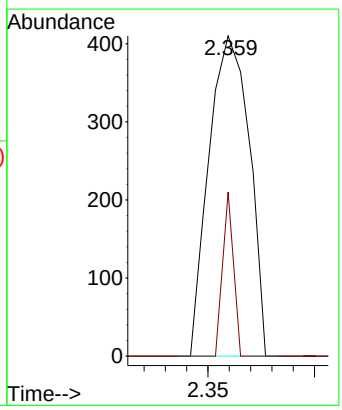


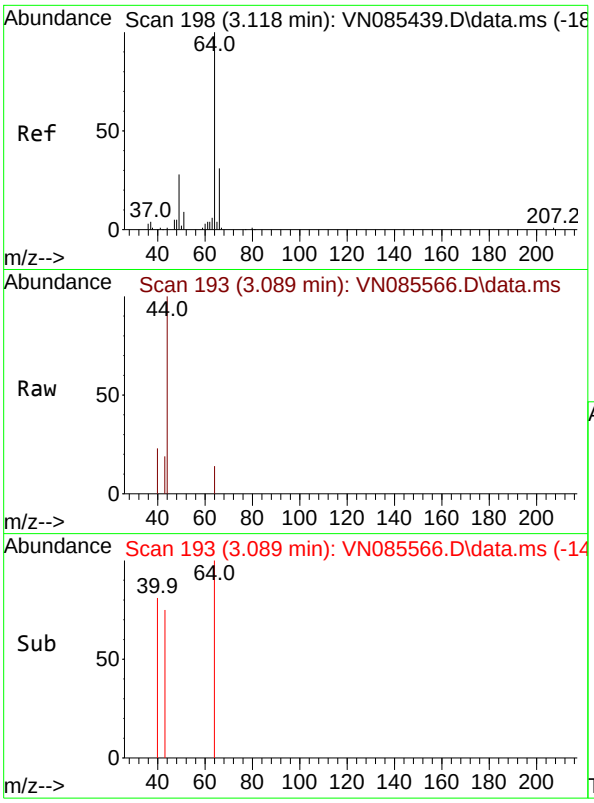


#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 50 Resp: 540

Ion	Ratio	Lower	Upper
50	100		
52	51.2	27.0	40.6#



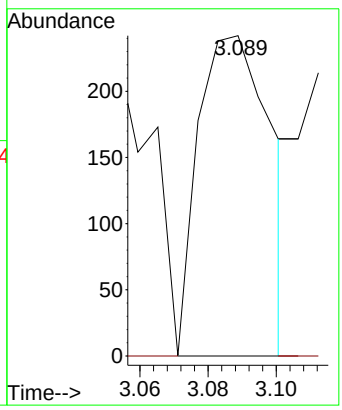


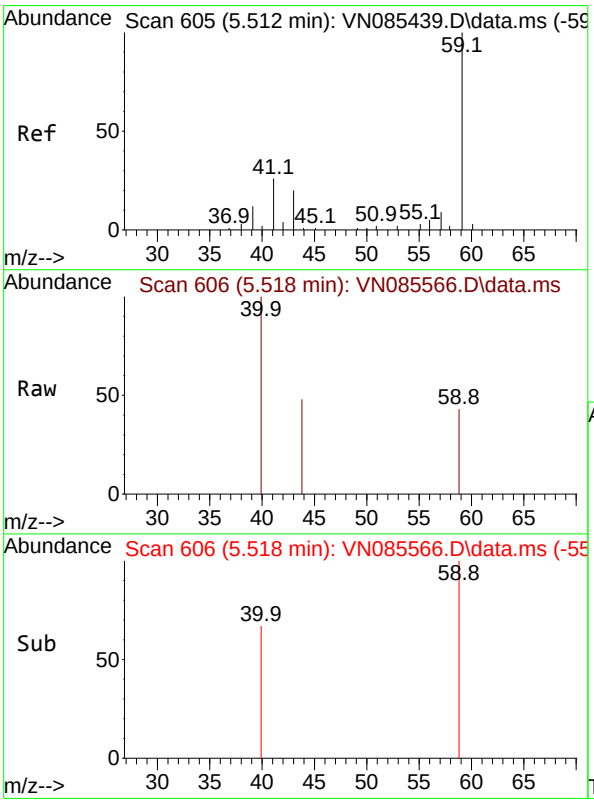
#6
Chloroethane
Concen: 0.245 ug/l
RT: 3.089 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 359

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

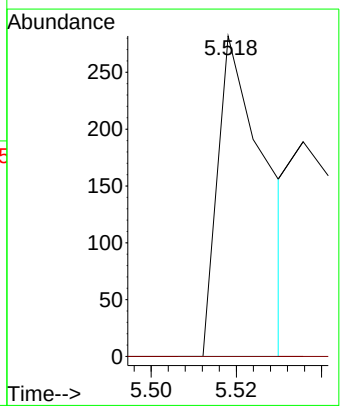


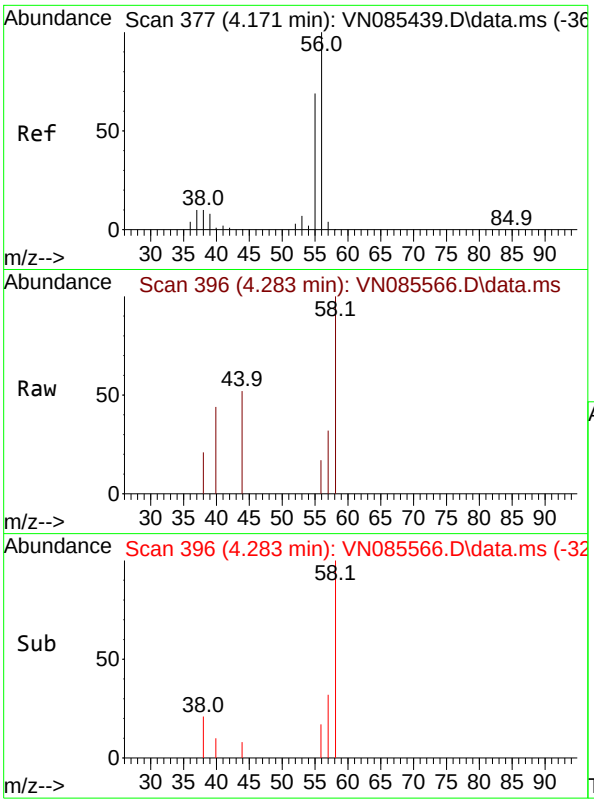


#11
Tert butyl alcohol
Concen: 0.767 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 59 Resp: 222

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



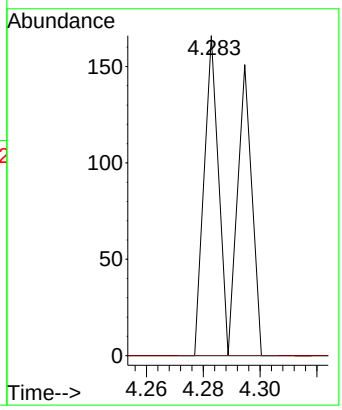


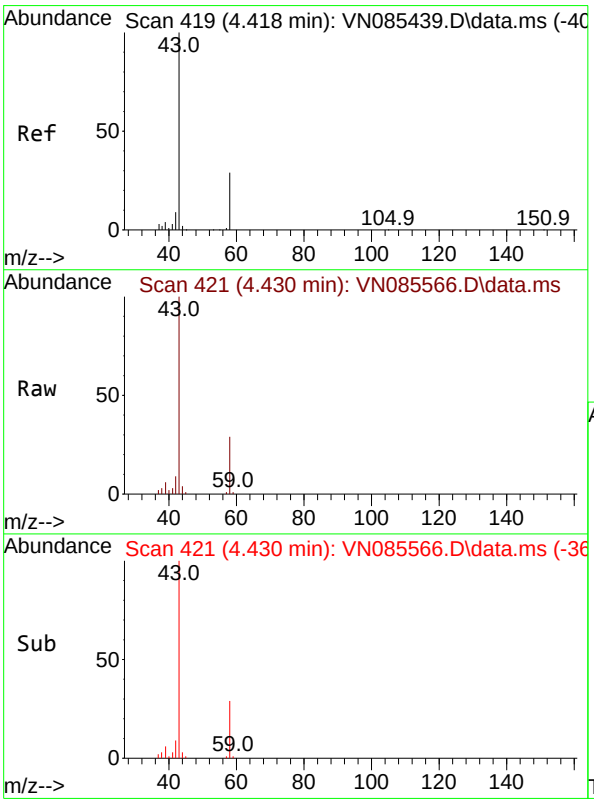
#13
Acrolein
Concen: 0.283 ug/l
RT: 4.283 min Scan# 3
Delta R.T. 0.112 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 112

