Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085597.D
Acq On : 31 Jan 2025 13:15
Operator : JC\MD
Sample : PB166357ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 31 22:27:16 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

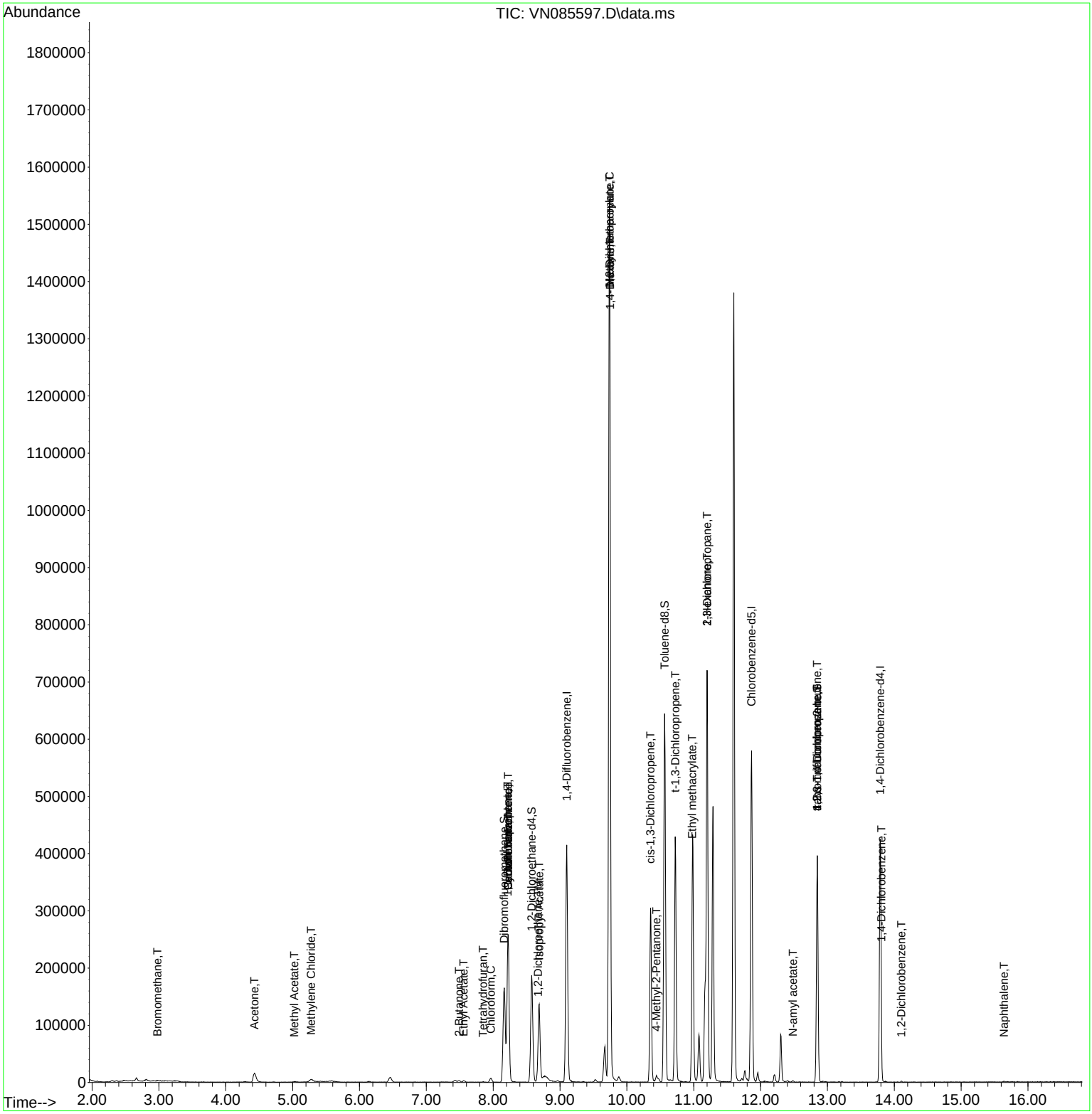
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	176989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153356	53.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.360%			
35) Dibromofluoromethane	8.165	113	117175	51.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.565	98	435880	53.724	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.847	95	129020	46.488	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.980%			
Target Compounds						Qvalue
5) Bromomethane	2.977	94	557	0.354	ug/l	85
16) Acetone	4.430	43	31651	34.287	ug/l	97
18) Methyl Acetate	5.024	43	1059	0.377	ug/l #	90
20) Methylene Chloride	5.277	84	3463	1.515	ug/l	96
25) 2-Butanone	7.489	43	5304	3.904	ug/l	97
29) Tetrahydrofuran	7.847	42	183	0.212	ug/l #	87
30) Chloroform	7.965	83	7253	1.682	ug/l	97
31) Cyclohexane	8.224	56	4922	1.357	ug/l #	9
36) 1,1-Dichloropropene	8.218	75	16476	5.141	ug/l #	51
37) Ethyl Acetate	7.559	43	3986	1.232	ug/l #	92
38) Carbon Tetrachloride	8.224	117	19912	5.427	ug/l #	17
42) 1,2-Dichloroethane	8.671	62	1060	0.292	ug/l #	76
43) Isopropyl Acetate	8.689	43	149956	28.930	ug/l #	89
45) 1,2-Dichloropropane	9.741	63	1869	0.760	ug/l #	43
48) Methyl methacrylate	9.741	41	149908	64.266	ug/l #	46
49) 1,4-Dioxane	9.747	88	162	4.124	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	12783	4.250	ug/l #	70
53) t-1,3-Dichloropropene	10.724	75	1016	0.297	ug/l #	59
54) cis-1,3-Dichloropropene	10.353	75	48878	13.391	ug/l #	70
56) Ethyl methacrylate	10.977	69	2205	2.501	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	7122	1.855	ug/l #	43
59) 2-Hexanone	11.200	43	87934	41.549	ug/l #	59
74) N-amyl acetate	12.482	43	1343	0.393	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	72855	31.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72855	86.133	ug/l #	3
88) 1,4-Dichlorobenzene	13.806	146	1109	0.293	ug/l #	1
91) 1,2-Dichlorobenzene	14.106	146	831	0.228	ug/l	79
95) Naphthalene	15.641	128	1988	0.393	ug/l #	81

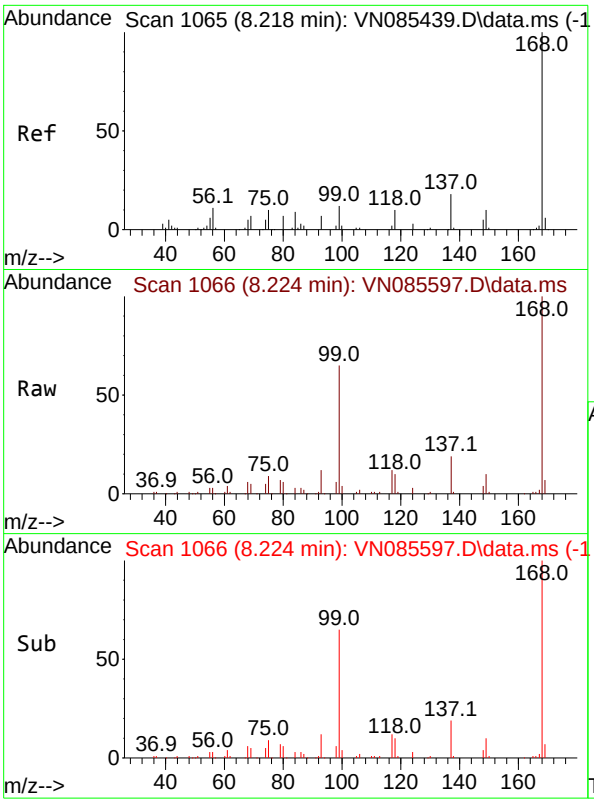
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085597.D
Acq On : 31 Jan 2025 13:15
Operator : JC\MD
Sample : PB166357ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 31 22:27:16 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



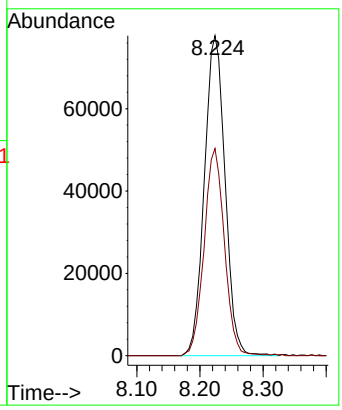


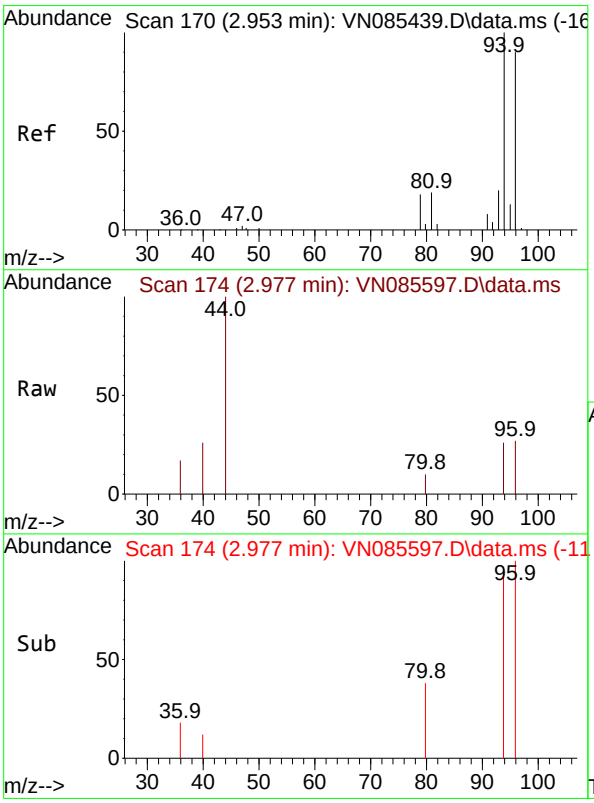
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 176989

