Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085562.D
Acq On : 29 Jan 2025 17:05
Operator : JC\MD
Sample : Q1209-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 30 00:38:36 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	164620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152478	57.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.760%			
35) Dibromofluoromethane	8.165	113	113204	50.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	10.565	98	422385	53.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.847	95	121611	44.868	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	102	0.335	ug/l #	71
16) Acetone	4.430	43	73157	85.205	ug/l	93
18) Methyl Acetate	5.030	43	2939	1.126	ug/l #	66
20) Methylene Chloride	5.271	84	932	0.438	ug/l #	96
25) 2-Butanone	7.489	43	7124	5.638	ug/l	100
29) Tetrahydrofuran	7.841	42	196	0.245	ug/l #	61
30) Chloroform	7.971	83	1281	0.319	ug/l	96
31) Cyclohexane	8.224	56	4776	1.416	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	15507	4.955	ug/l #	50
37) Ethyl Acetate	7.565	43	3325	1.053	ug/l #	72
38) Carbon Tetrachloride	8.224	117	17925	5.003	ug/l #	19
43) Isopropyl Acetate	8.688	43	125912	24.874	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	1351	0.562	ug/l #	43
48) Methyl methacrylate	9.665	41	3360	1.475	ug/l #	48
49) 1,4-Dioxane	9.735	88	92	2.398	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	11884	4.046	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	35058	9.835	ug/l #	74
56) Ethyl methacrylate	10.988	69	1917	2.438	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4843	1.292	ug/l #	43
59) 2-Hexanone	11.200	43	66596	32.221	ug/l #	58
71) Bromoform	12.841	173	843	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71303	32.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71303	88.540	ug/l #	3

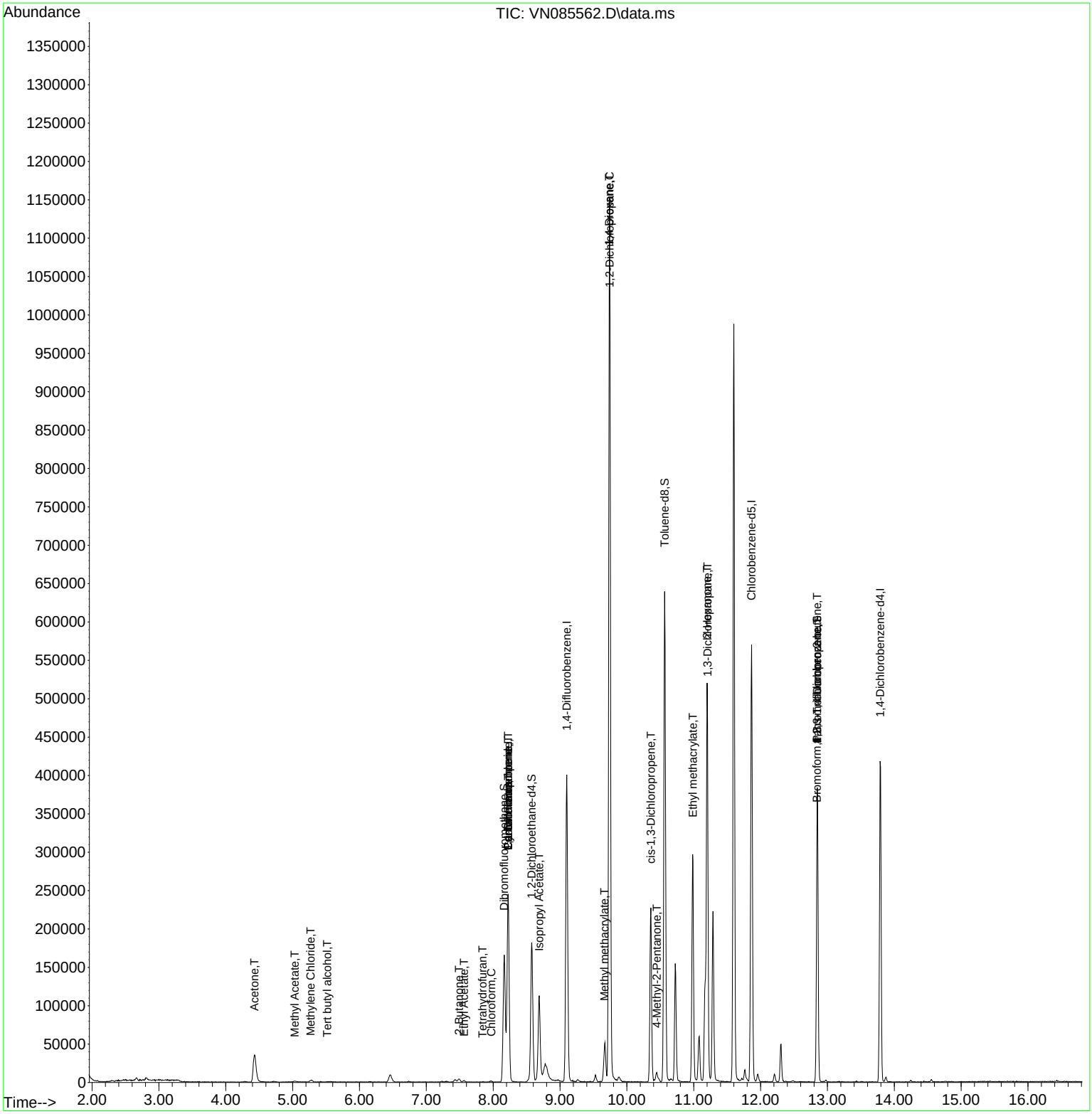
(#) = qualifier out of range (m) = manual integration (+) = signals summed

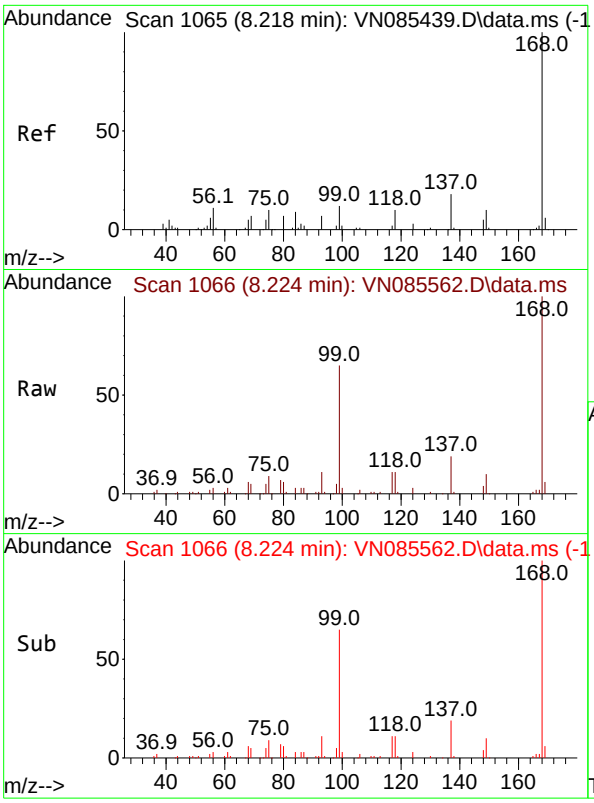
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085562.D
Acq On : 29 Jan 2025 17:05
Operator : JC\MD
Sample : Q1209-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 30 00:38:36 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



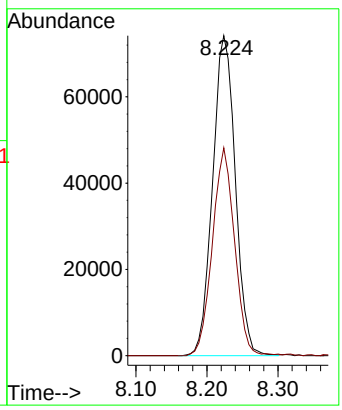


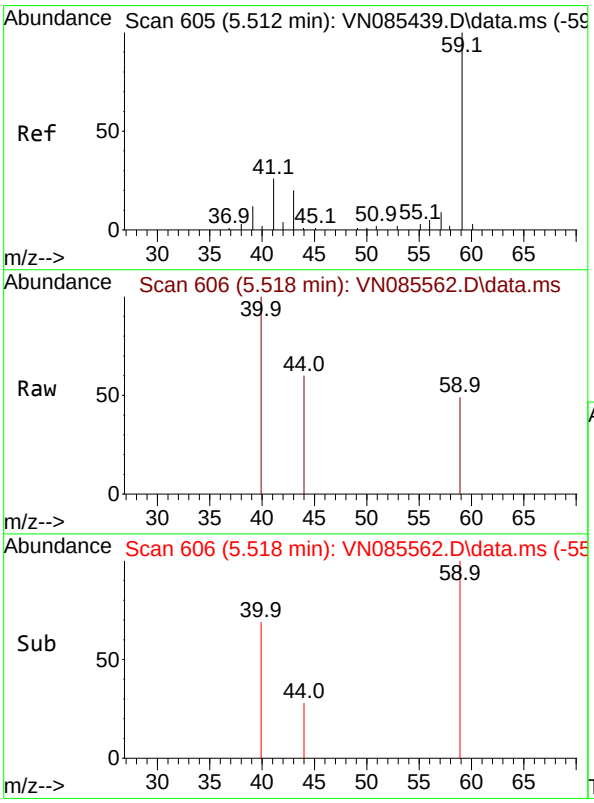
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 164620