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.3	84.5#

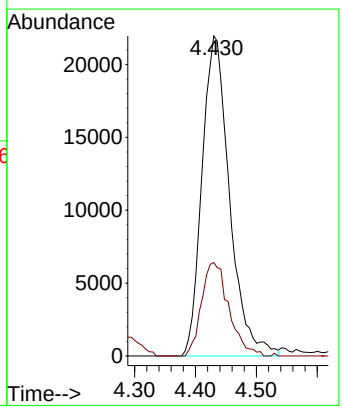


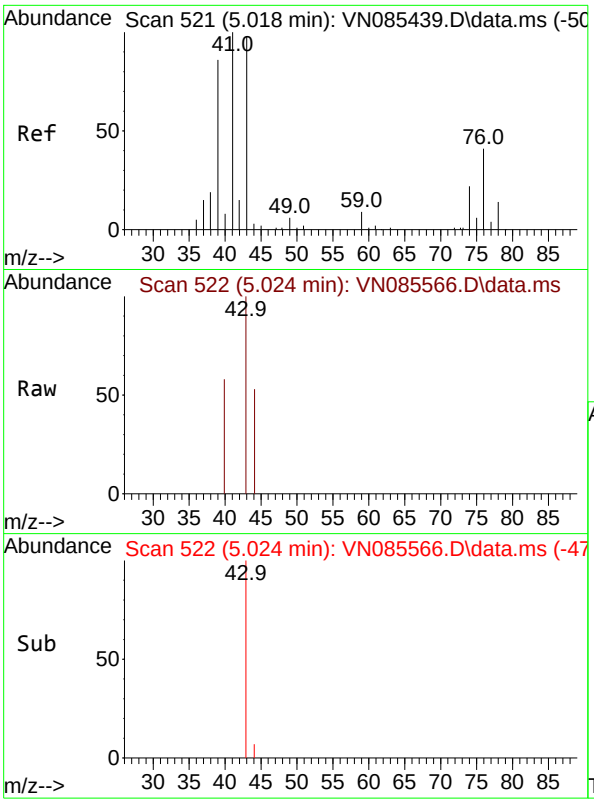


#16
Acetone
Concen: 84.240 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 43 Resp: 68821

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.8	35.6



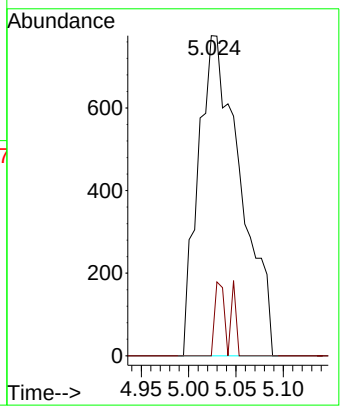


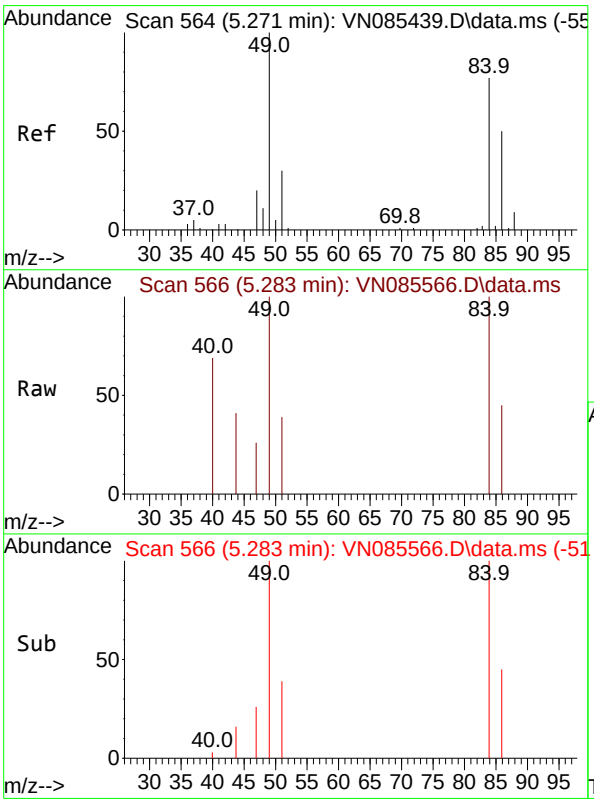
#18
Methyl Acetate
Concen: 0.969 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2407

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

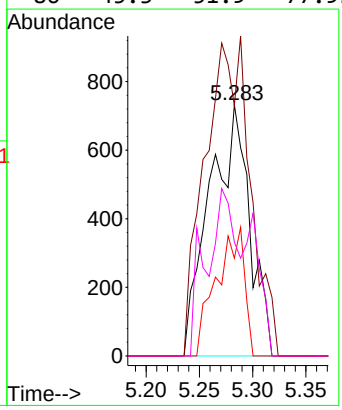


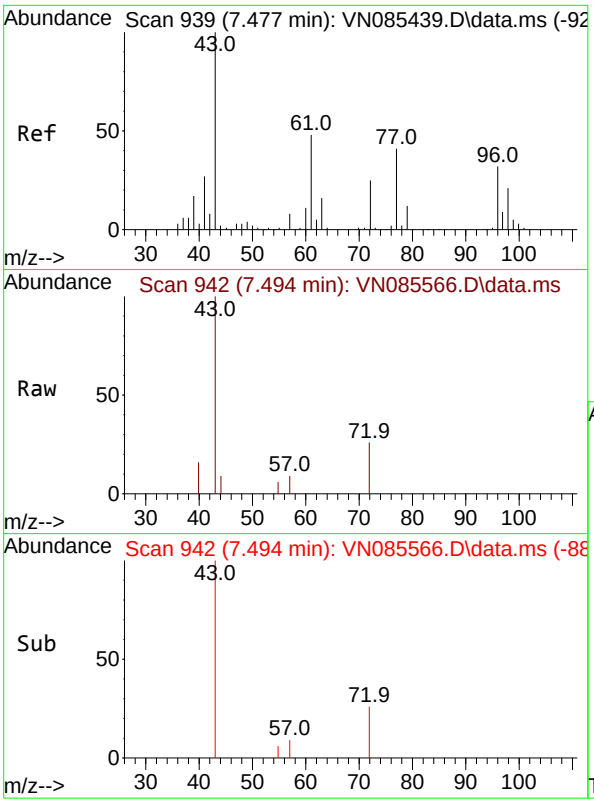


#20
Methylene Chloride
Concen: 0.947 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 84 Resp: 1915

Ion	Ratio	Lower	Upper
84	100		
49	99.6	104.1	156.1#
51	38.9	31.0	46.4
86	45.3	51.9	77.9#



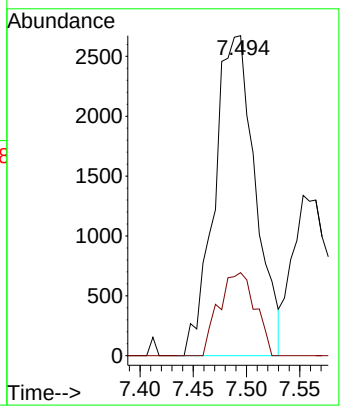


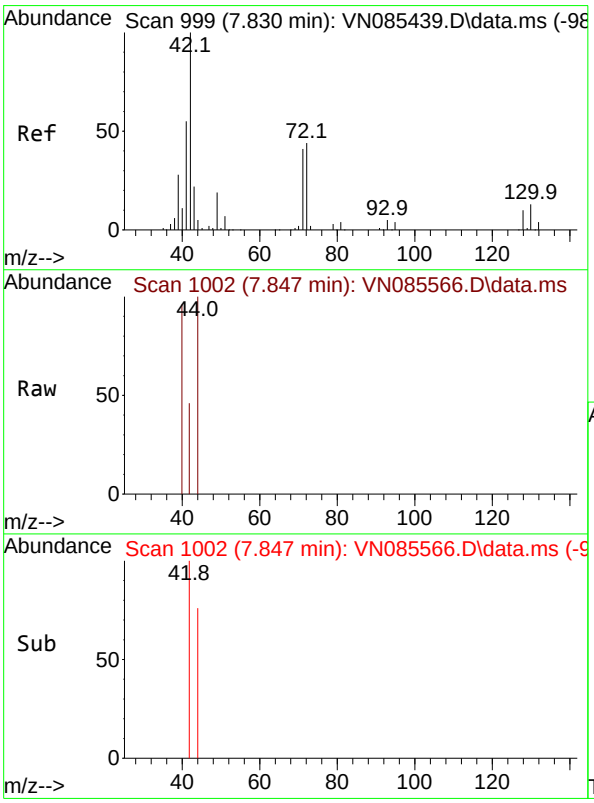
#25
2-Butanone
Concen: 5.948 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7151

Ion	Ratio	Lower	Upper
43	100		
72	26.0	20.2	30.4

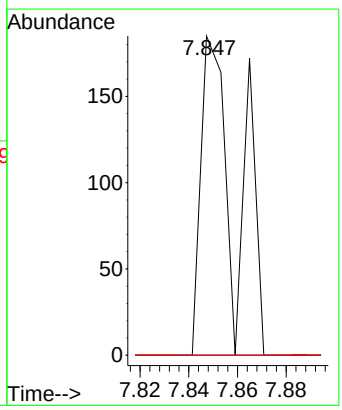


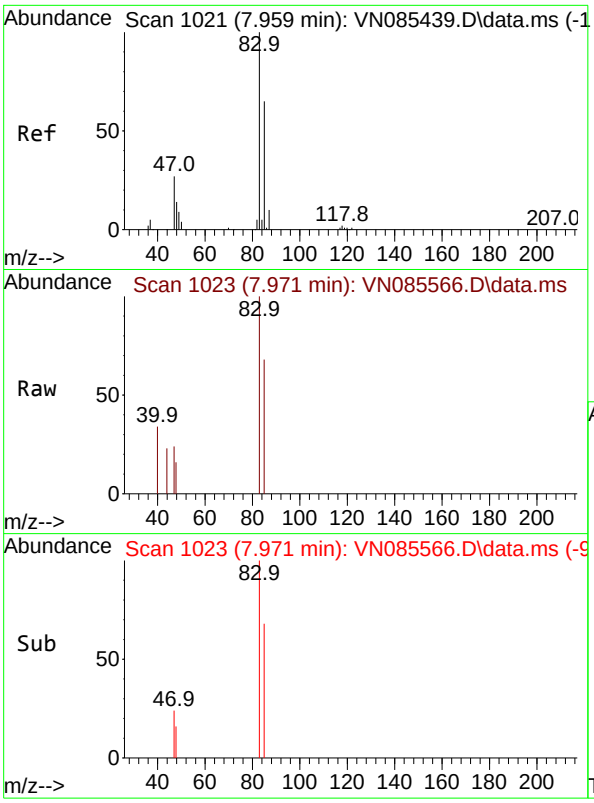


#29
Tetrahydrofuran
Concen: 0.241 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 42 Resp: 184