Ion	Ratio	Lower	Upper
168	100		
99	64.8	53.6	80.4

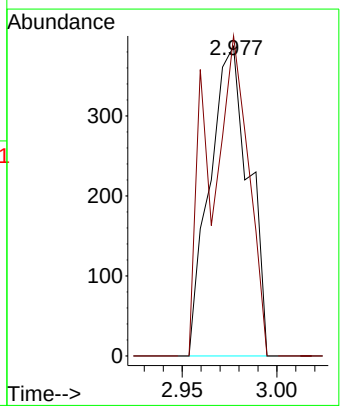


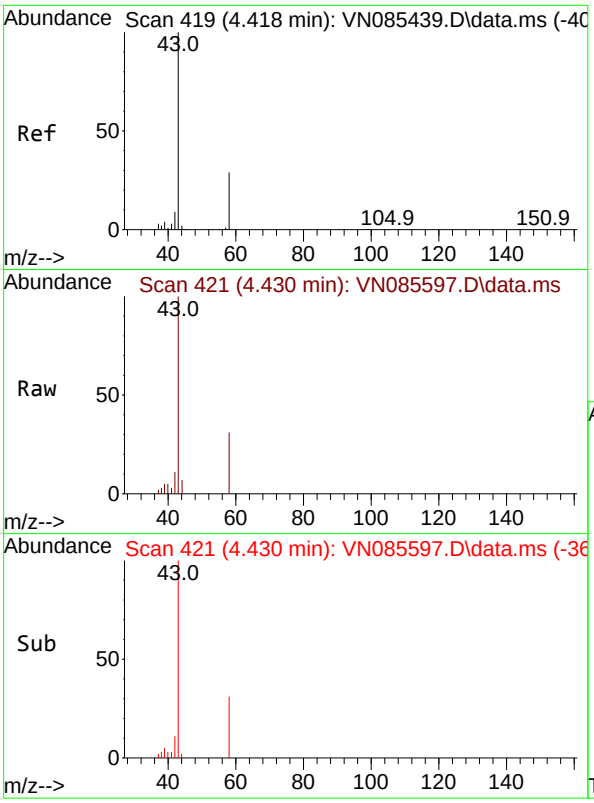


#5
Bromomethane
Concen: 0.354 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 94 Resp: 557

Ion	Ratio	Lower	Upper
94	100		
96	103.4	71.8	107.6



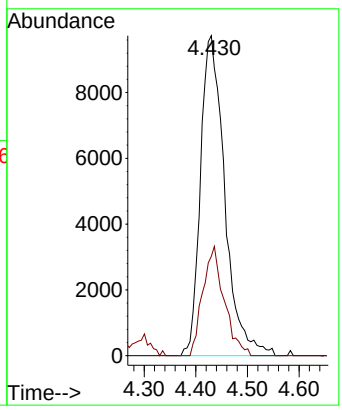


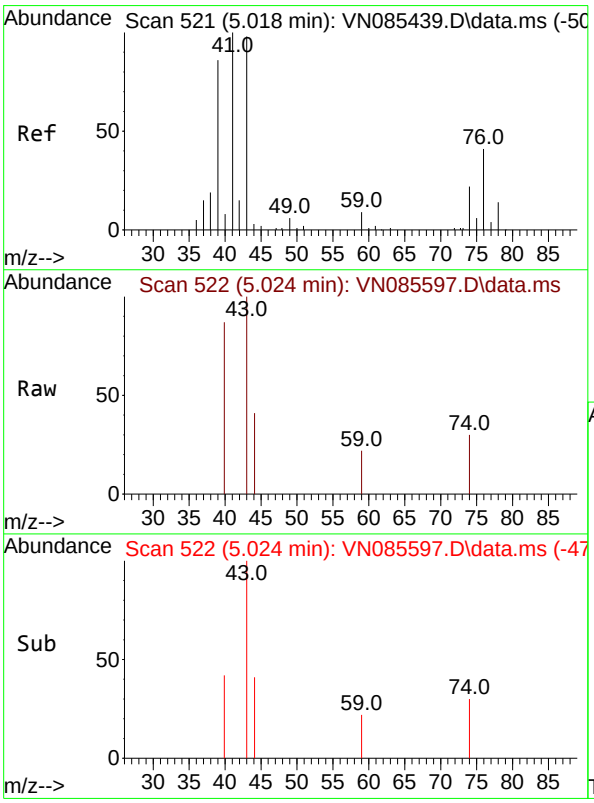
#16
Acetone
Concen: 34.287 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 31651

Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.8	35.6

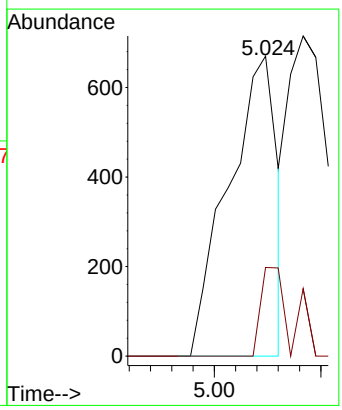


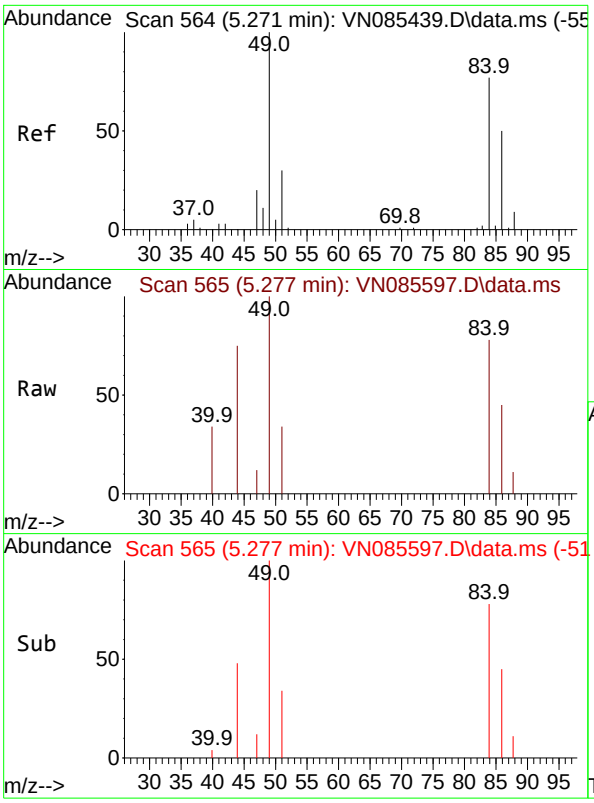


#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 43 Resp: 1059

Ion	Ratio	Lower	Upper
43	100		
74	18.2	18.6	28.0#



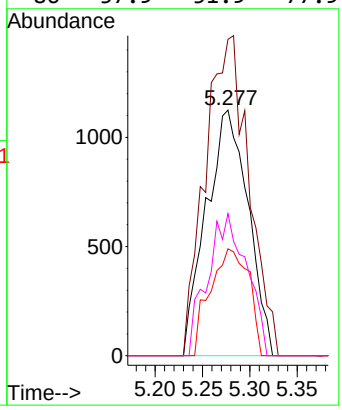


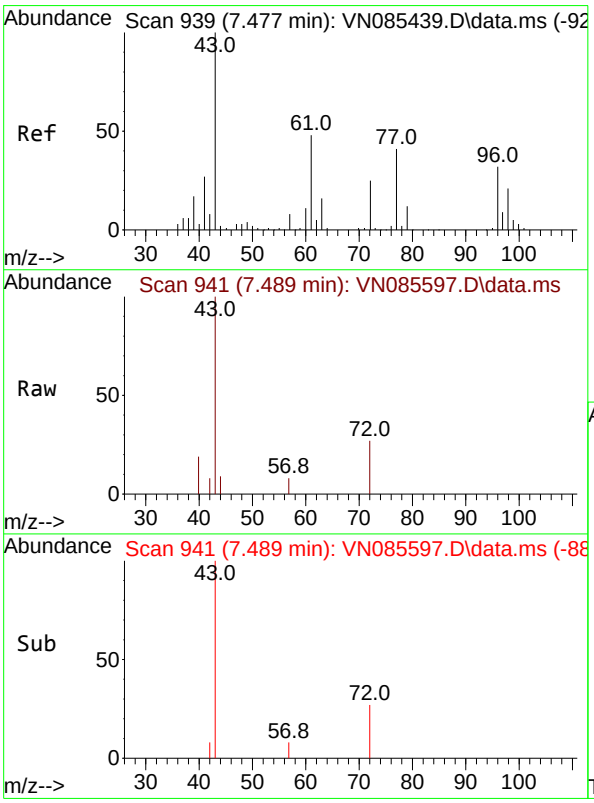
#20
Methylene Chloride
Concen: 1.515 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 3463

Ion	Ratio	Lower	Upper
84	100		
49	128.8	104.1	156.1
51	43.6	31.0	46.4
86	57.9	51.9	77.9

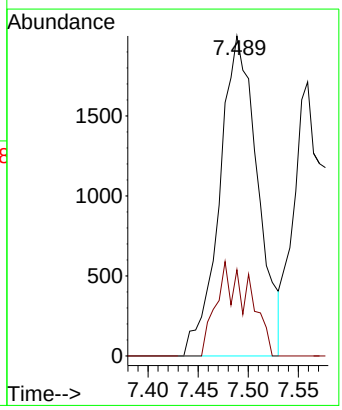


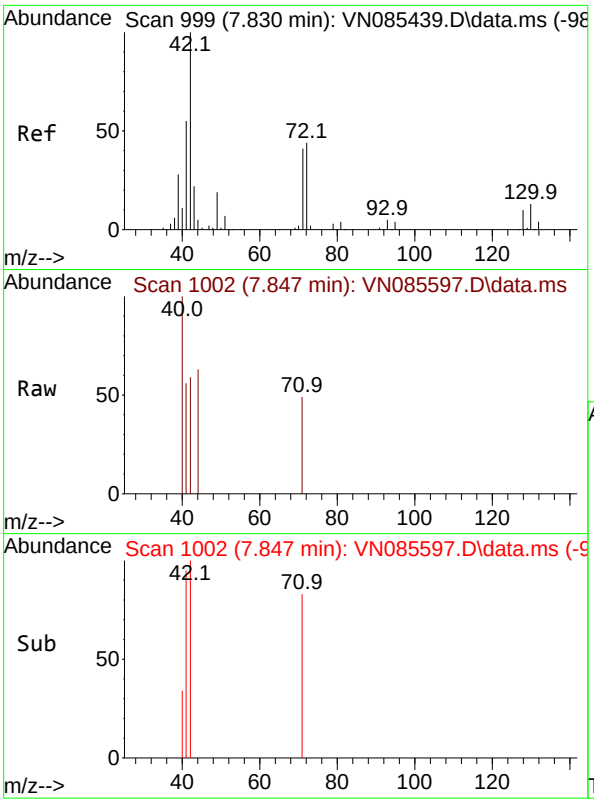


#25
2-Butanone
Concen: 3.904 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 43 Resp: 5304

Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.2	30.4



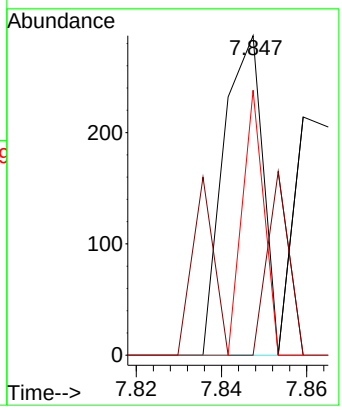


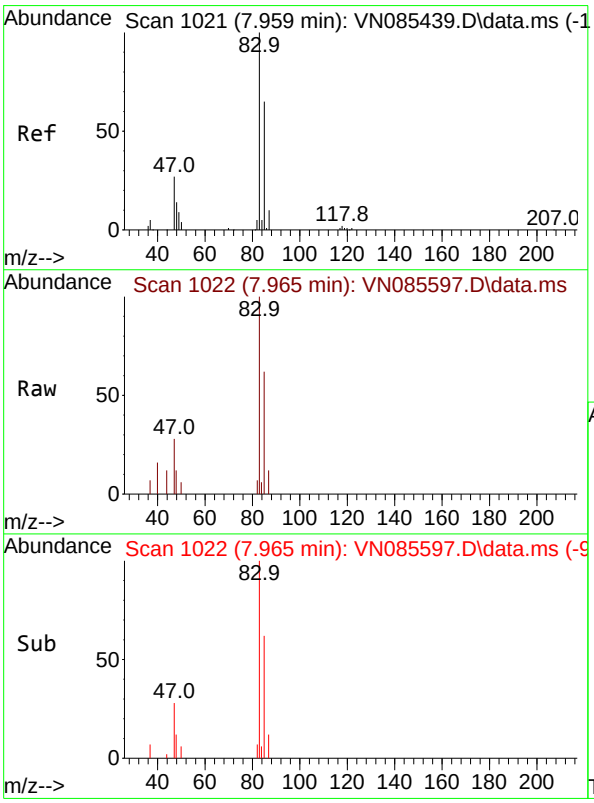
#29
Tetrahydrofuran
Concen: 0.212 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
72	31.7	34.2	51.2#
71	45.9	32.5	48.7

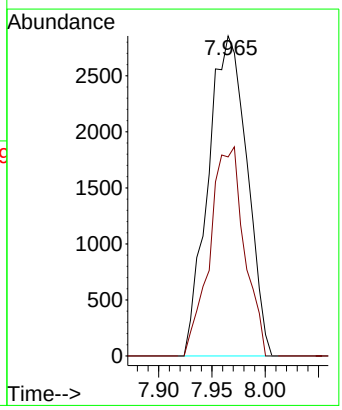


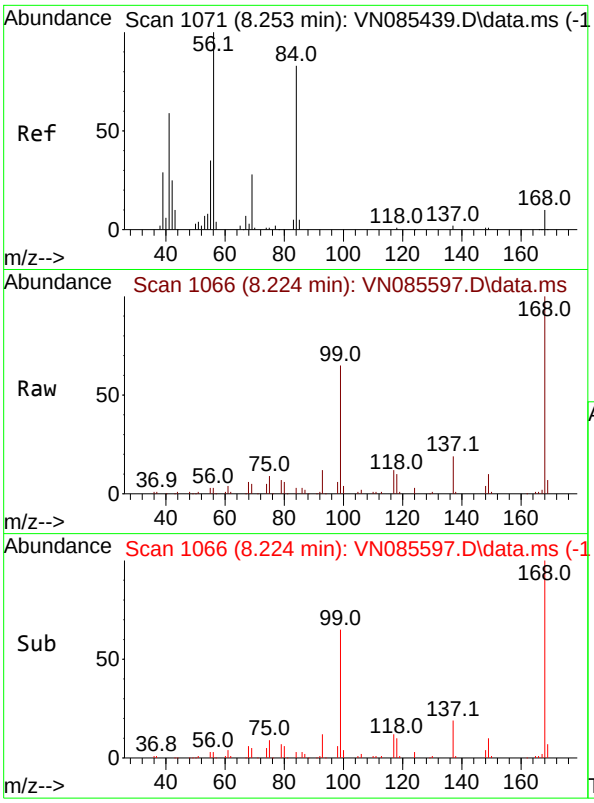


#30
Chloroform
Concen: 1.682 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 83 Resp: 7253

Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.6



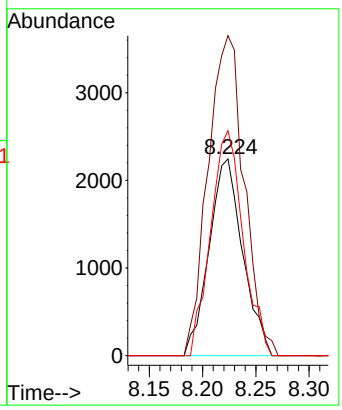


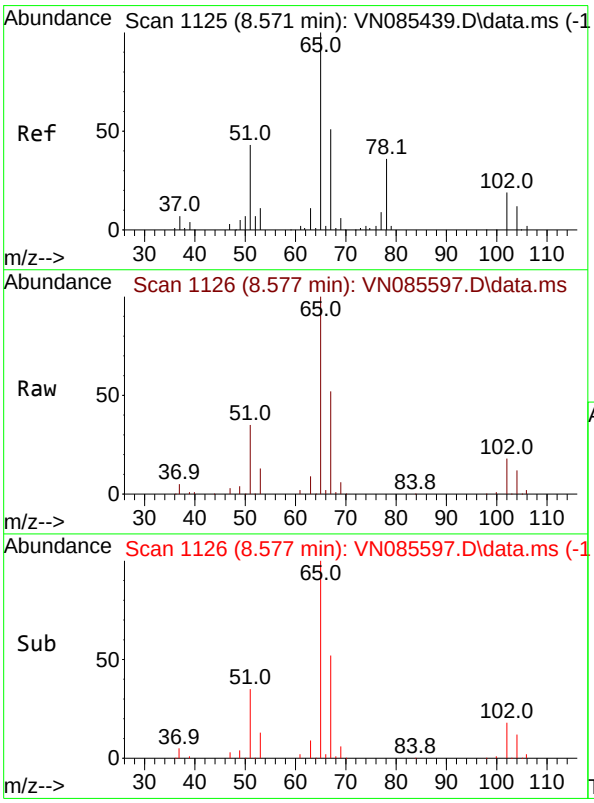
#31
Cyclohexane
Concen: 1.357 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4922