Ion	Ratio	Lower	Upper
168	100		
99	65.0	53.6	80.4

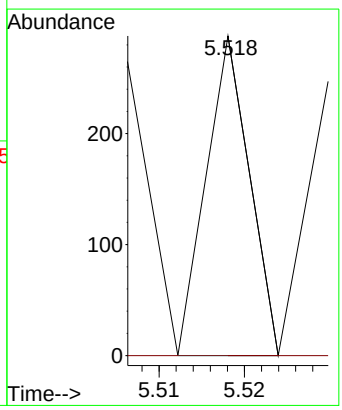


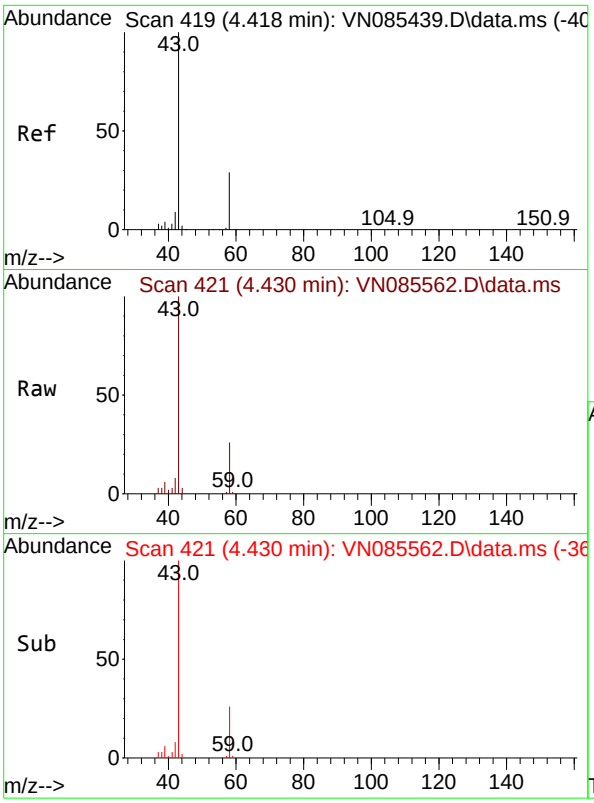


#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 59 Resp: 102

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



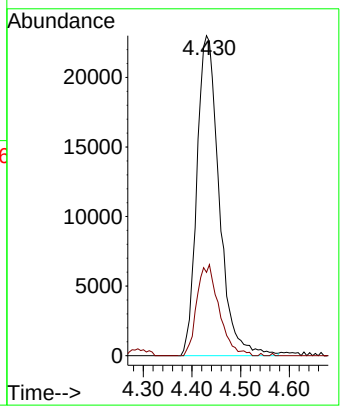


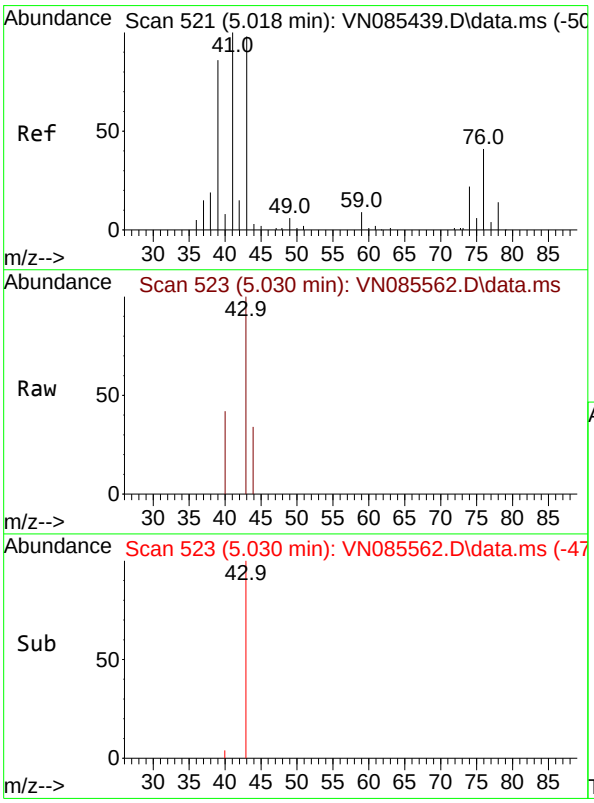
#16
Acetone
Concen: 85.205 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 73157

Ion	Ratio	Lower	Upper
43	100		
58	26.1	23.8	35.6

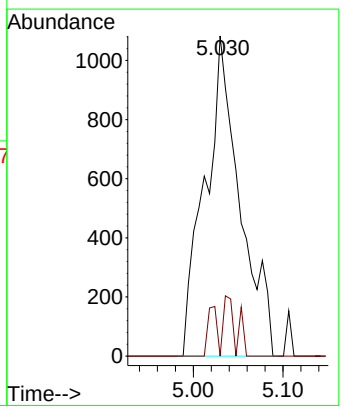


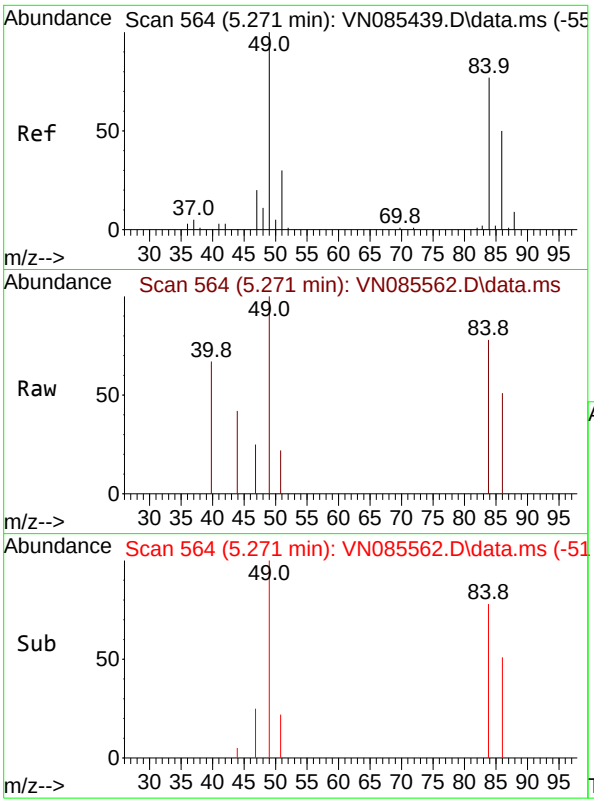


#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 43 Resp: 2939

Ion	Ratio	Lower	Upper
43	100		
74	6.8	18.6	28.0#



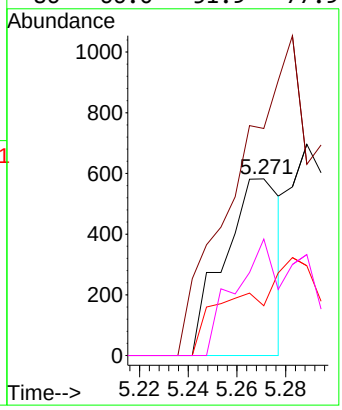


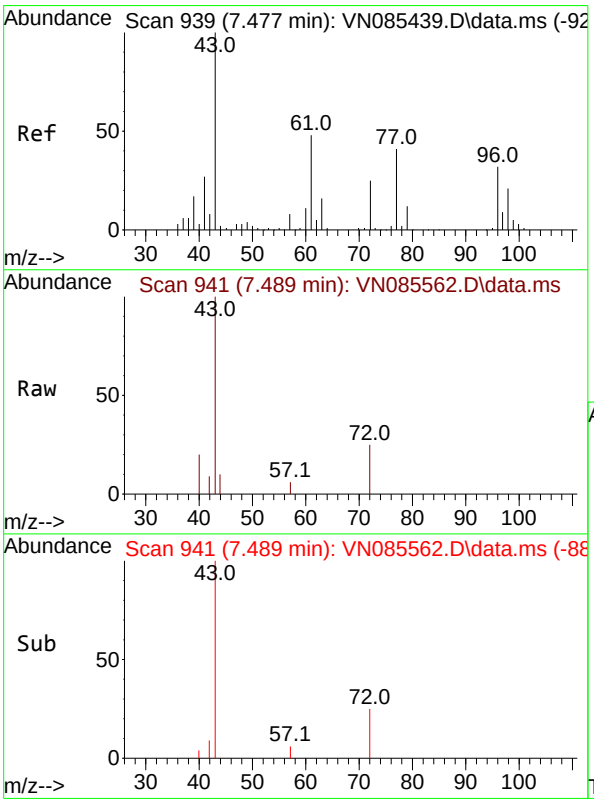
#20
Methylene Chloride
Concen: 0.438 ug/l
RT: 5.271 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 932

Ion	Ratio	Lower	Upper
84	100		
49	128.5	104.1	156.1
51	28.2	31.0	46.4#
86	66.0	51.9	77.9