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



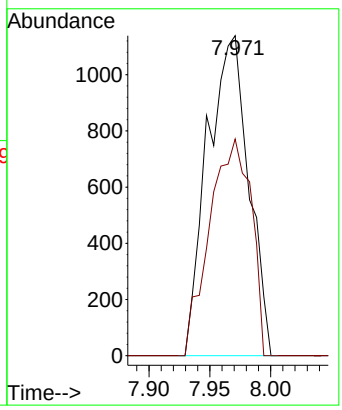


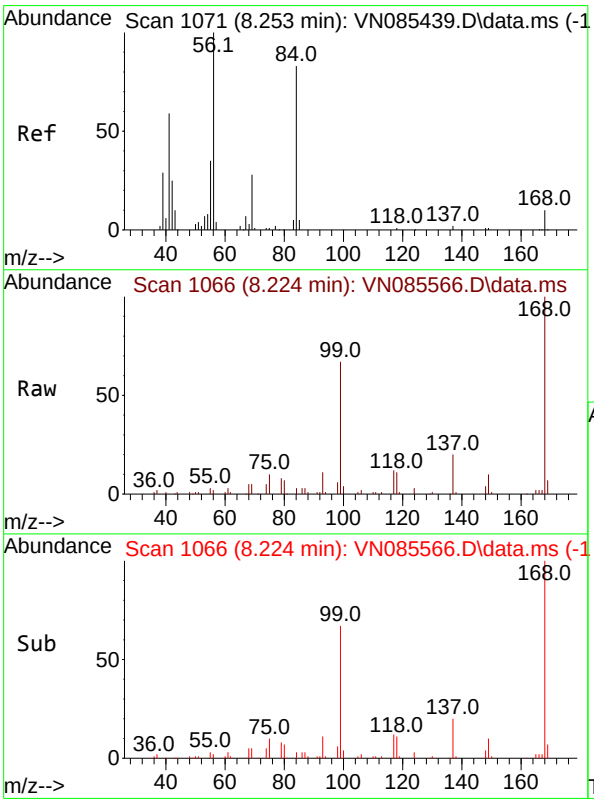
#30
Chloroform
Concen: 0.703 ug/l
RT: 7.971 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 2684

Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.8	77.6

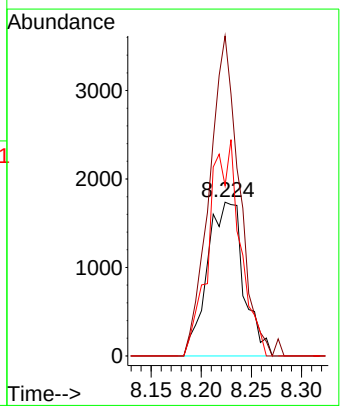


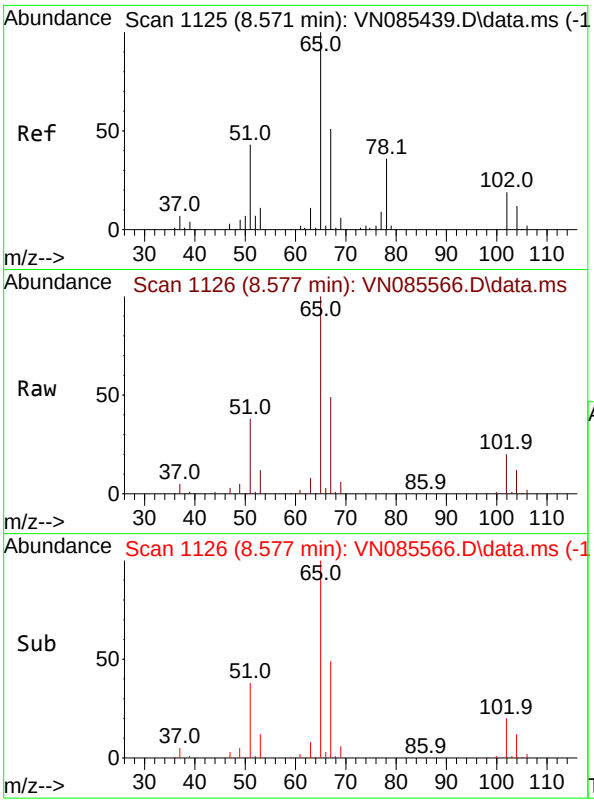


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 56 Resp: 4378

Ion	Ratio	Lower	Upper
56	100		
69	208.1	22.2	33.4#
84	110.7	66.4	99.6#



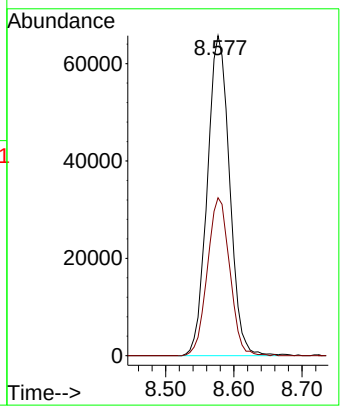


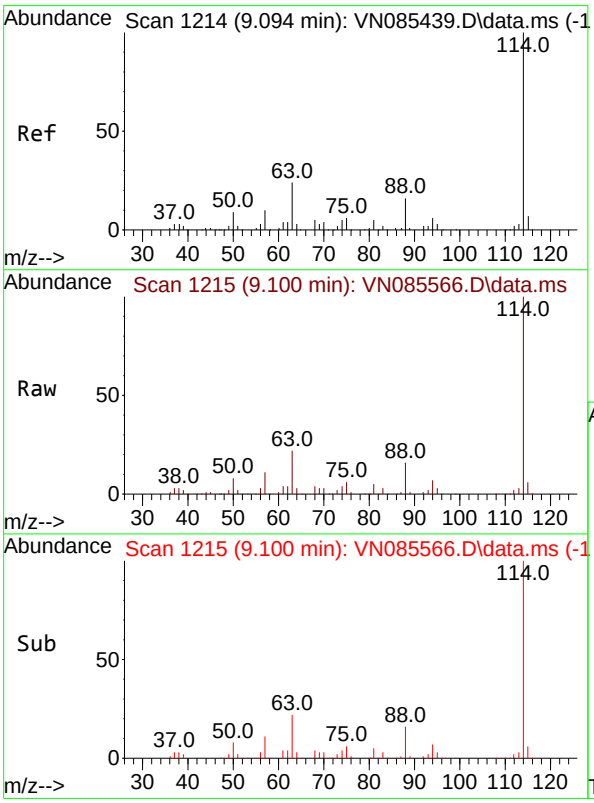
#33
1,2-Dichloroethane-d4
Concen: 59.128 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 149503