Ion	Ratio	Lower	Upper
56	100		
69	162.6	22.2	33.4#
84	114.3	66.4	99.6#

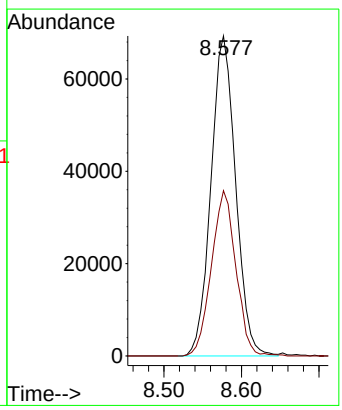


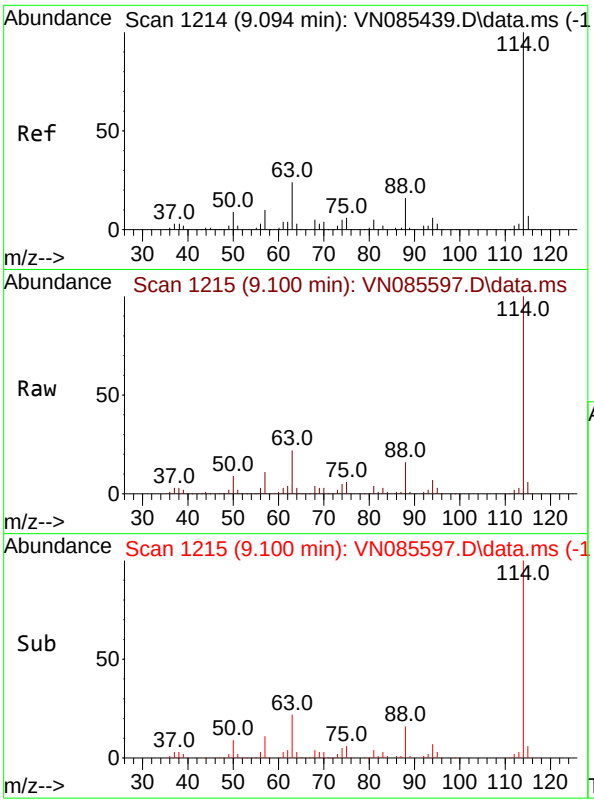


#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 65 Resp: 153356

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.6



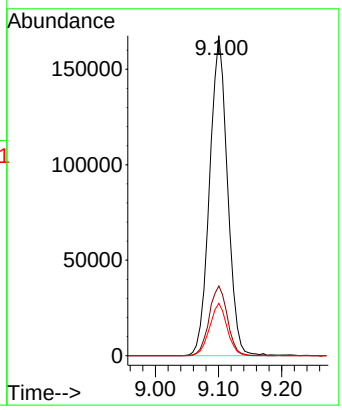


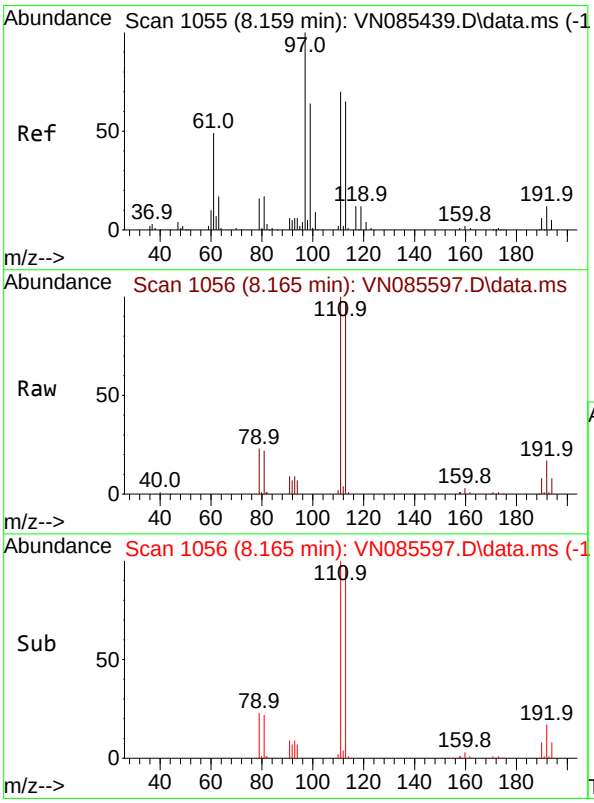
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 329152

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	47.6
88	16.4	0.0	32.6

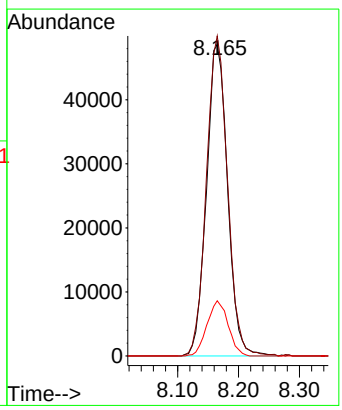


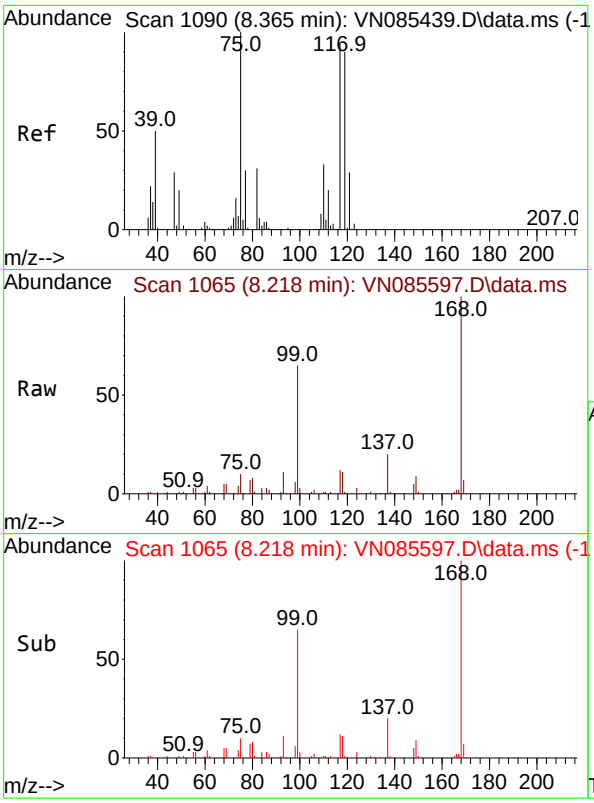


#35
Dibromofluoromethane
Concen: 51.314 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion:113 Resp: 117175

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	17.7	14.3	21.5



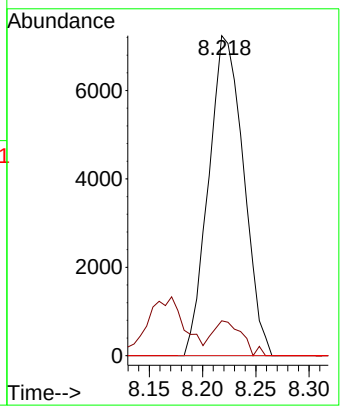


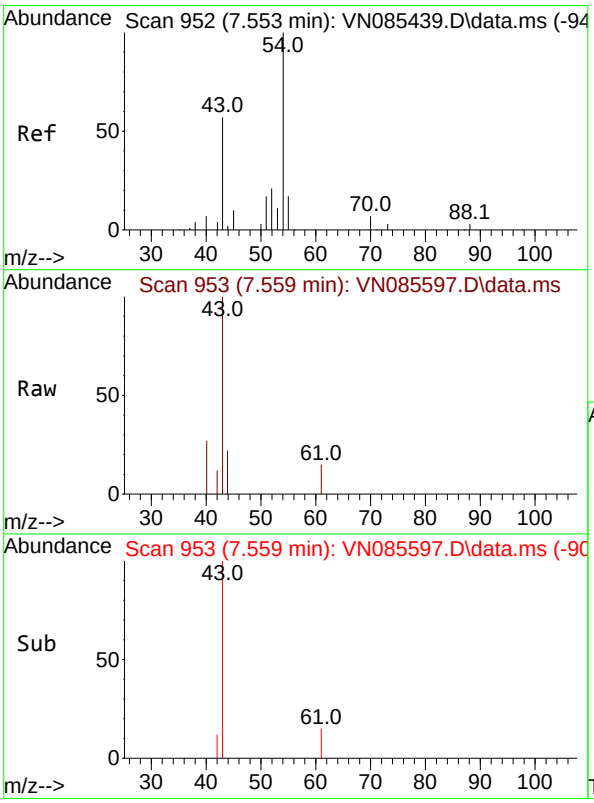
#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 16476

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.5	49.5#
77	0.0	24.4	36.6#

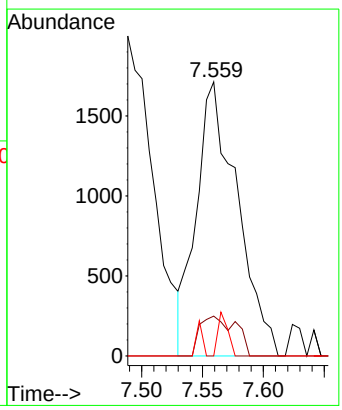


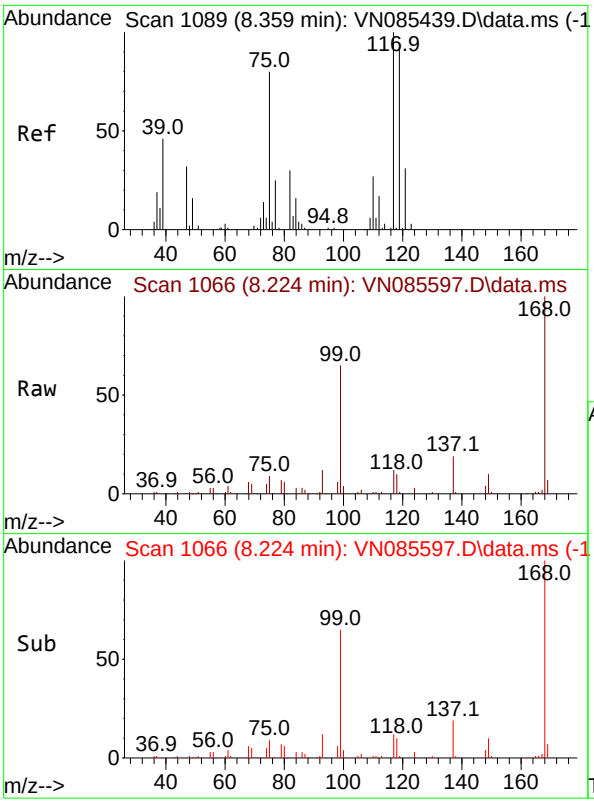


#37
Ethyl Acetate
Concen: 1.232 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 43 Resp: 3986

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	3.9	7.5	11.3#



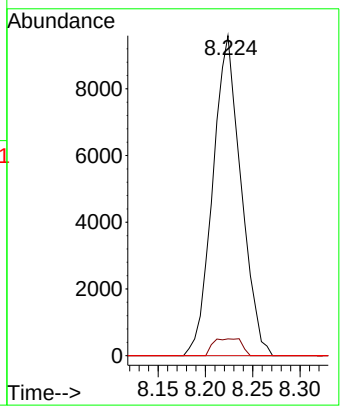


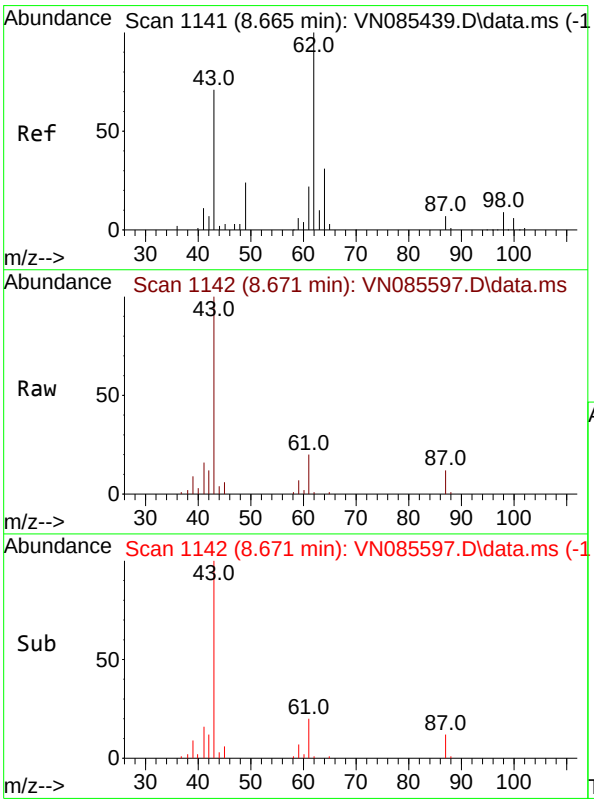
#38
Carbon Tetrachloride
Concen: 5.427 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 19912