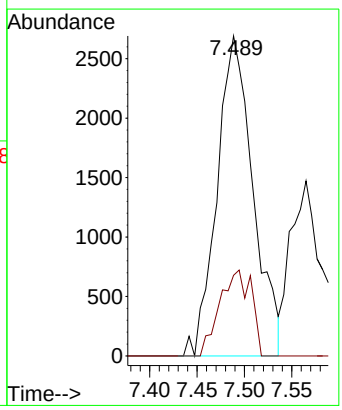


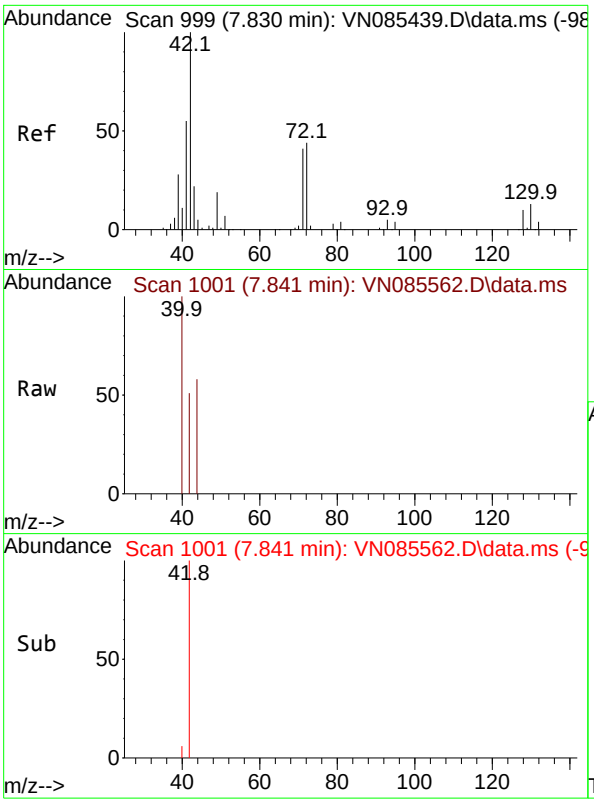


#25
2-Butanone
Concen: 5.638 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 43 Resp: 7124

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.2	30.4



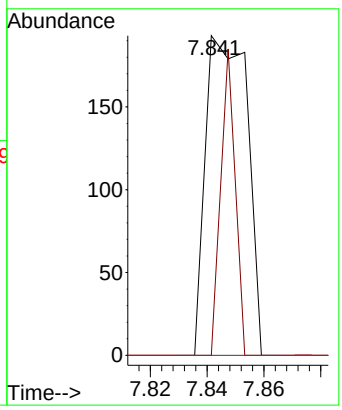


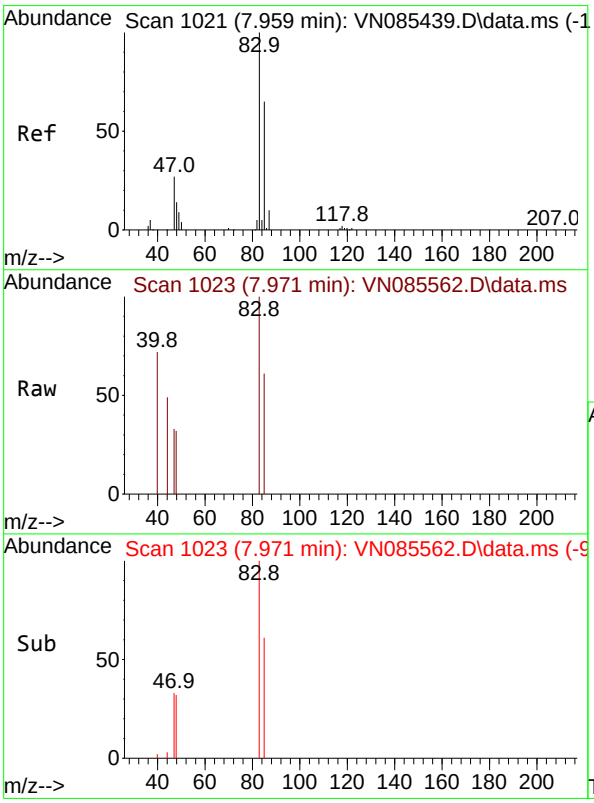
#29
Tetrahydrofuran
Concen: 0.245 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 196

Ion	Ratio	Lower	Upper
42	100		
72	33.2	34.2	51.2#
71	0.0	32.5	48.7#

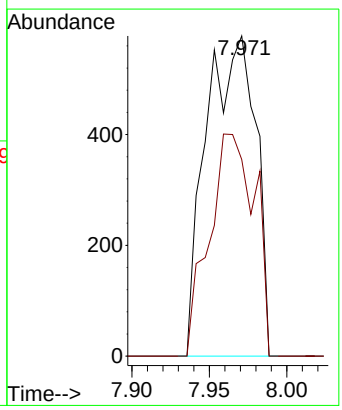


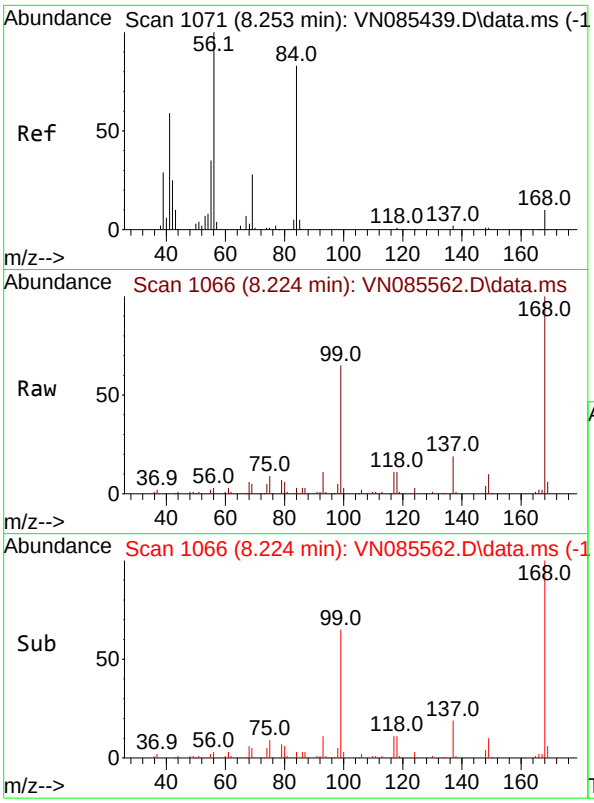


#30
Chloroform
Concen: 0.319 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 83 Resp: 1281

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6



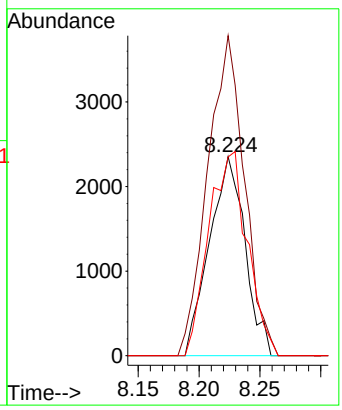


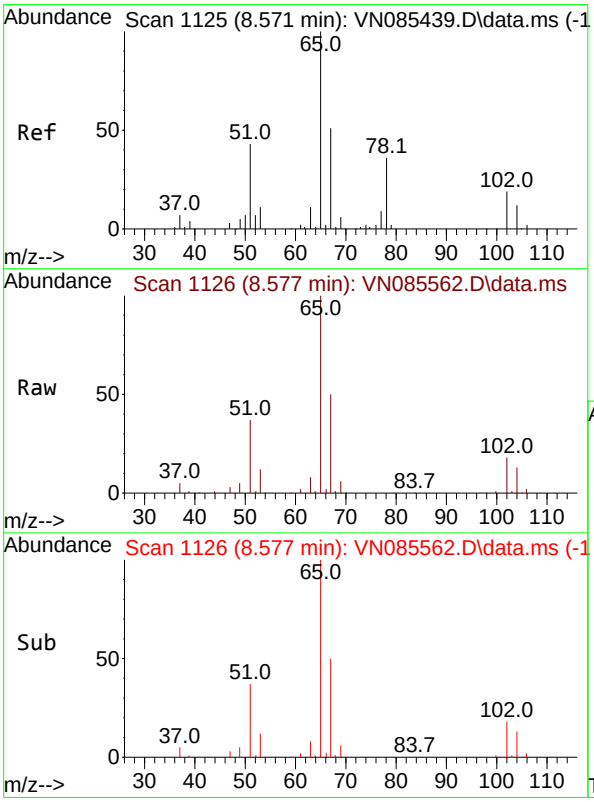
#31
Cyclohexane
Concen: 1.416 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4776