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	101.6

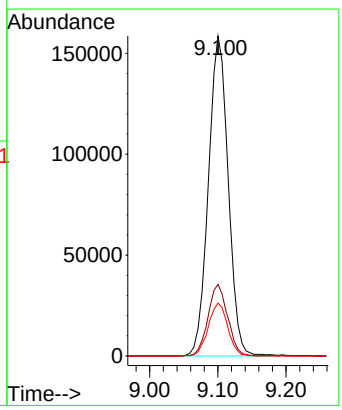


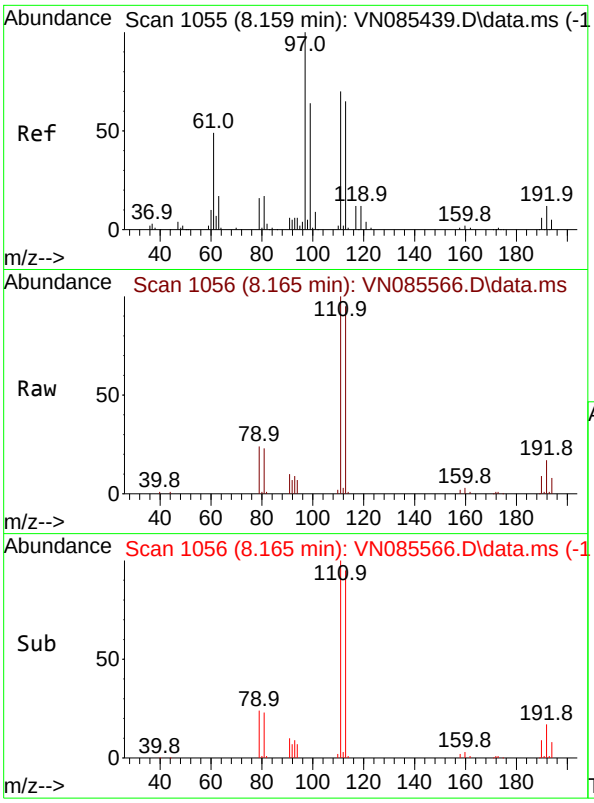


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion:114 Resp: 320698

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.5	0.0	32.6



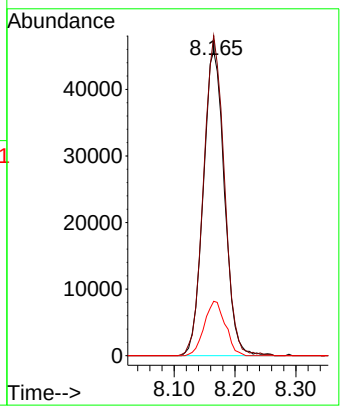


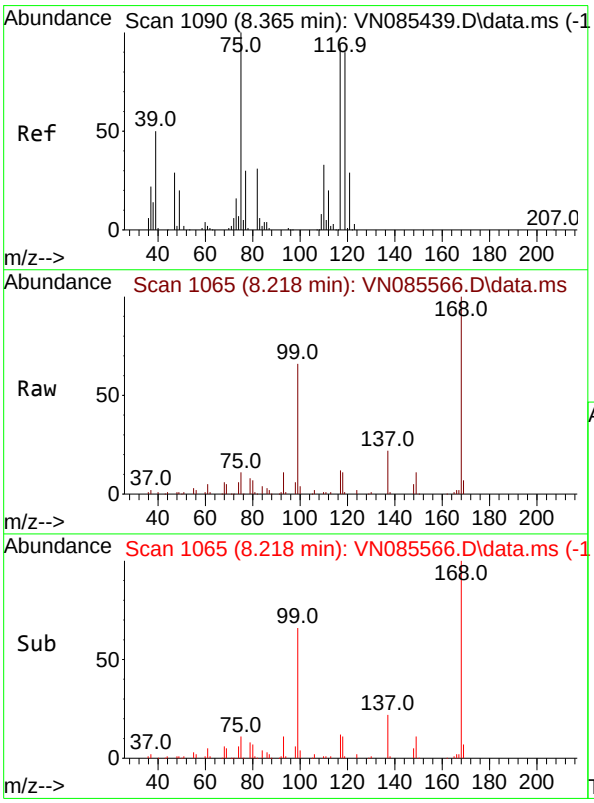
#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 110460

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	17.8	14.3	21.5

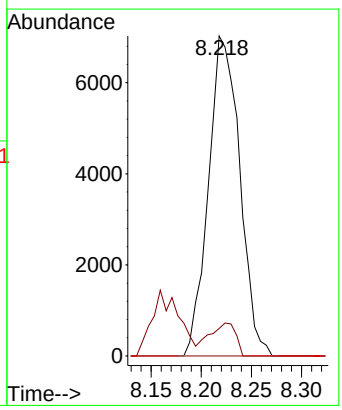


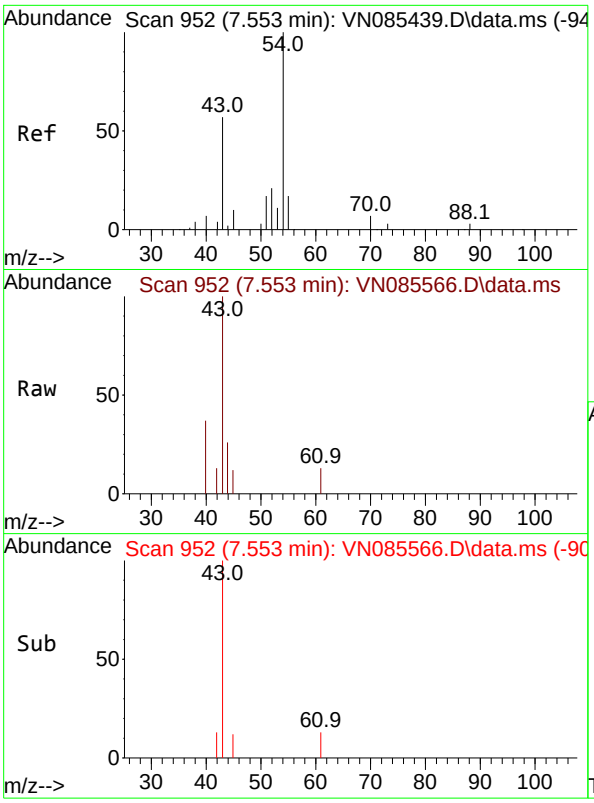


#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 75 Resp: 15265

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.5	49.5#
77	0.0	24.4	36.6#



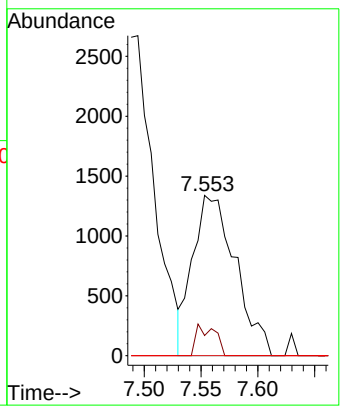


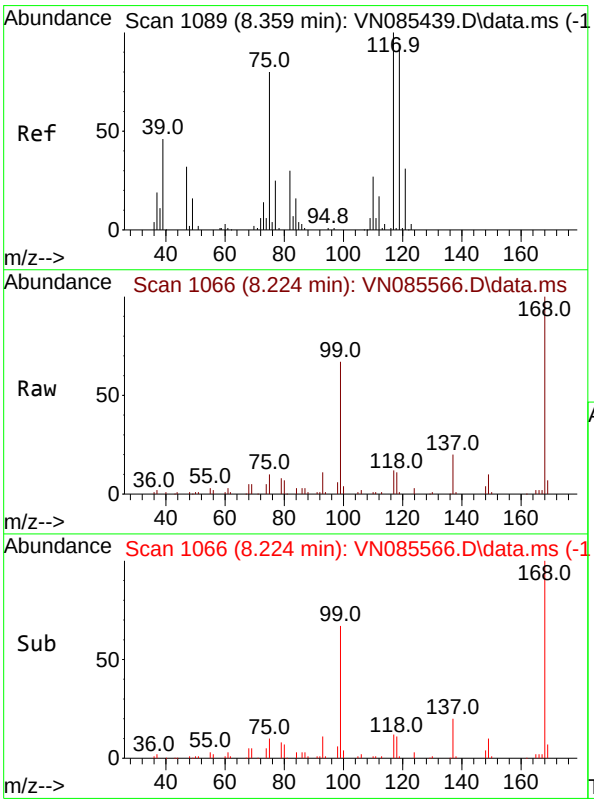
#37
Ethyl Acetate
Concen: 1.113 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3509

Ion	Ratio	Lower	Upper
43	100		
61	8.5	10.9	16.3#
70	0.0	7.5	11.3#

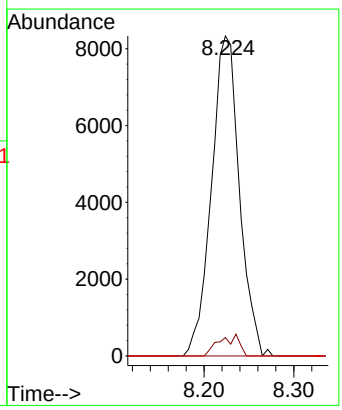


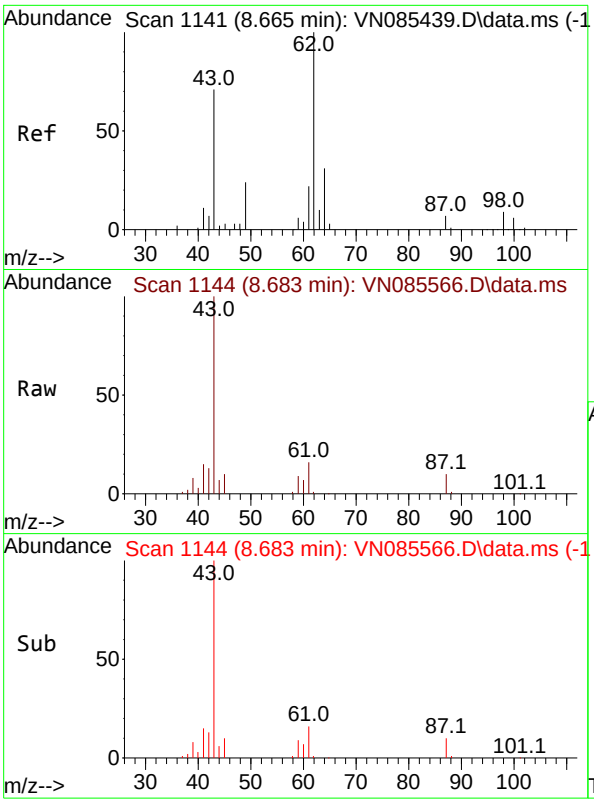


#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion:117 Resp: 18023

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.4	113.2#
121	0.0	24.6	37.0#