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.4	113.2#
121	0.0	24.6	37.0#

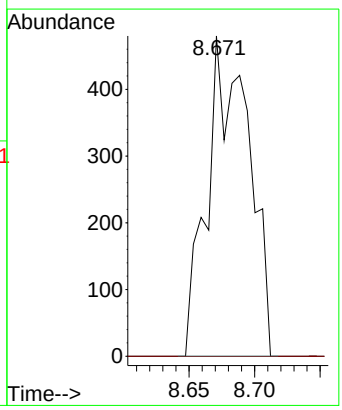


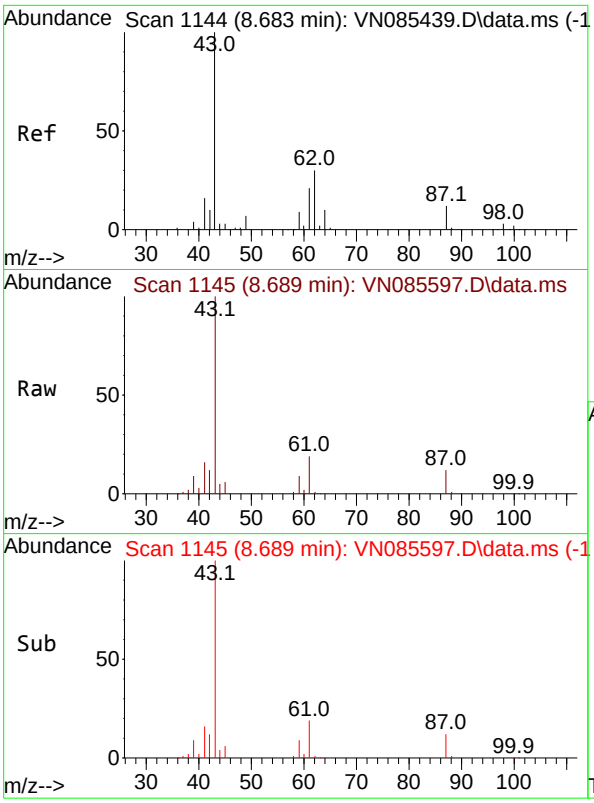


#42
1,2-Dichloroethane
Concen: 0.292 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 62 Resp: 1060

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



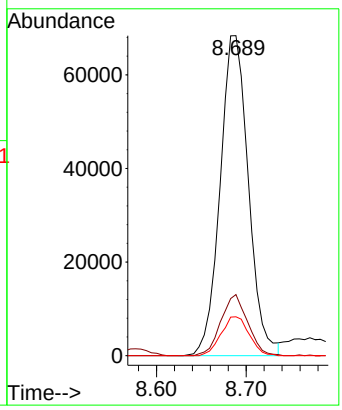


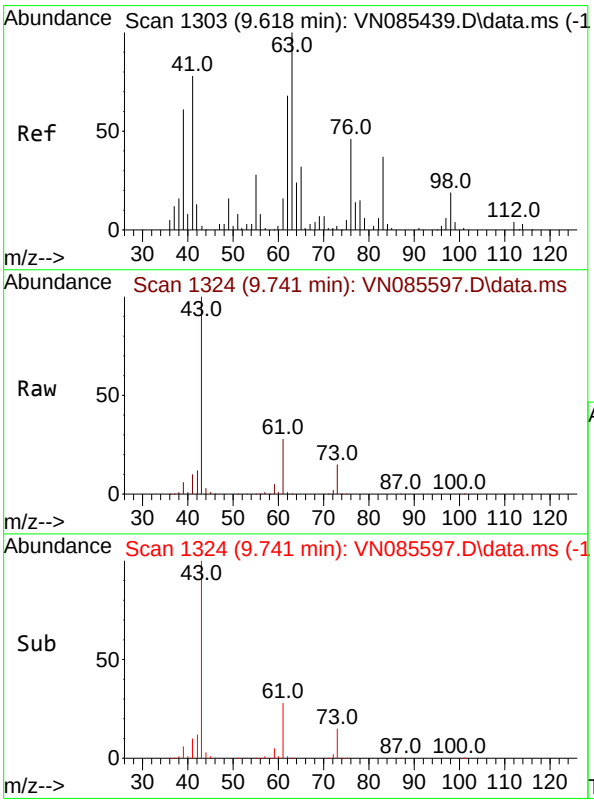
#43
Isopropyl Acetate
Concen: 28.930 ug/l
RT: 8.689 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 149956

Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.7	31.1#
87	12.0	9.8	14.8

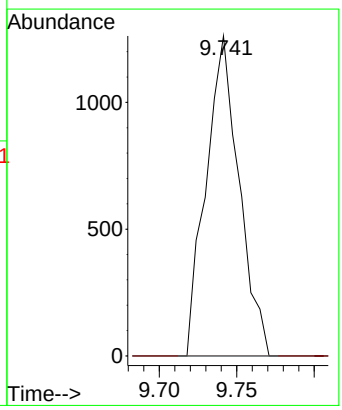


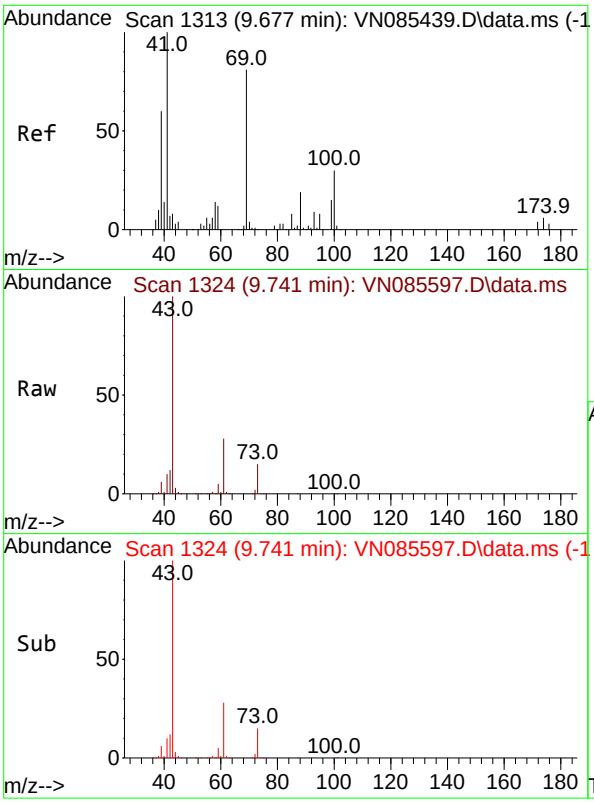


#45
1,2-Dichloropropane
Concen: 0.760 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 63 Resp: 1869

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



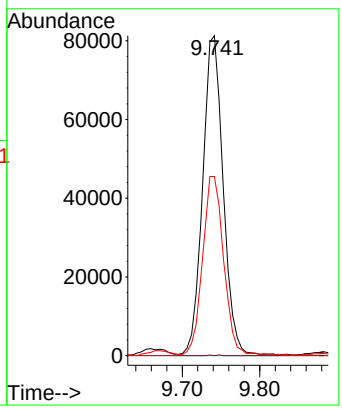


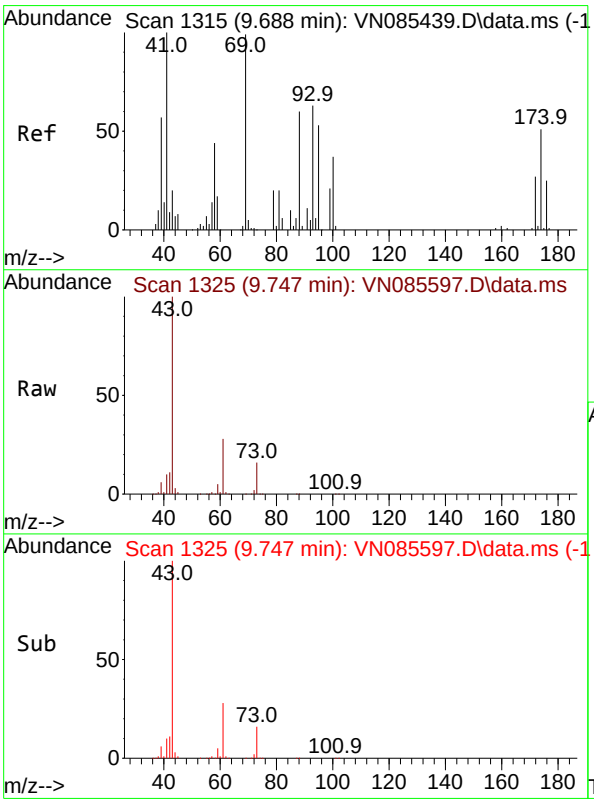
#48
Methyl methacrylate
Concen: 64.266 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 149908