Ion	Ratio	Lower	Upper
56	100		
69	160.7	22.2	33.4#
84	99.8	66.4	99.6#

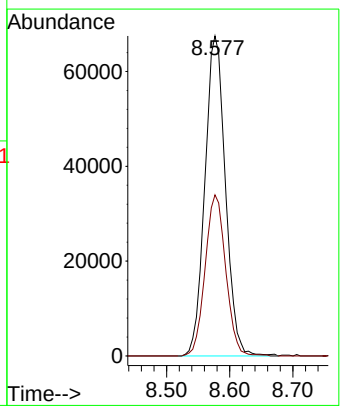


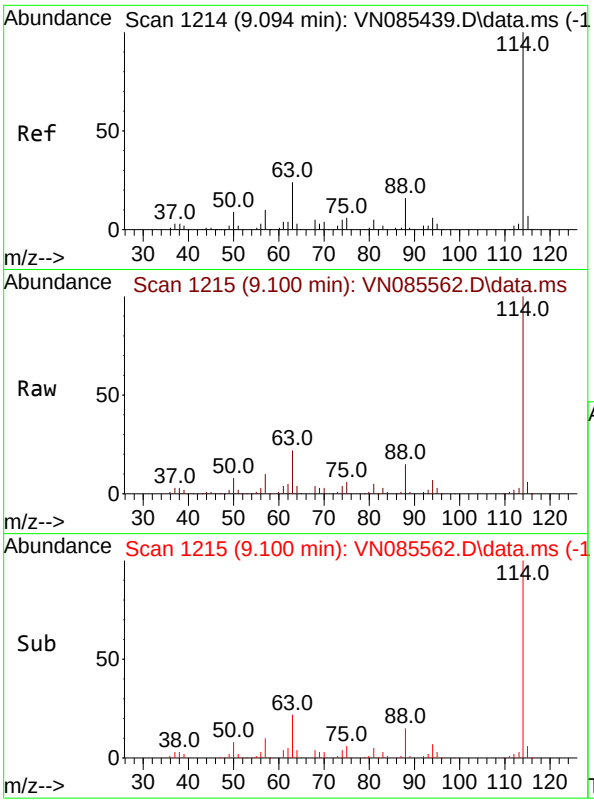


#33
1,2-Dichloroethane-d4
Concen: 57.381 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 65 Resp: 152478

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6



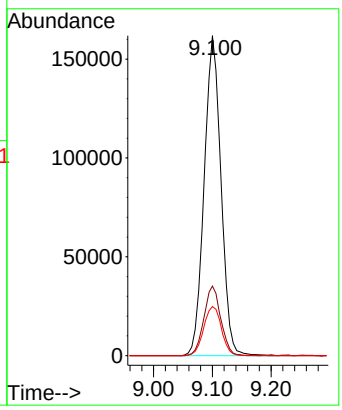


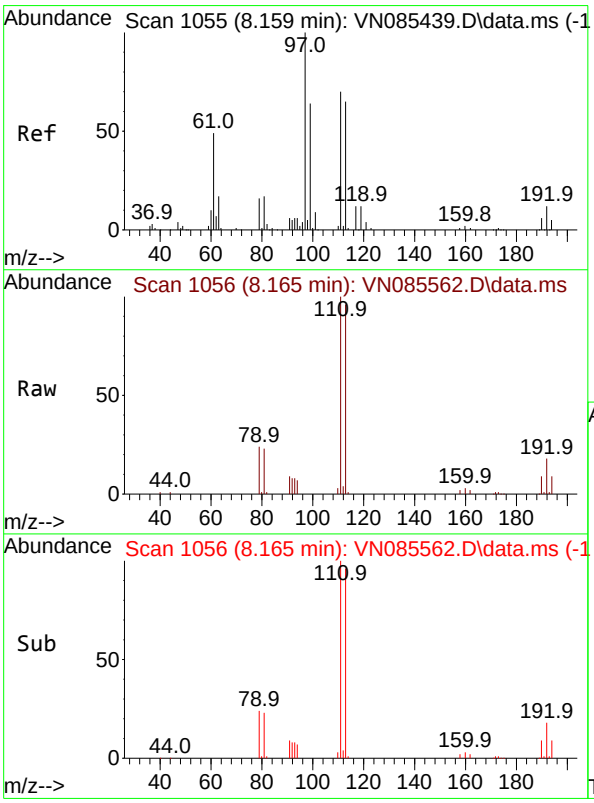
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 321449

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.6
88	15.4	0.0	32.6

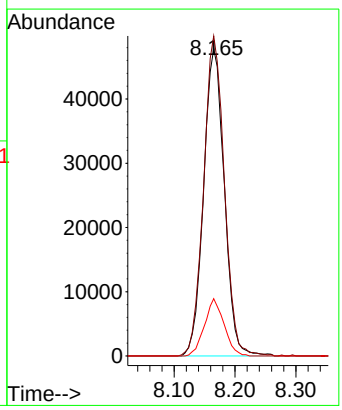


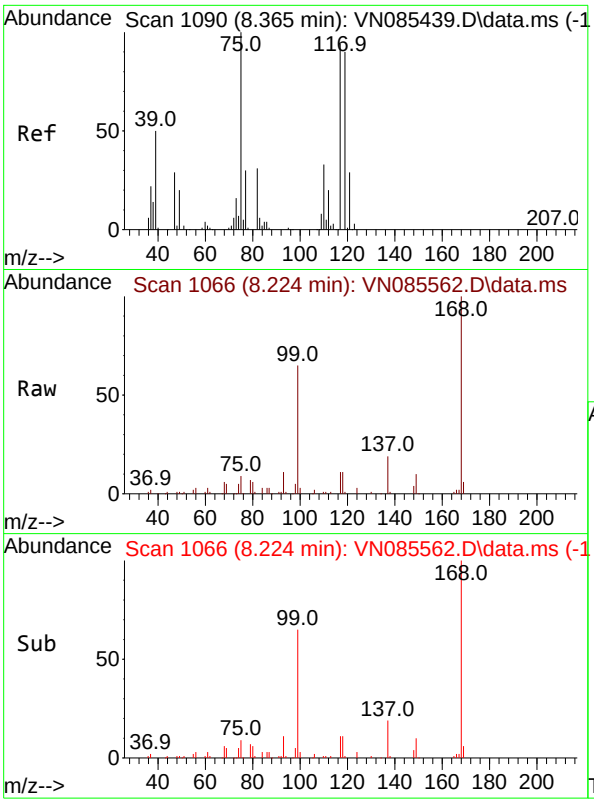


#35
Dibromofluoromethane
Concen: 50.763 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion:113 Resp: 113204

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	17.6	14.3	21.5



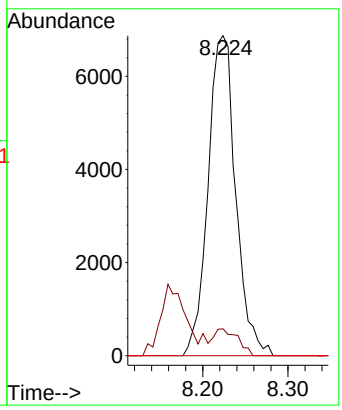


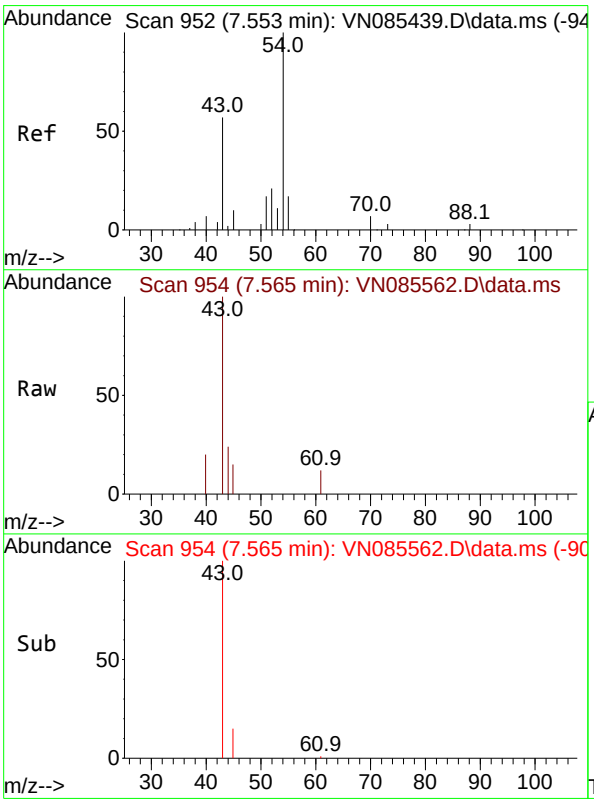
#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15507

Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.5	49.5#
77	0.0	24.4	36.6#

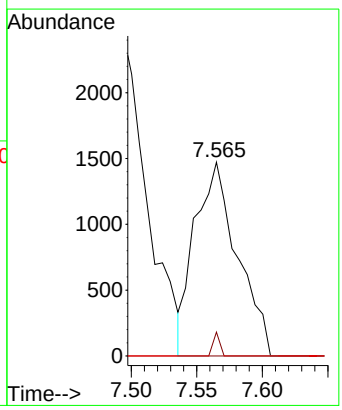


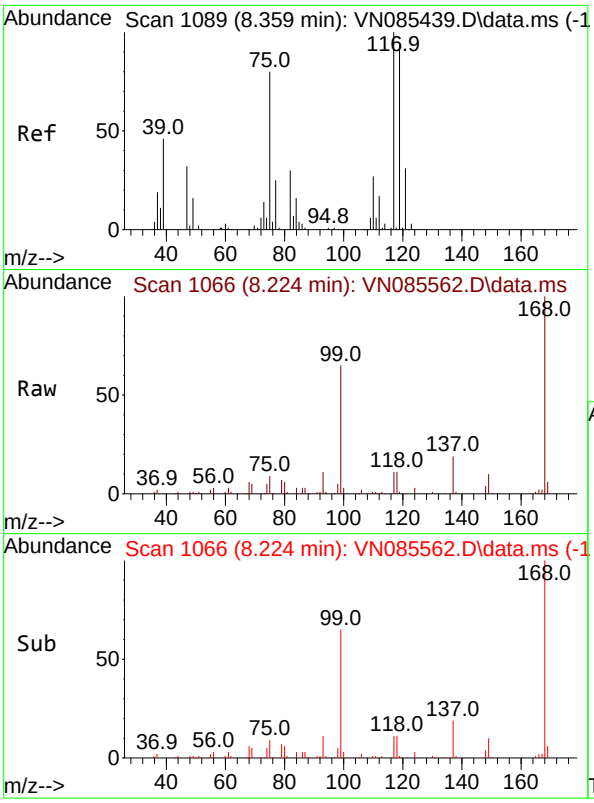


#37
Ethyl Acetate
Concen: 1.053 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 43 Resp: 3325

Ion	Ratio	Lower	Upper
43	100		
61	1.9	10.9	16.3#
70	0.0	7.5	11.3#



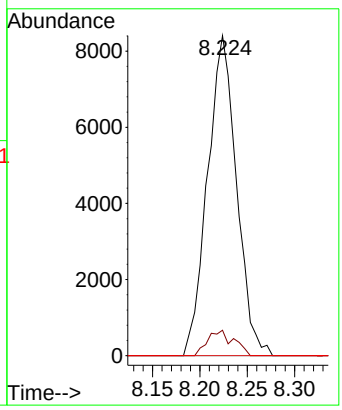


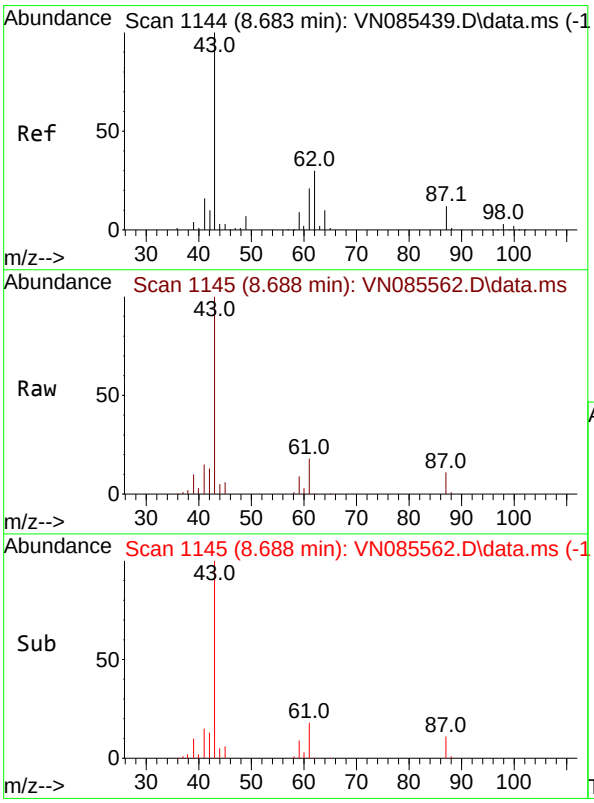
#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 17925

Ion	Ratio	Lower	Upper
117	100		
119	8.0	75.4	113.2#
121	0.0	24.6	37.0#

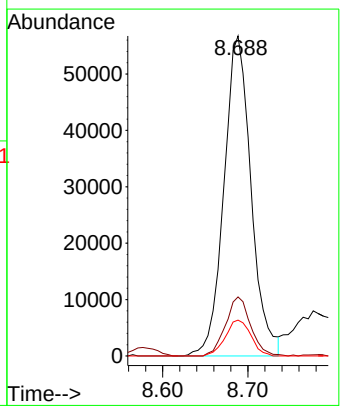


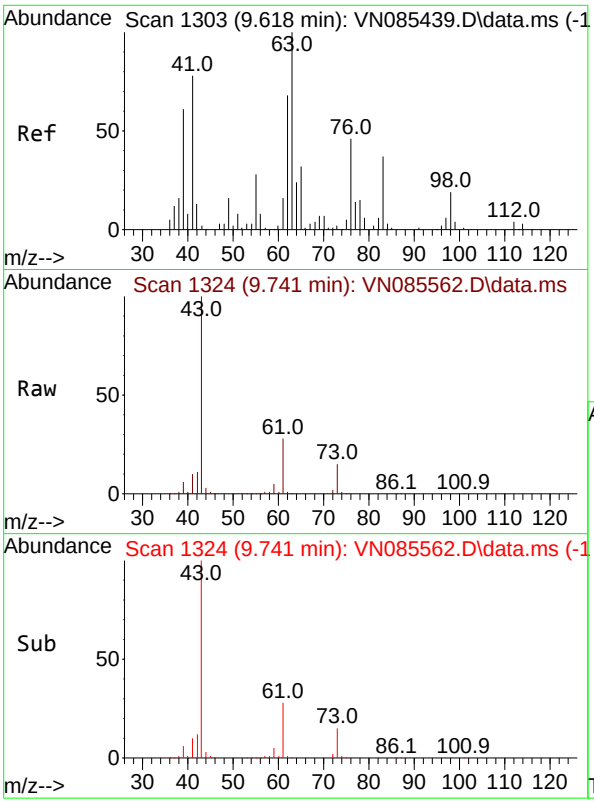


#43
Isopropyl Acetate
Concen: 24.874 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 43 Resp: 125912

Ion	Ratio	Lower	Upper
43	100		
61	17.0	20.7	31.1#
87	10.5	9.8	14.8



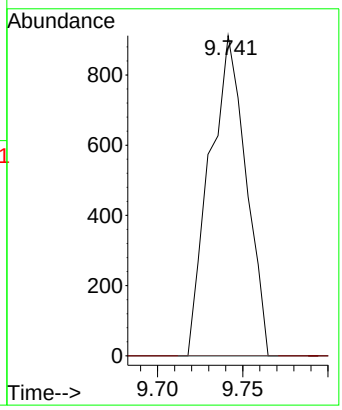


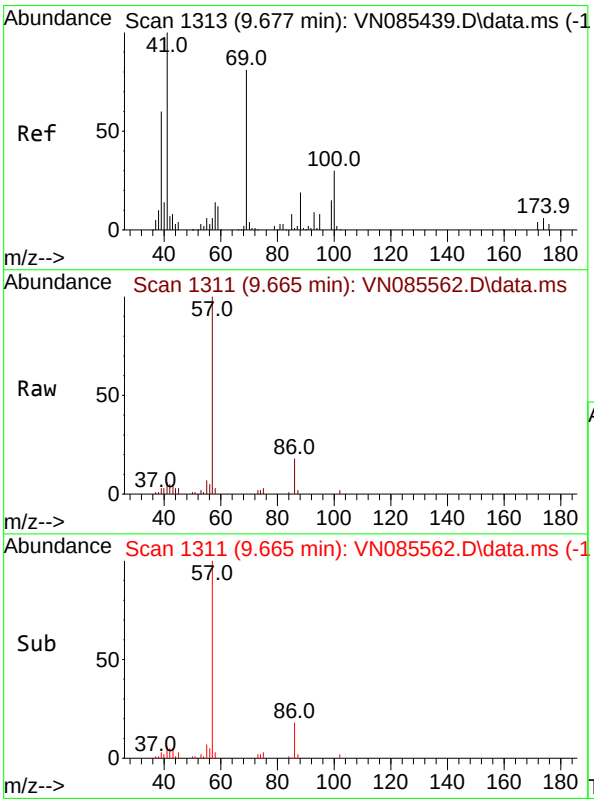
#45
1,2-Dichloropropane
Concen: 0.562 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.124 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1351

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

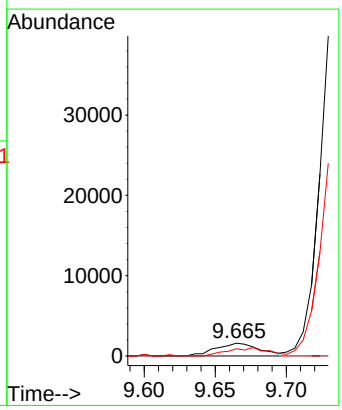


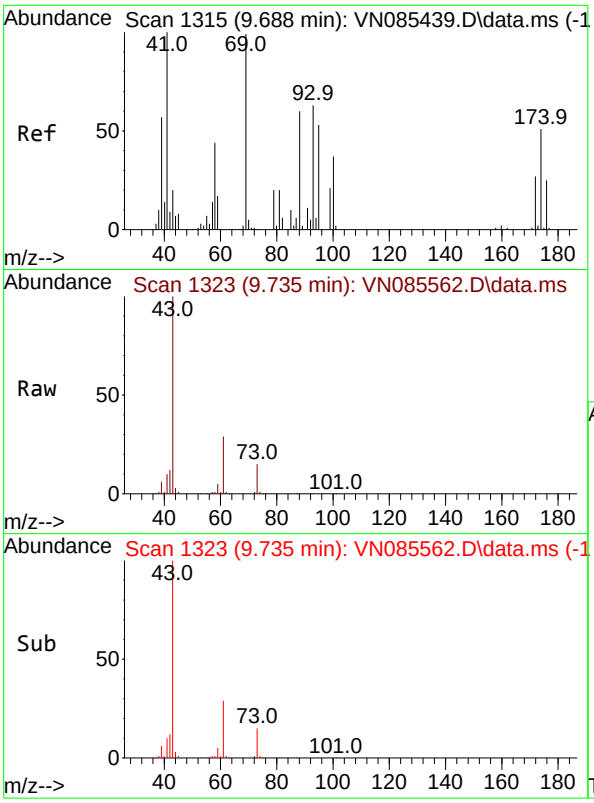


#48
Methyl methacrylate
Concen: 1.475 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 41 Resp: 3360