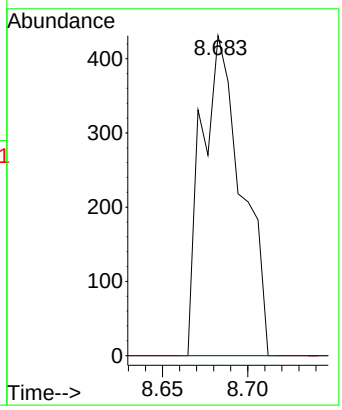


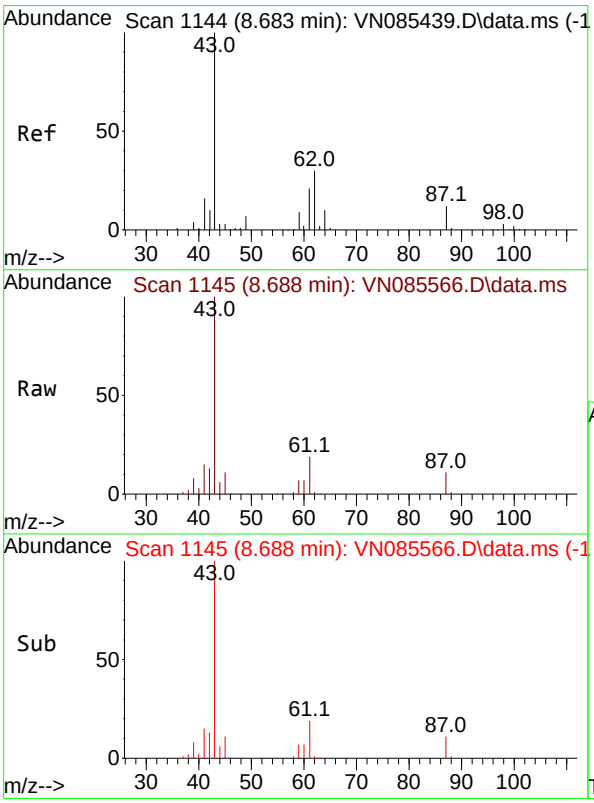
#42
1,2-Dichloroethane
Concen: 0.201 ug/l
RT: 8.683 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 709

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0

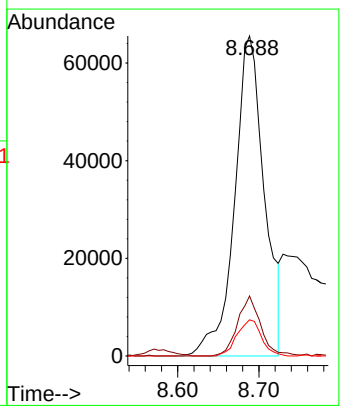


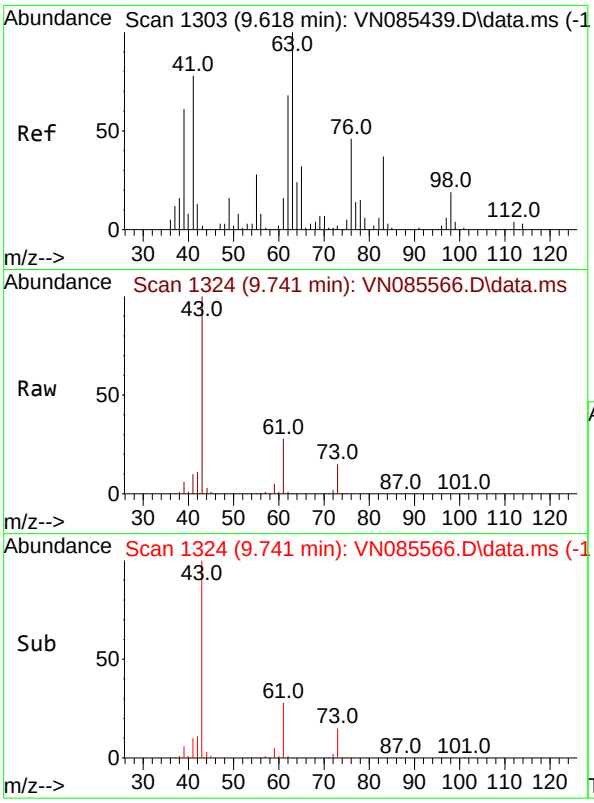


#43
Isopropyl Acetate
Concen: 33.030 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 43 Resp: 166810

Ion	Ratio	Lower	Upper
43	100		
61	14.6	20.7	31.1#
87	9.2	9.8	14.8#



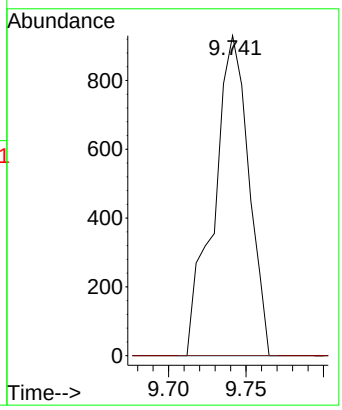


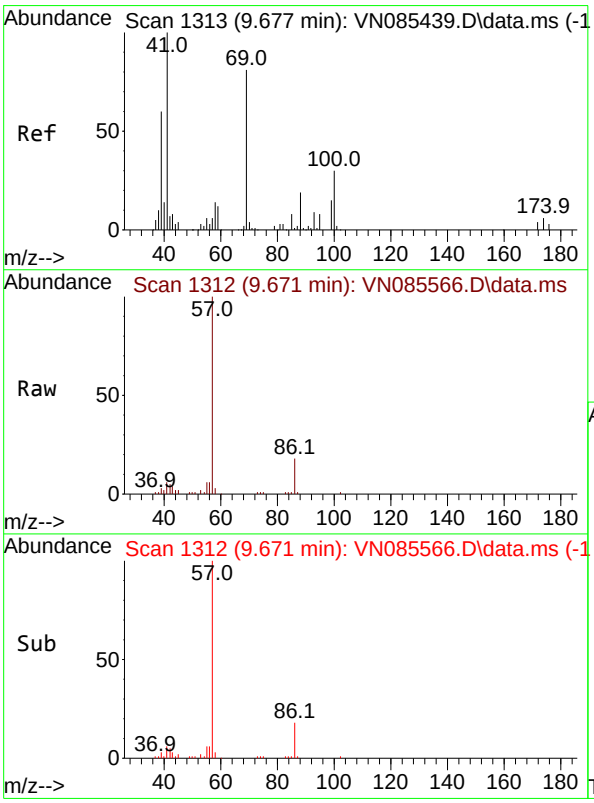
#45
1,2-Dichloropropane
Concen: 0.609 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.124 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1460

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

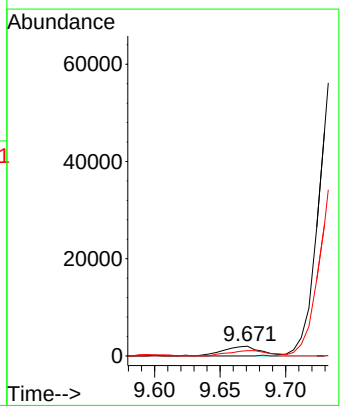


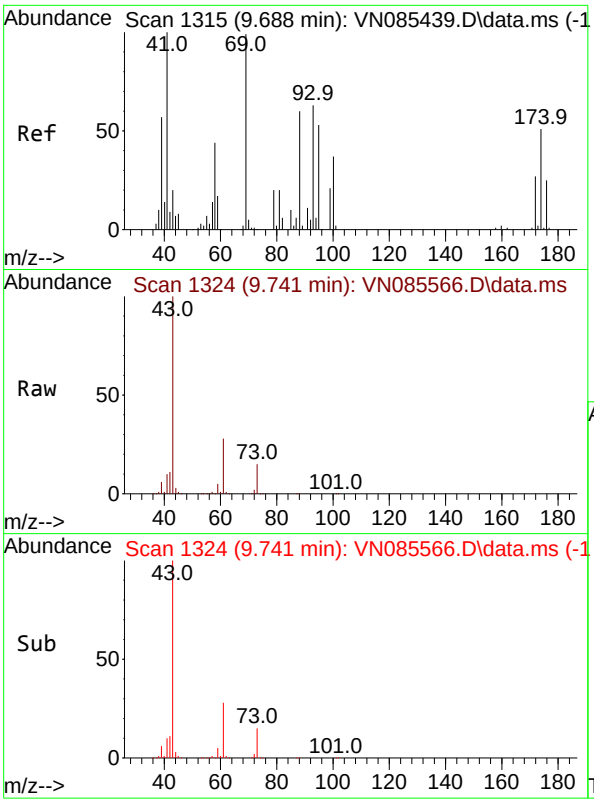


#48
Methyl methacrylate
Concen: 1.743 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 41 Resp: 3961