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.7	97.1#
39	57.8	49.0	73.6

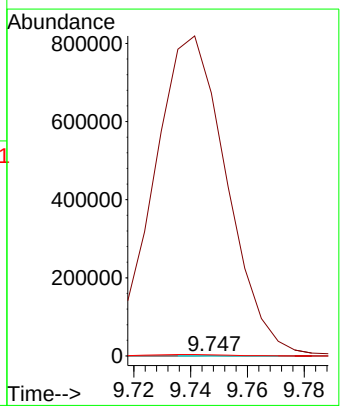


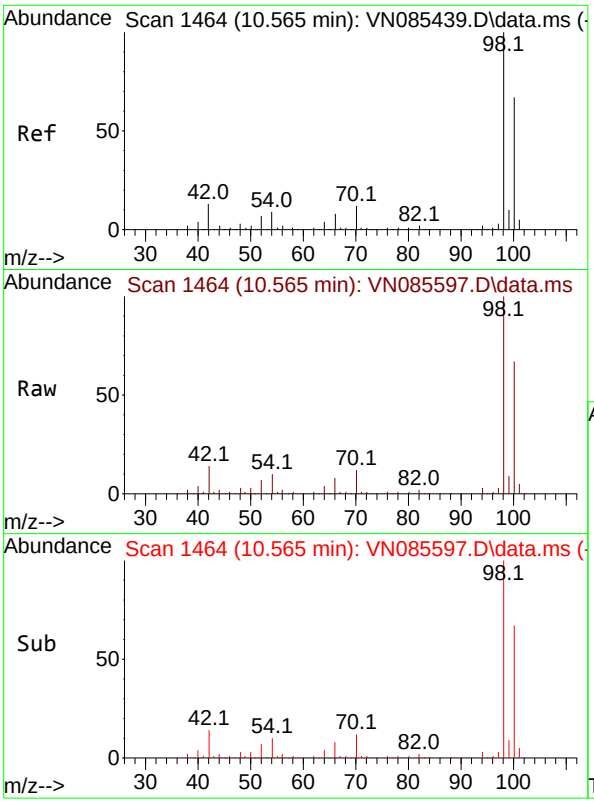


#49
1,4-Dioxane
Concen: 4.124 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.059 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 88 Resp: 162

Ion	Ratio	Lower	Upper
88	100		
43	916230.9	26.6	39.8#
58	4561.7	59.5	89.3#



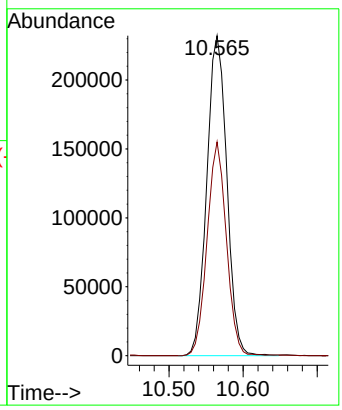


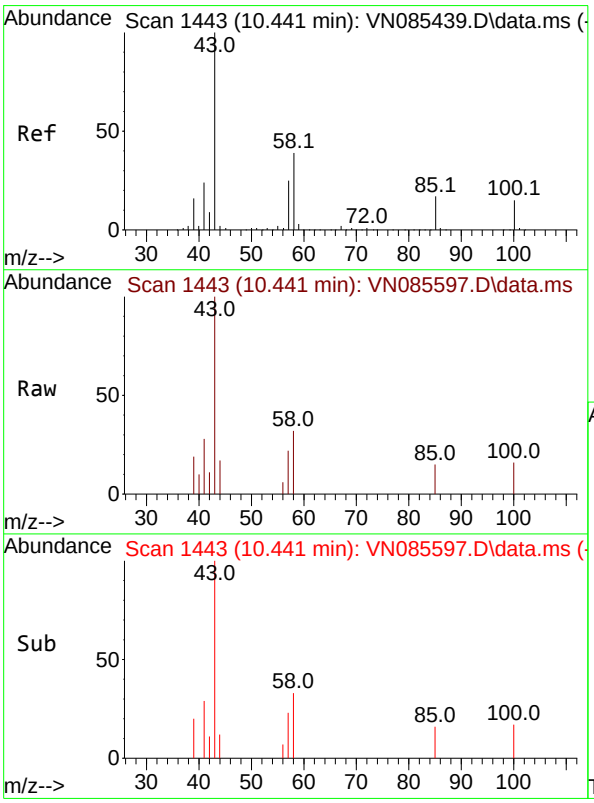
#50
Toluene-d8
Concen: 53.724 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 435880

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4

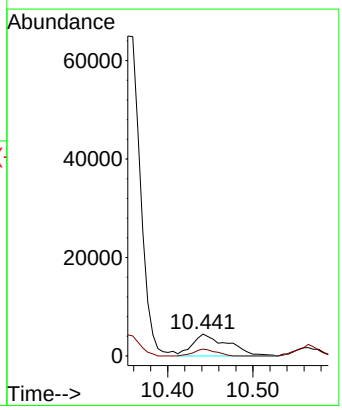


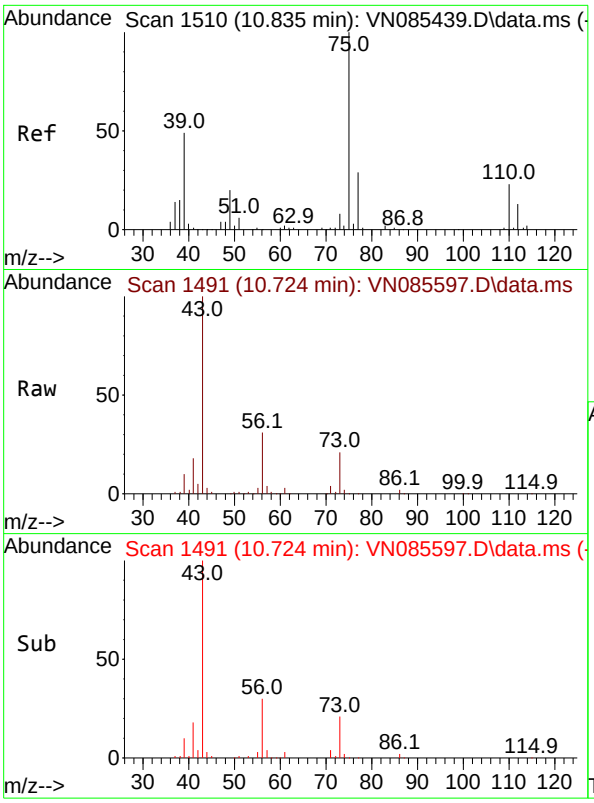


#51
4-Methyl-2-Pentanone
Concen: 4.250 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 43 Resp: 12783

Ion	Ratio	Lower	Upper
43	100		
58	19.9	30.5	45.7#



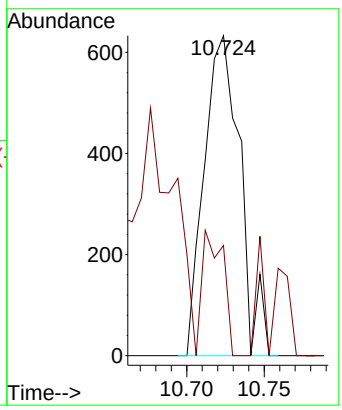


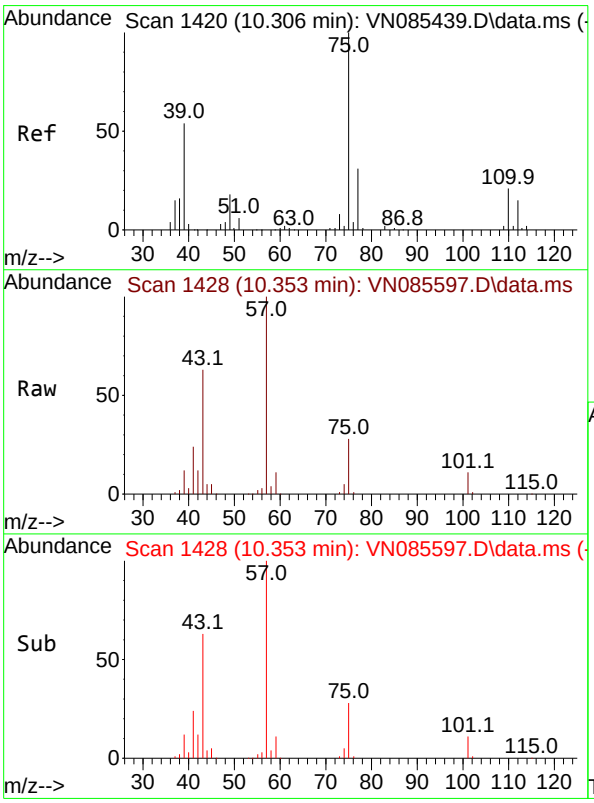
#53
t-1,3-Dichloropropene
Concen: 0.297 ug/l
RT: 10.724 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1016

Ion	Ratio	Lower	Upper
75	100		
77	7.1	23.5	35.3#

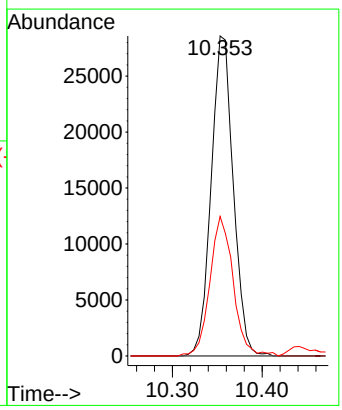


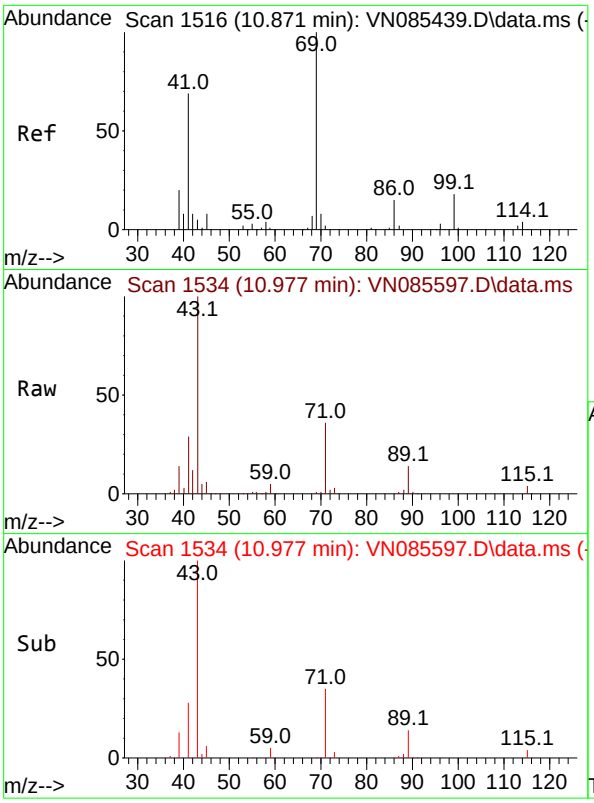


#54
cis-1,3-Dichloropropene
Concen: 13.391 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 75 Resp: 48878