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	60.4	49.0	73.6



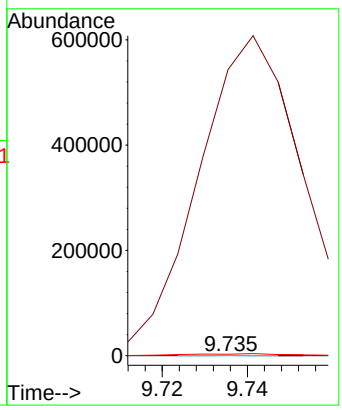


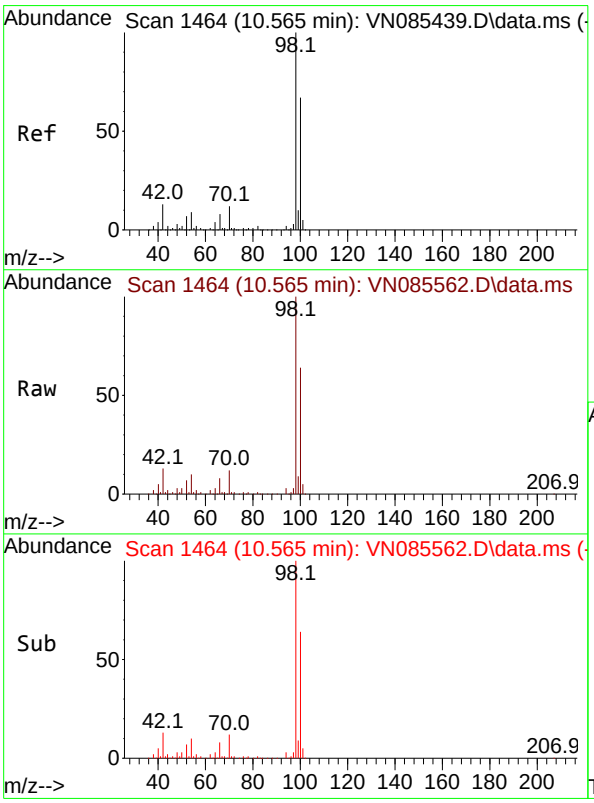
#49
1,4-Dioxane
Concen: 2.398 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 92

Ion	Ratio	Lower	Upper
88	100		
43	1160065.2	26.6	39.8#
58	7270.7	59.5	89.3#

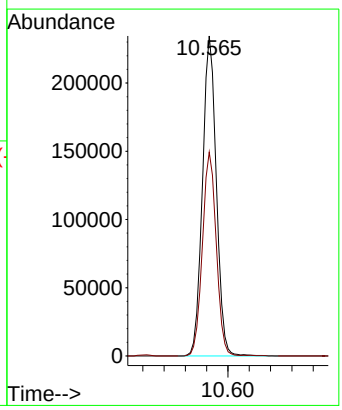


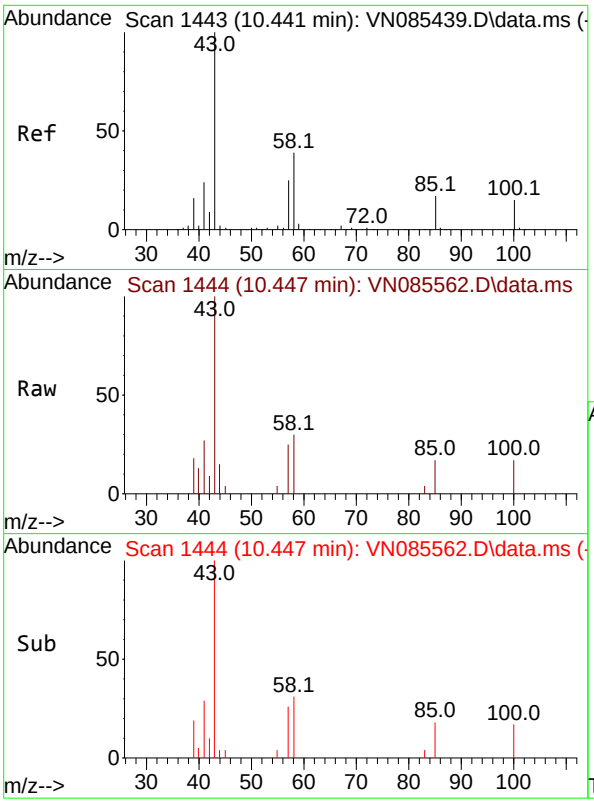


#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 98 Resp: 422385

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4



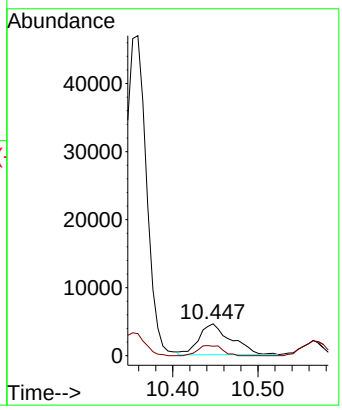


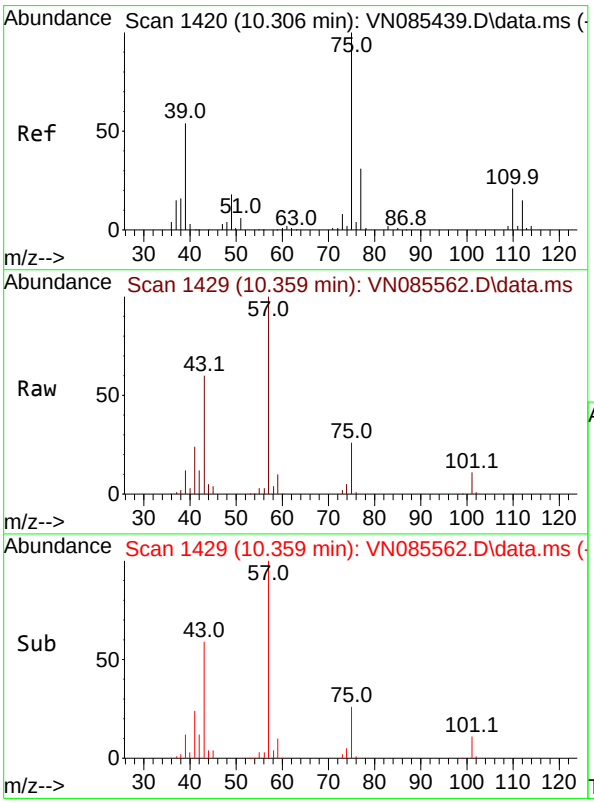
#51
4-Methyl-2-Pentanone
Concen: 4.046 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11884

Ion	Ratio	Lower	Upper
43	100		
58	25.0	30.5	45.7#

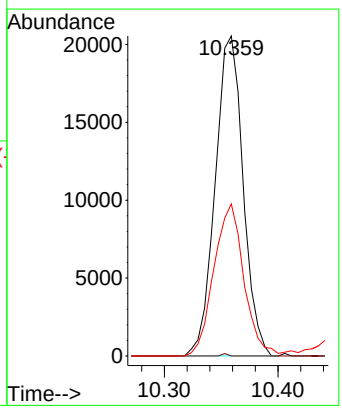


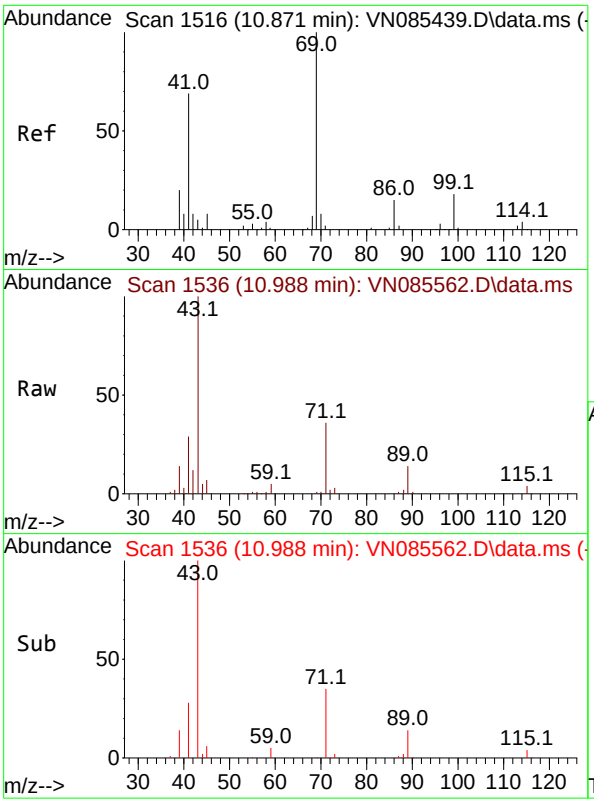


#54
cis-1,3-Dichloropropene
Concen: 9.835 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 75 Resp: 35058