Ion	Ratio	Lower	Upper
41	100		
69	1.4	64.7	97.1#
39	59.3	49.0	73.6



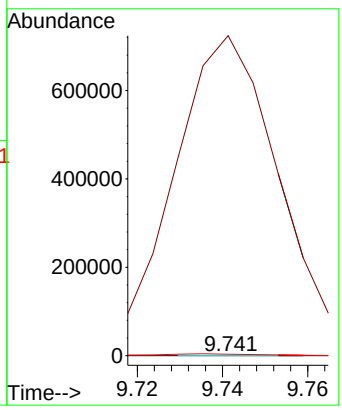


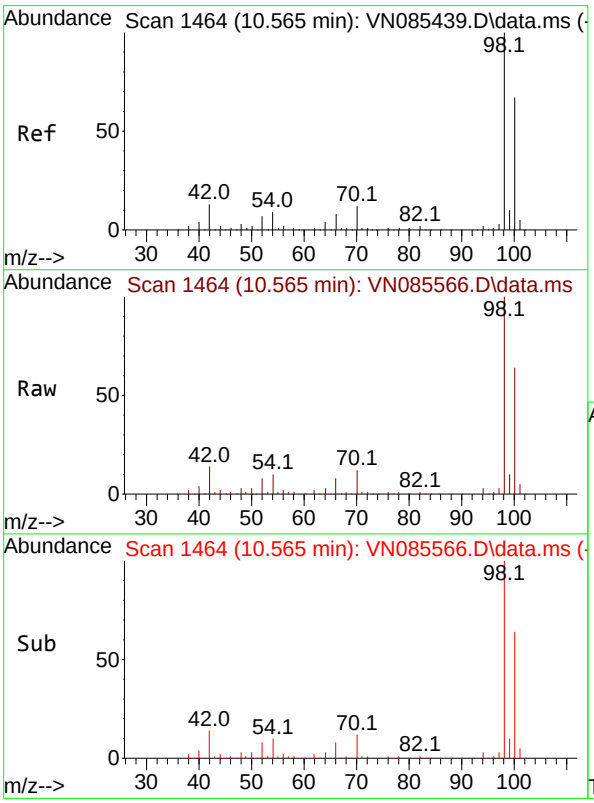
#49
1,4-Dioxane
Concen: 1.698 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	1961800.0	26.6	39.8#
58	11470.8	59.5	89.3#

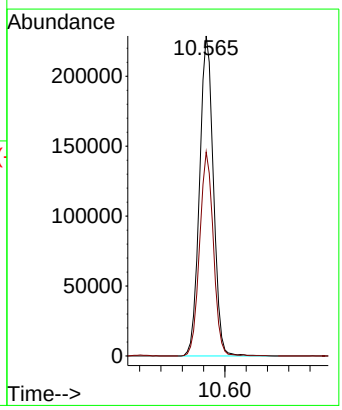


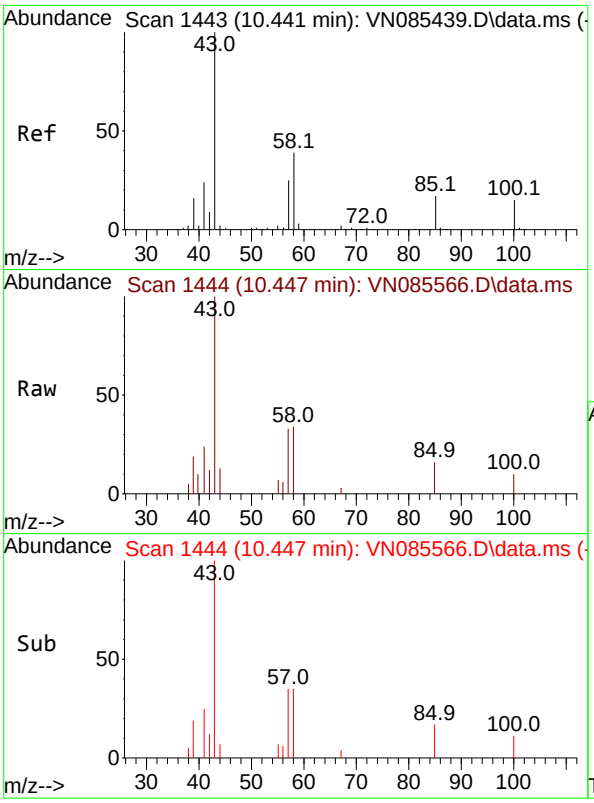


#50
Toluene-d8
Concen: 52.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 98 Resp: 412505

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.4



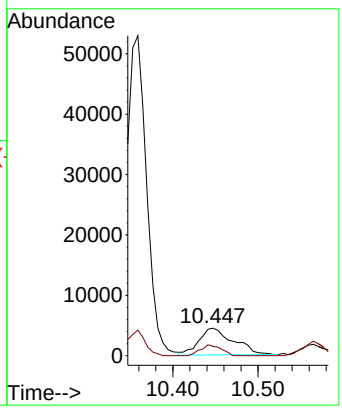


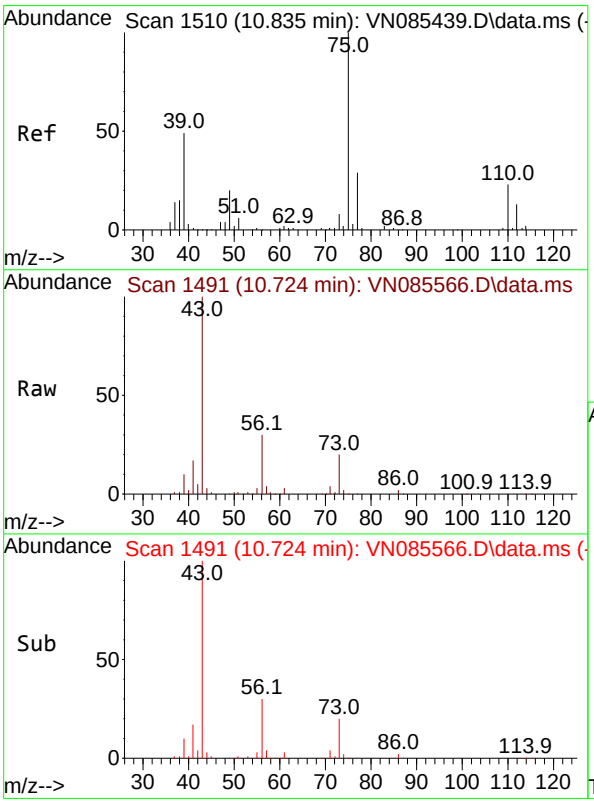
#51
4-Methyl-2-Pentanone
Concen: 4.259 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12480

Ion	Ratio	Lower	Upper
43	100		
58	24.4	30.5	45.7#

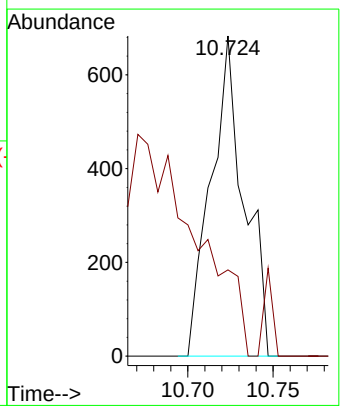


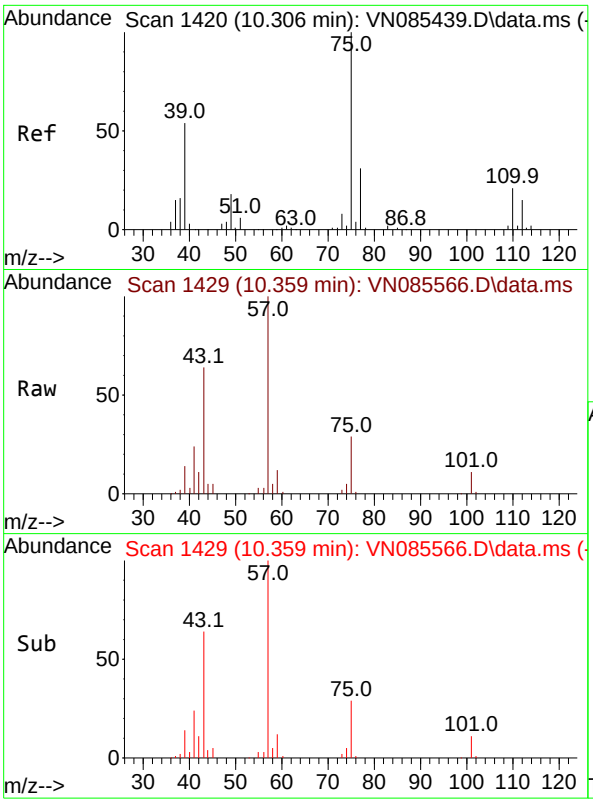


#53
t-1,3-Dichloropropene
Concen: 0.278 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.112 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 75 Resp: 927

Ion	Ratio	Lower	Upper
75	100		
77	26.9	23.5	35.3



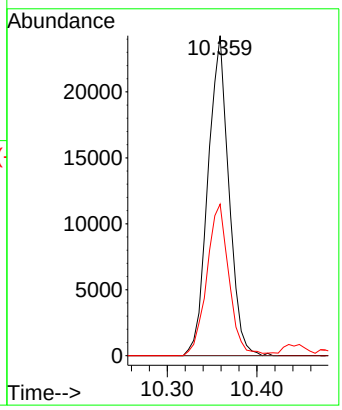


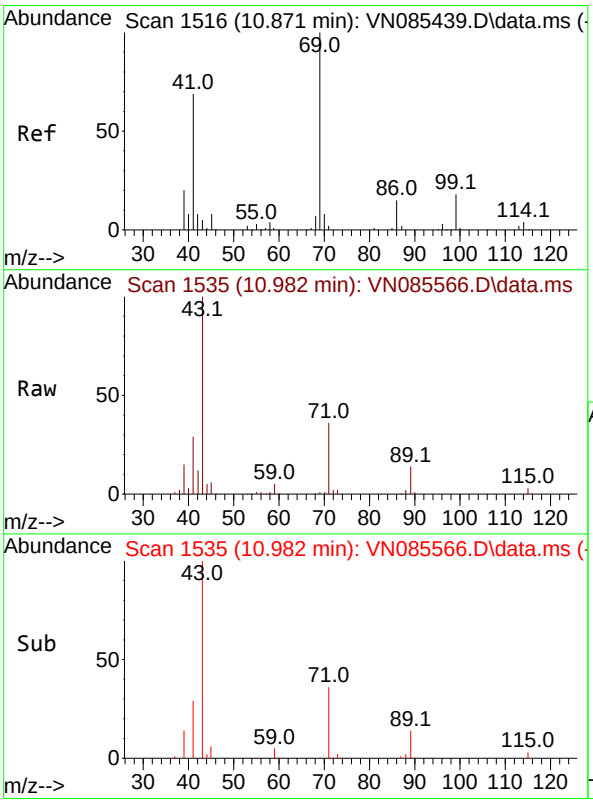
#54
cis-1,3-Dichloropropene
Concen: 11.016 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.053 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 39176