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	43.6	43.1	64.7



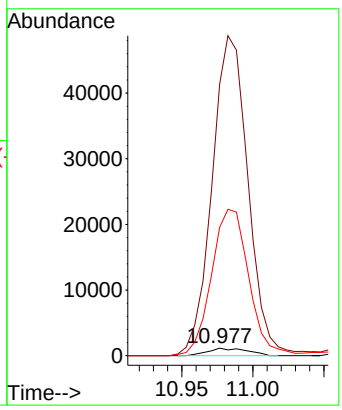


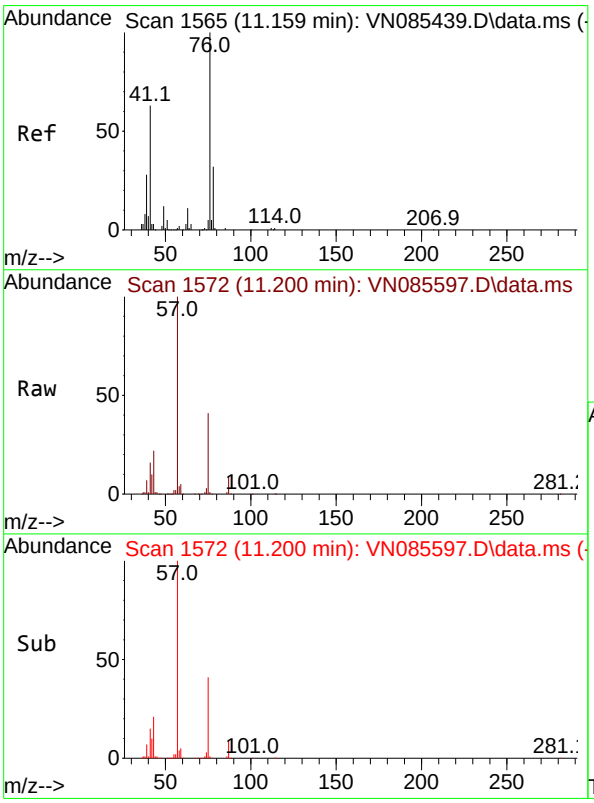
#56
Ethyl methacrylate
Concen: 2.501 ug/l
RT: 10.977 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 2205

Ion	Ratio	Lower	Upper
69	100		
41	3912.2	54.6	82.0#
39	1848.2	32.4	48.6#

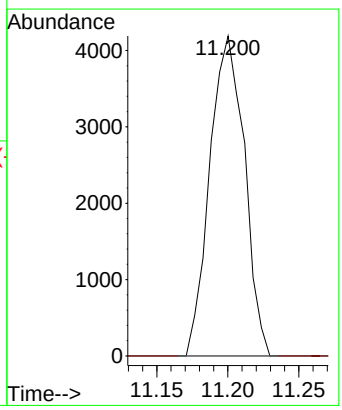


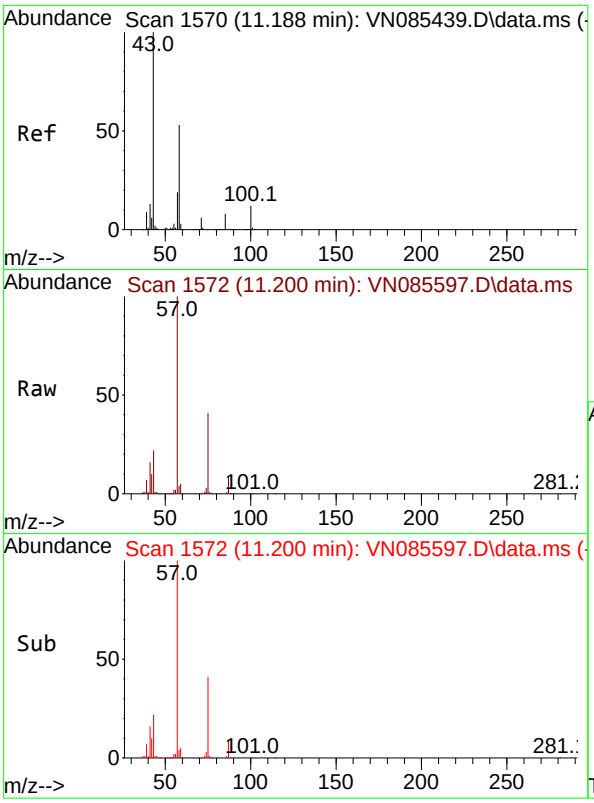


#57
1,3-Dichloropropane
Concen: 1.855 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 76 Resp: 7122

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



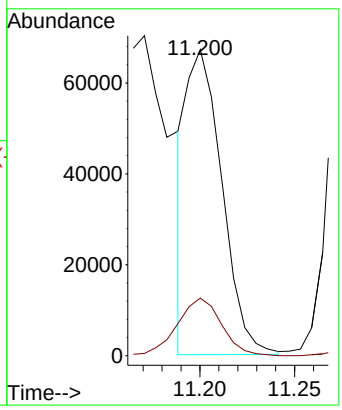


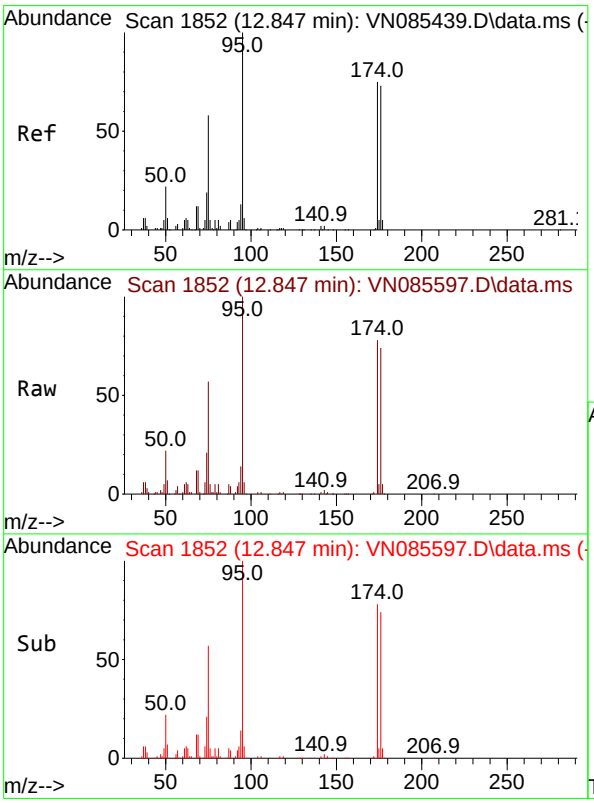
#59
2-Hexanone
Concen: 41.549 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 87934

Ion	Ratio	Lower	Upper
43	100		
58	23.5	26.2	78.6#

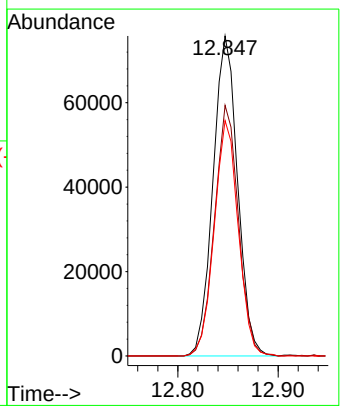


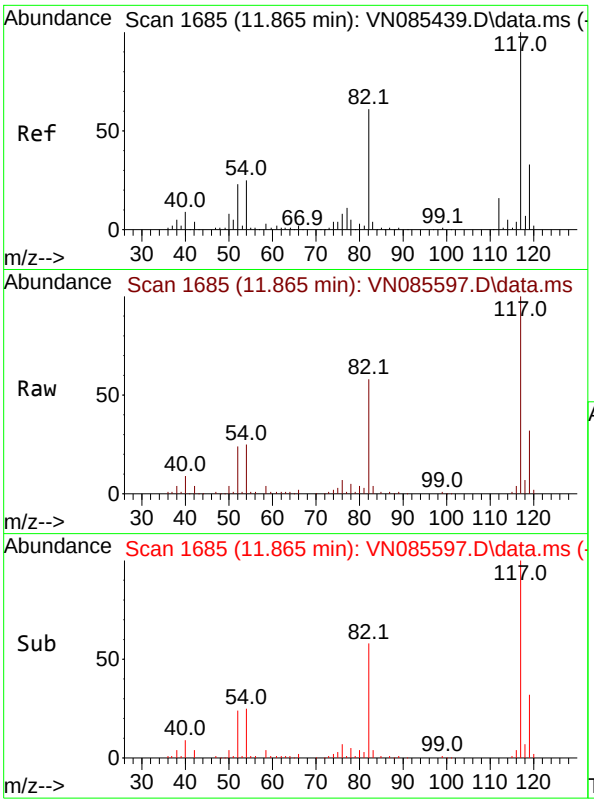


#62
4-Bromofluorobenzene
Concen: 46.488 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 95 Resp: 129020