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	47.5	43.1	64.7



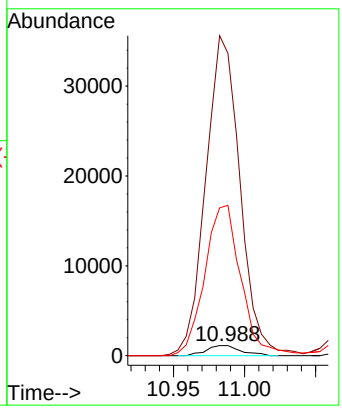


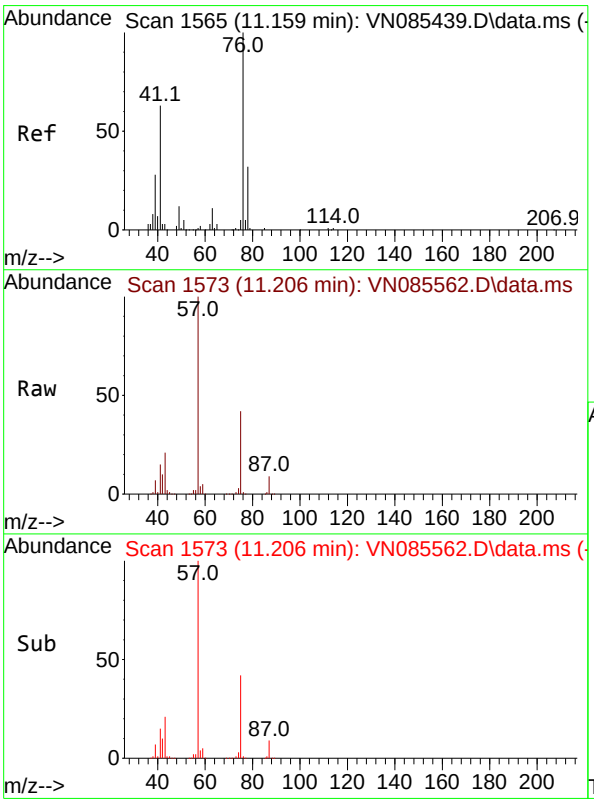
#56
Ethyl methacrylate
Concen: 2.438 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.117 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1917

Ion	Ratio	Lower	Upper
69	100		
41	3129.4	54.6	82.0#
39	1548.6	32.4	48.6#

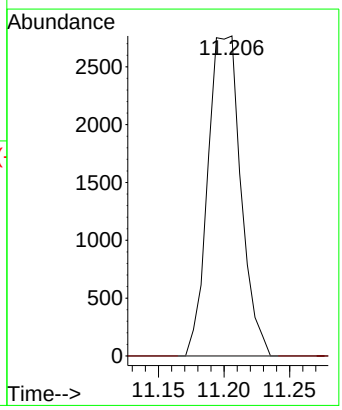


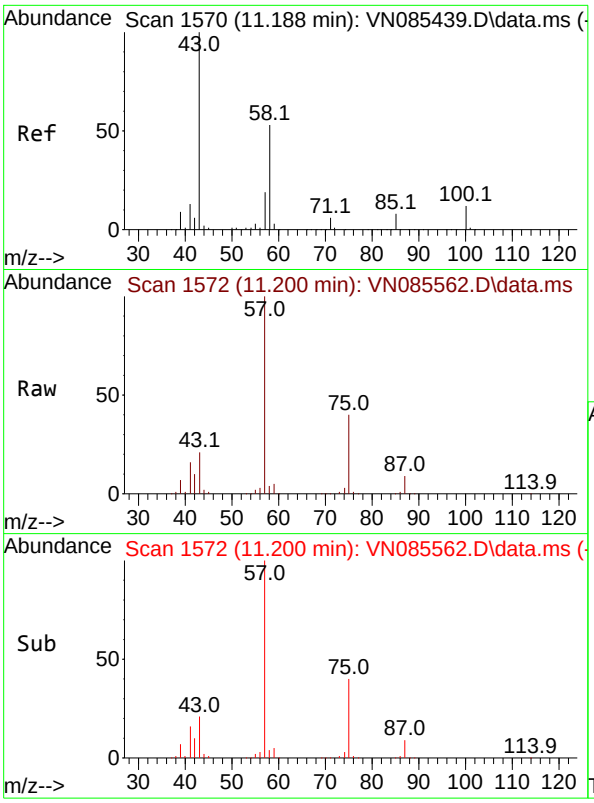


#57
1,3-Dichloropropane
Concen: 1.292 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.047 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 76 Resp: 4843

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



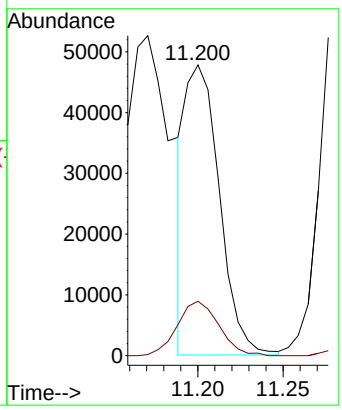


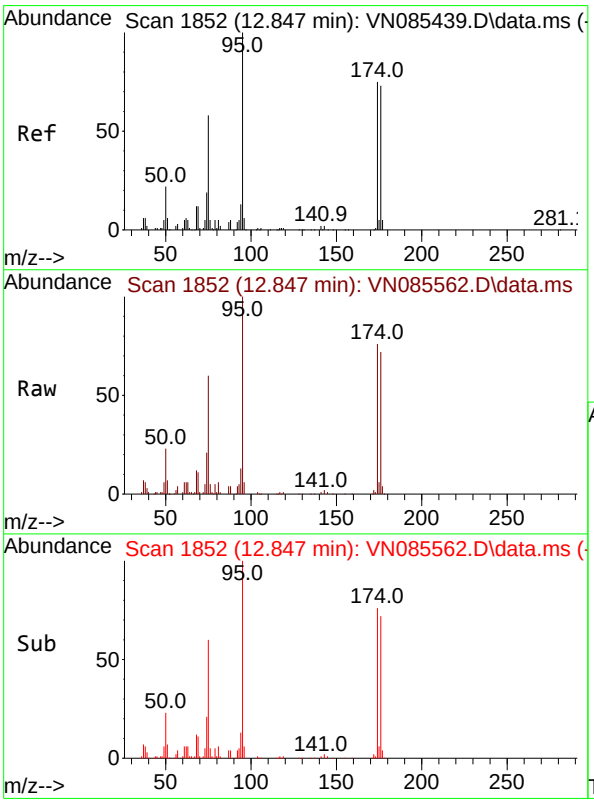
#59
2-Hexanone
Concen: 32.221 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 66596

Ion	Ratio	Lower	Upper
43	100		
58	22.9	26.2	78.6#

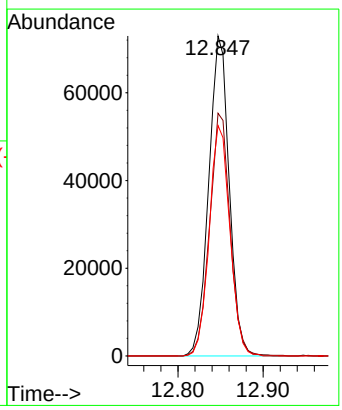


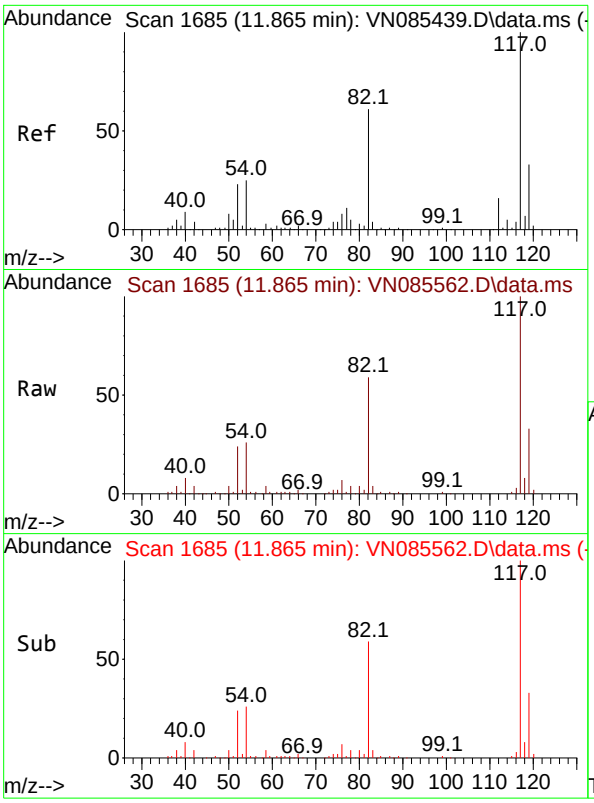


#62
4-Bromofluorobenzene
Concen: 44.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 95 Resp: 121611