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	47.3	43.1	64.7

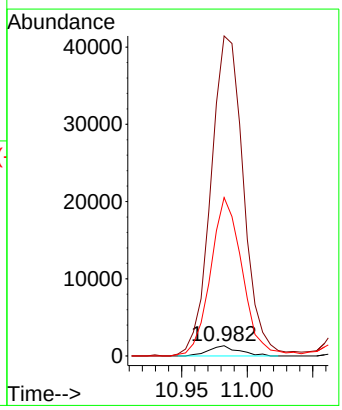


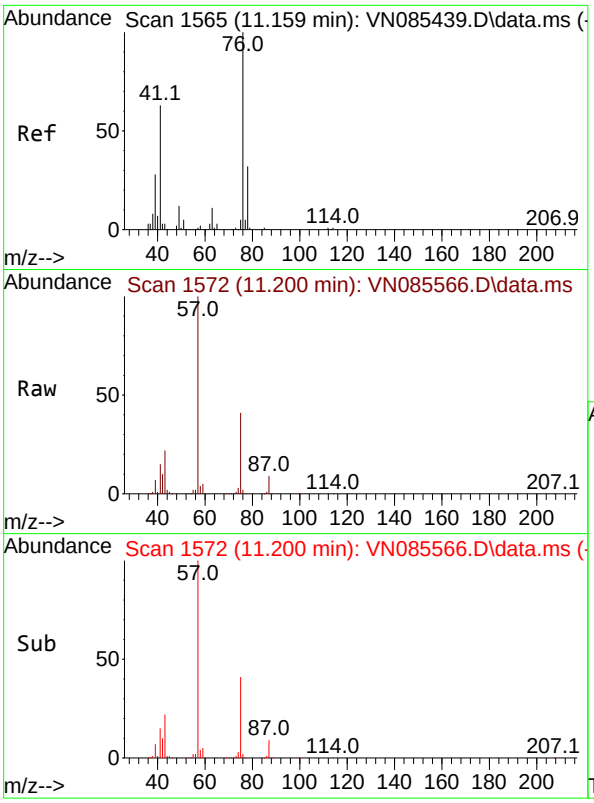


#56
Ethyl methacrylate
Concen: 2.492 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.111 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 69 Resp: 2115

Ion	Ratio	Lower	Upper
69	100		
41	3398.7	54.6	82.0#
39	1640.9	32.4	48.6#



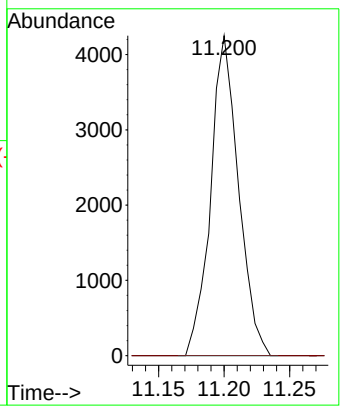


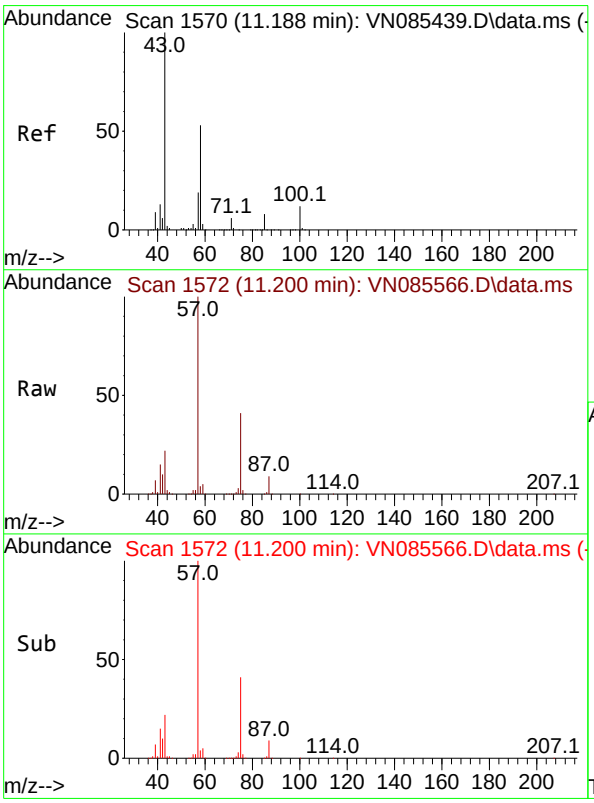
#57
1,3-Dichloropropane
Concen: 1.681 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6287

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

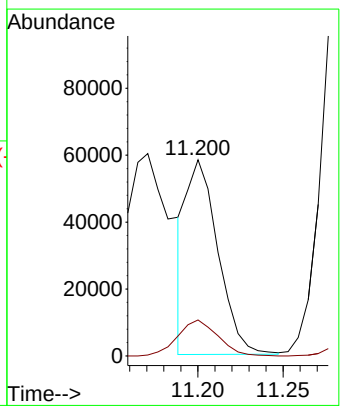


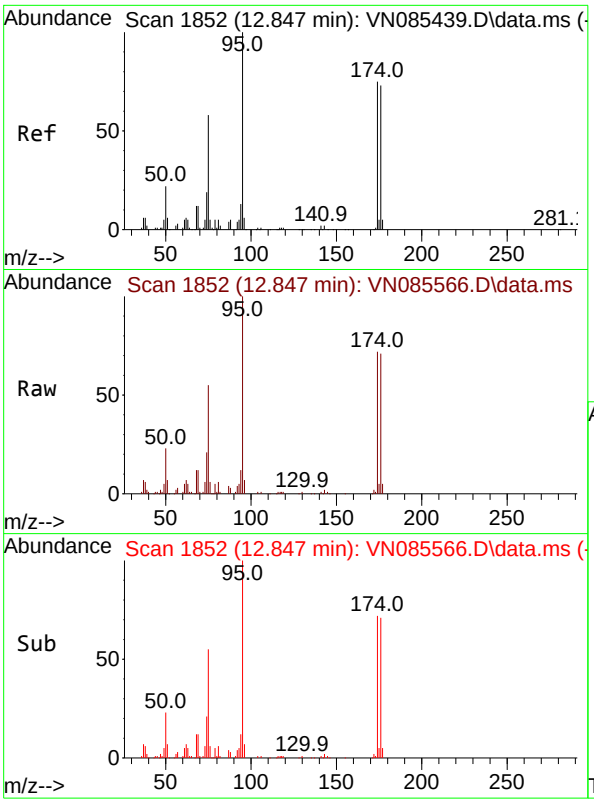


#59
2-Hexanone
Concen: 36.750 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 43 Resp: 75780

Ion	Ratio	Lower	Upper
43	100		
58	23.4	26.2	78.6#



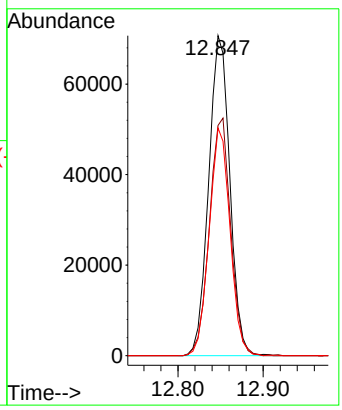


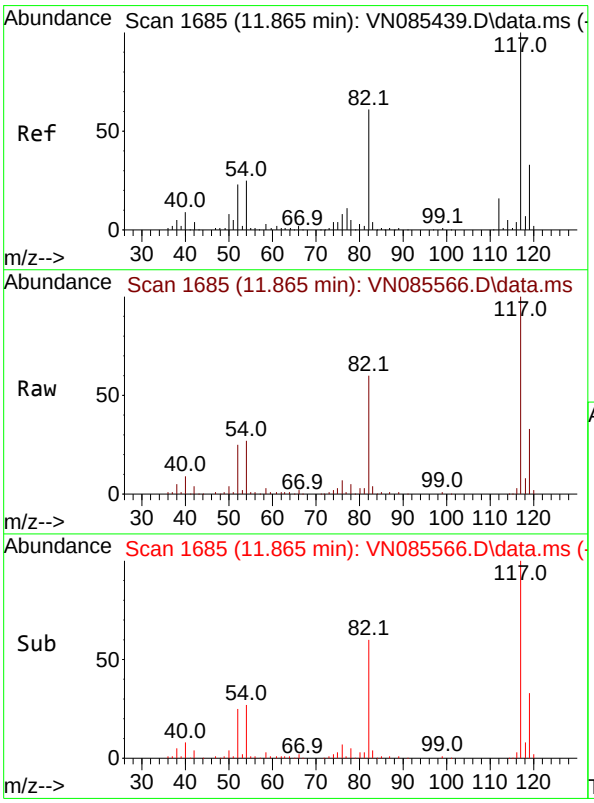
#62
4-Bromofluorobenzene
Concen: 45.017 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 121729