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.0
176	72.8	0.0	142.4



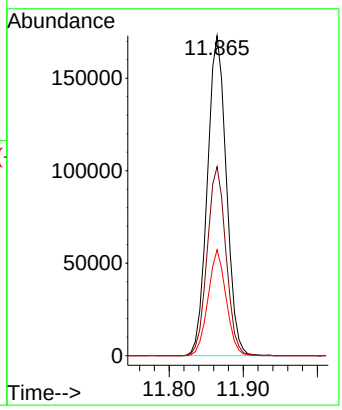


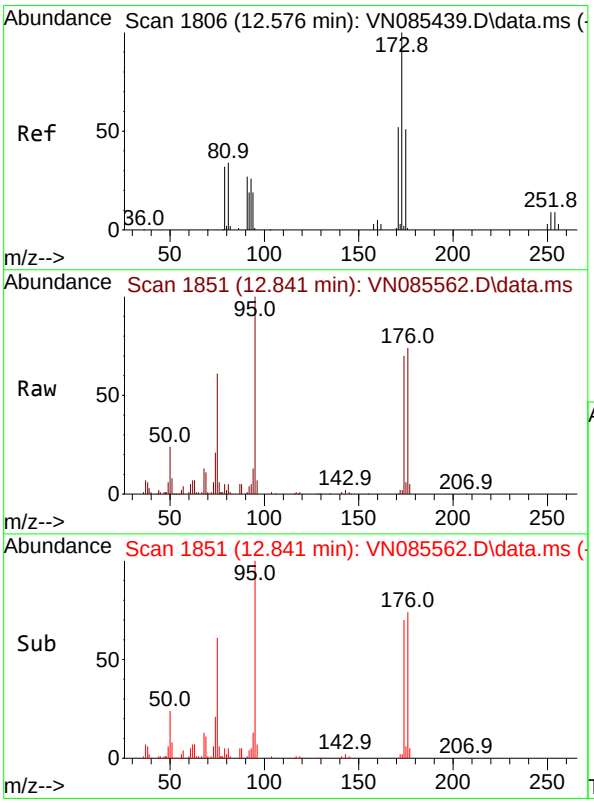
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 308281

Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.6	72.8
119	33.1	26.6	39.8

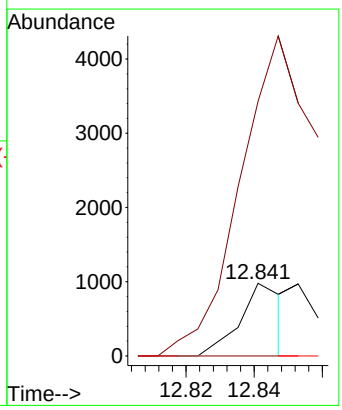


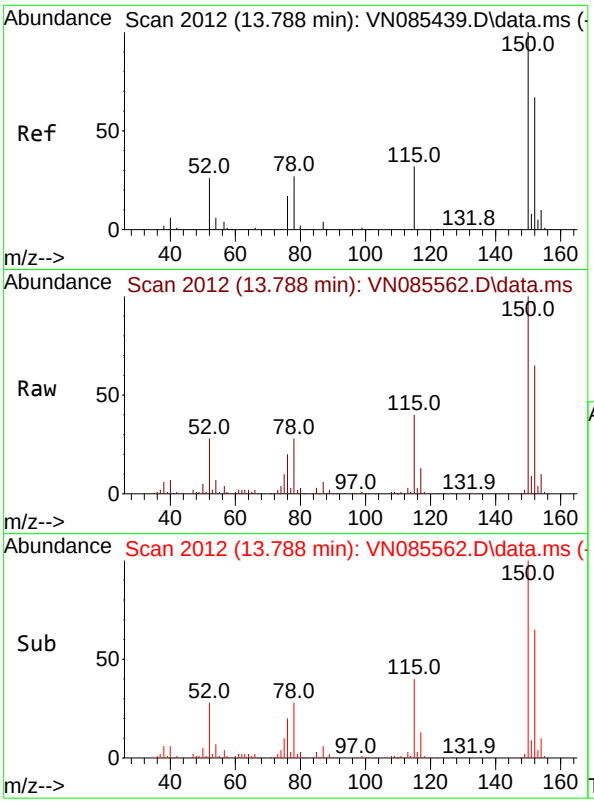


#71
Bromoform
Concen: 0.475 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion:173 Resp: 843

Ion	Ratio	Lower	Upper
173	100		
175	623.3	24.4	73.2#
254	0.0	0.0	0.0



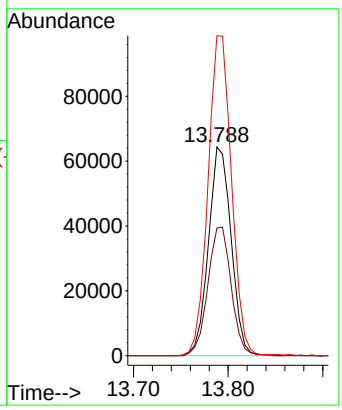


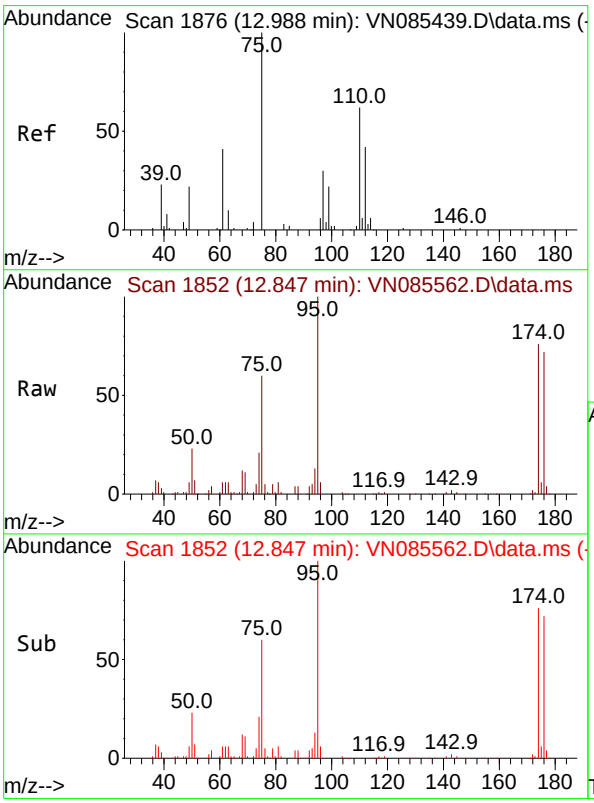
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 107199

Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.1	93.3
150	159.0	0.0	343.6

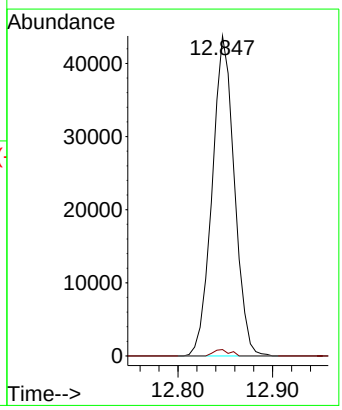


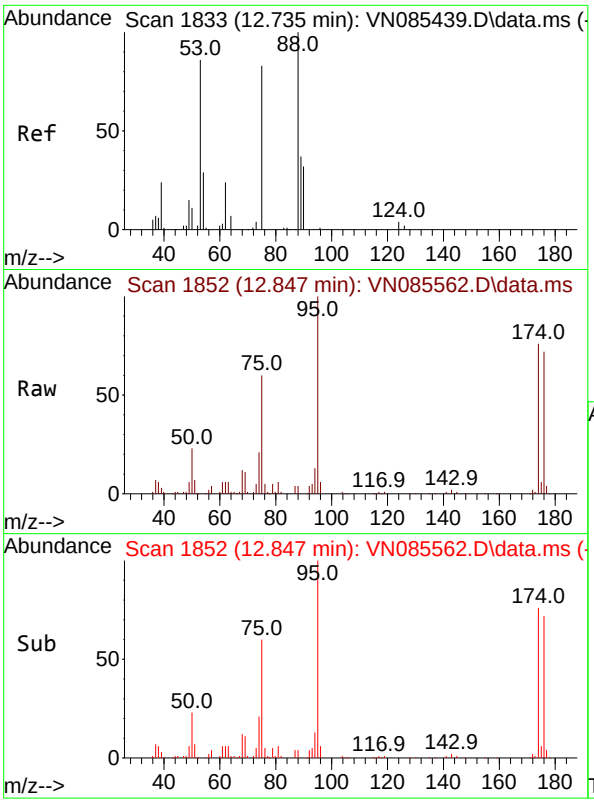


#76
1,2,3-Trichloropropane
Concen: 32.725 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 75 Resp: 71303

Ion	Ratio	Lower	Upper
75	100		
77	1.5	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.540 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085562.D
Acq: 29 Jan 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 71303

Ion	Ratio	Lower	Upper
75	100		
53	0.1	95.6	143.4#
89	0.0	37.0	55.6#