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	145.0
176	70.3	0.0	142.4

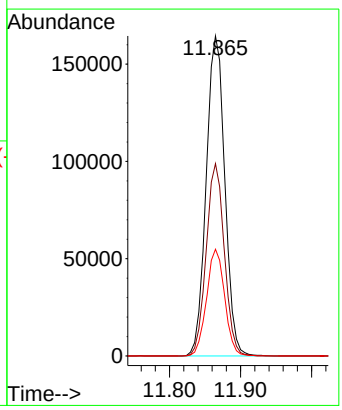


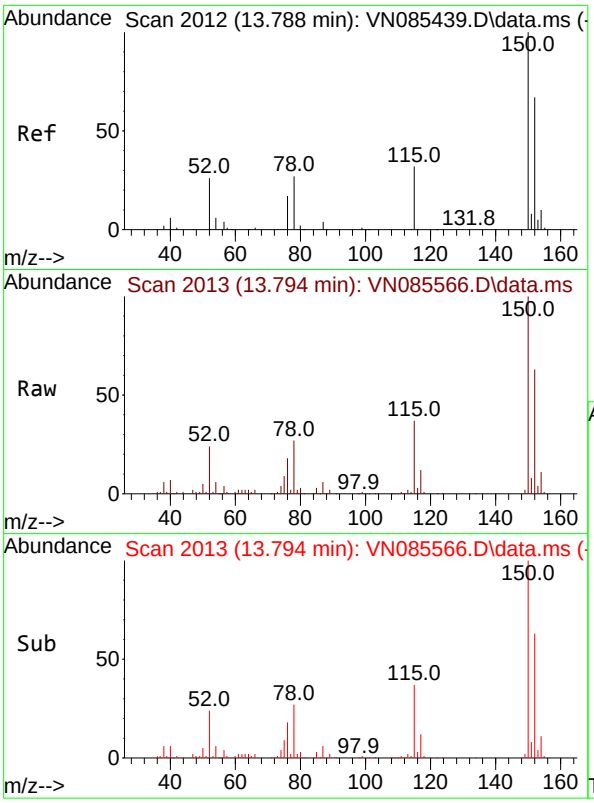


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion:117 Resp: 299378

Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.6	72.8
119	33.4	26.6	39.8



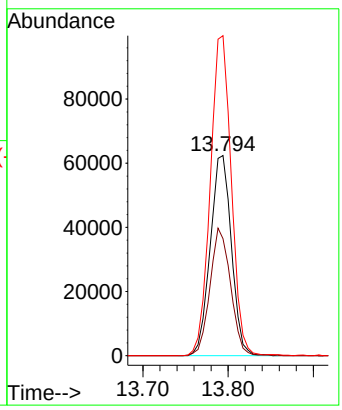


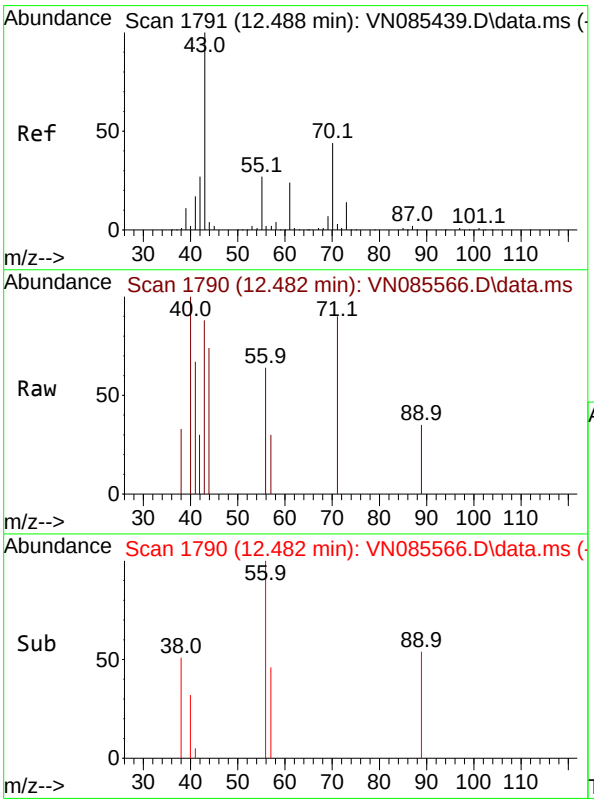
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 107769

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.1	93.3
150	158.8	0.0	343.6

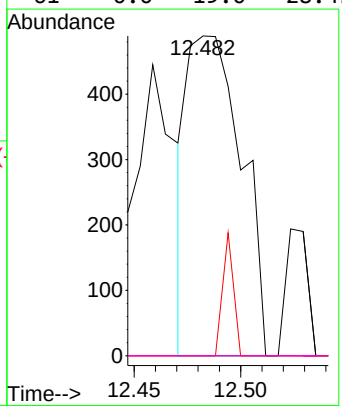


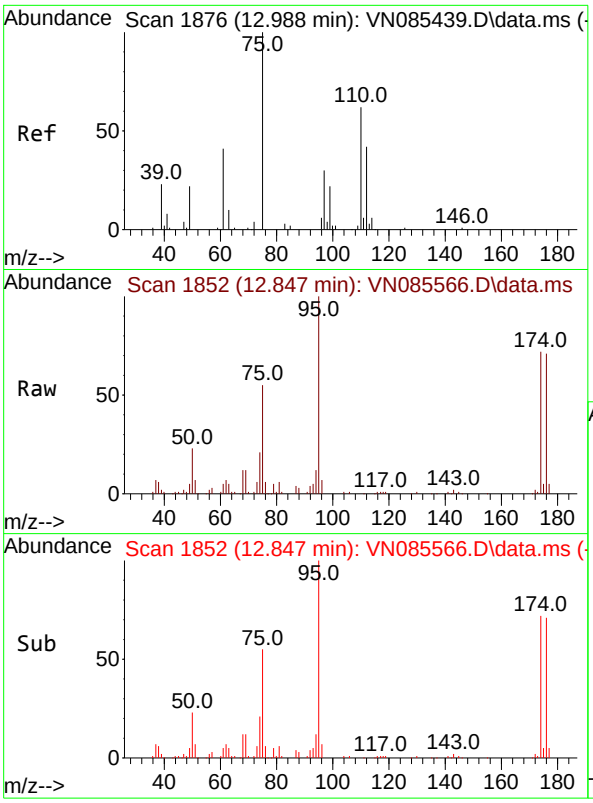


#74
N-amyl acetate
Concen: 0.264 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 43 Resp: 863

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	7.6	21.4	32.2#
61	0.0	19.0	28.4#



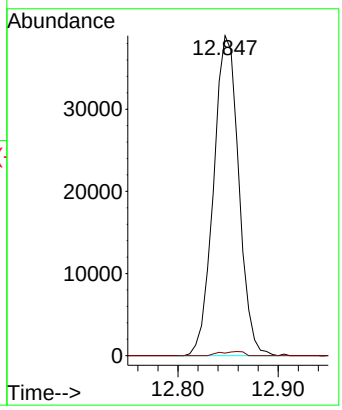


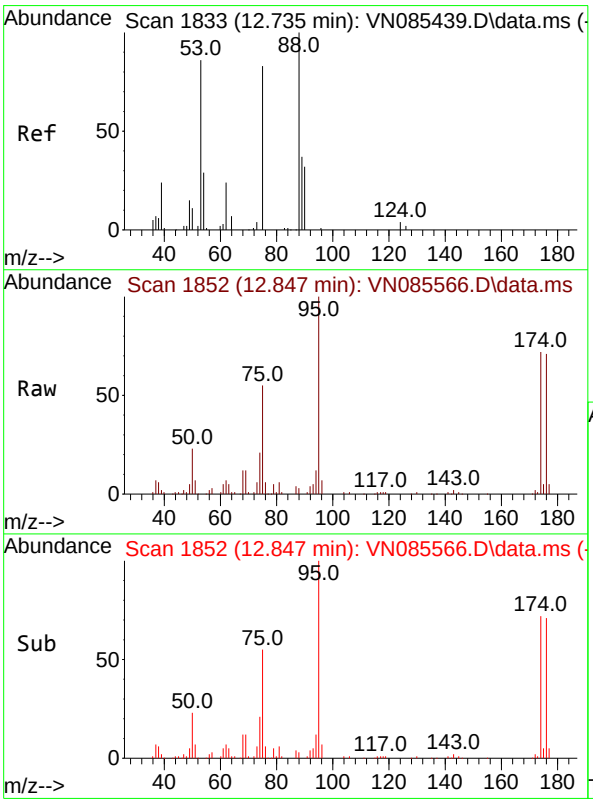
#76
1,2,3-Trichloropropane
Concen: 31.019 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67945

Ion	Ratio	Lower	Upper
75	100		
77	1.2	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.924 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 75 Resp: 67945

Ion	Ratio	Lower	Upper
75	100		
53	0.2	95.6	143.4#
89	0.0	37.0	55.6#