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	145.0
176	71.9	0.0	142.4



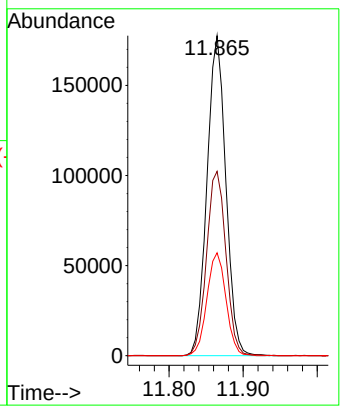


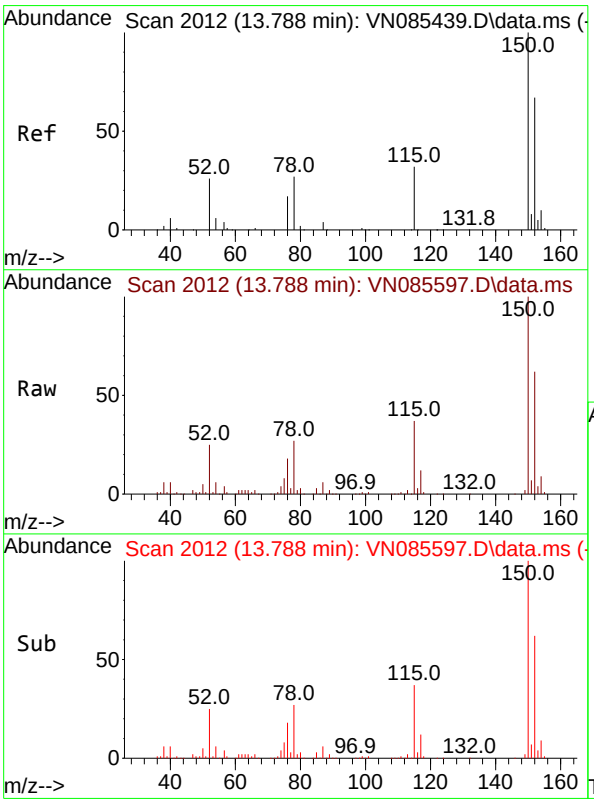
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 313653

Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.6	72.8
119	32.1	26.6	39.8

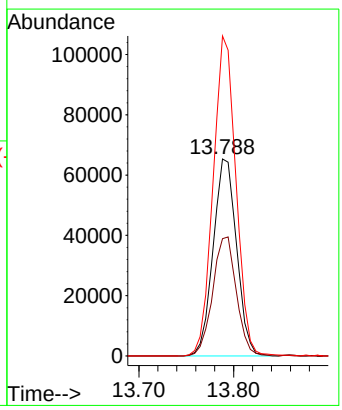


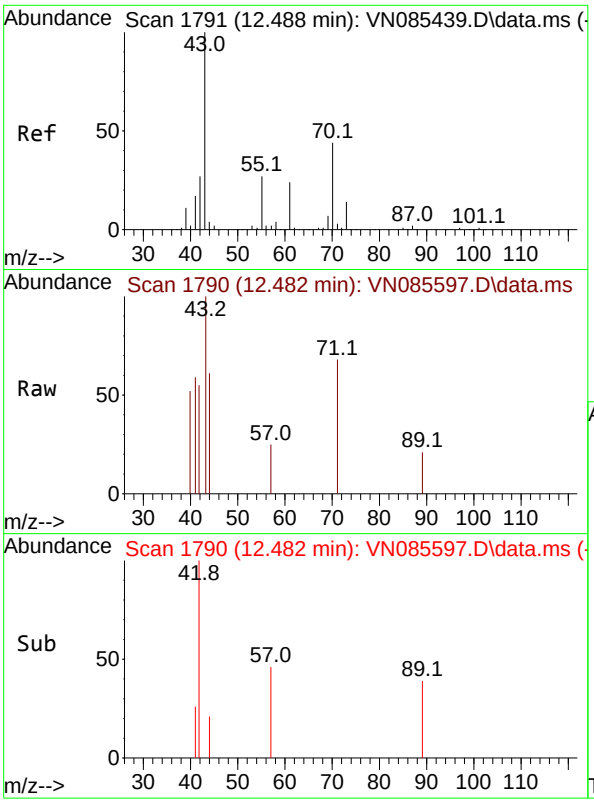


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion:152 Resp: 112594

Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.1	93.3
150	157.9	0.0	343.6



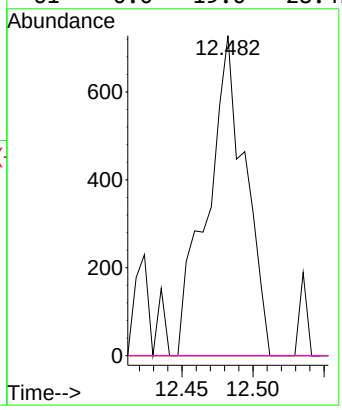


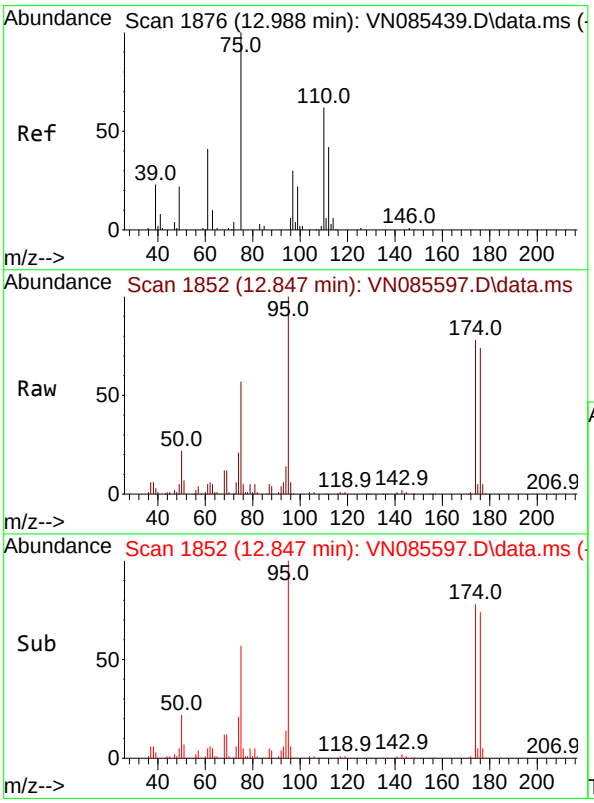
#74
N-amyl acetate
Concen: 0.393 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1343

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#

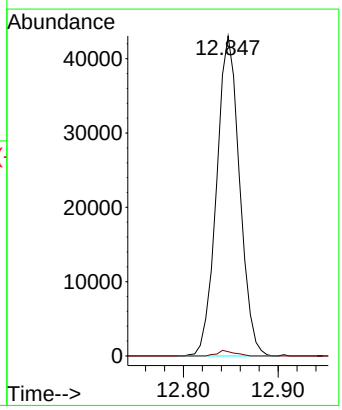


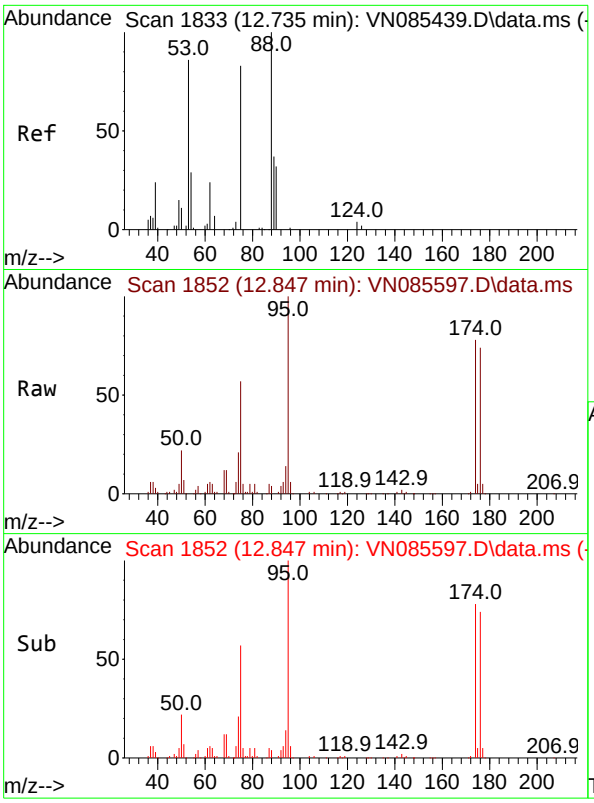


#76
1,2,3-Trichloropropane
Concen: 31.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion: 75 Resp: 72855

Ion	Ratio	Lower	Upper
75	100		
77	1.3	109.7	329.2#



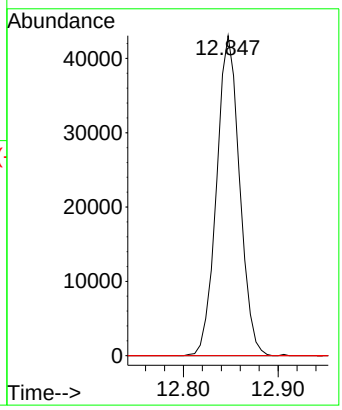


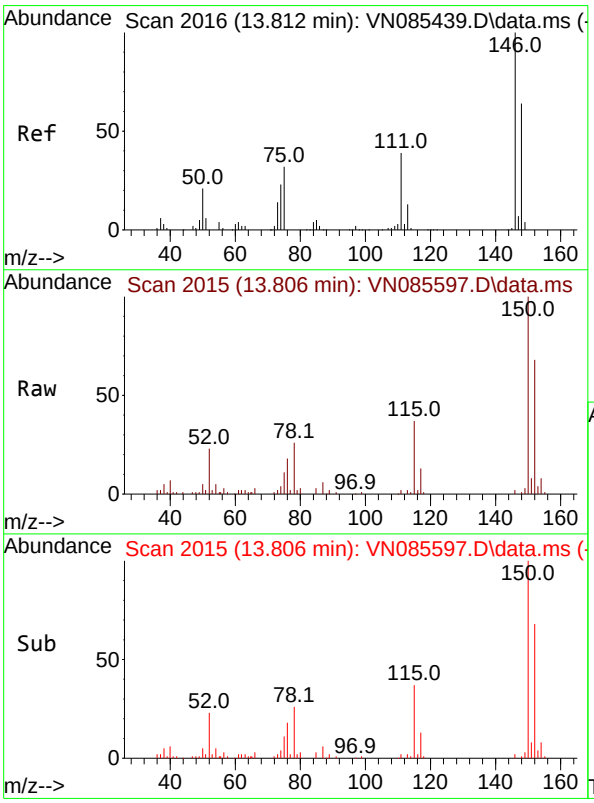
#81
trans-1,4-Dichloro-2-butene
Concen: 86.133 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 72855

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

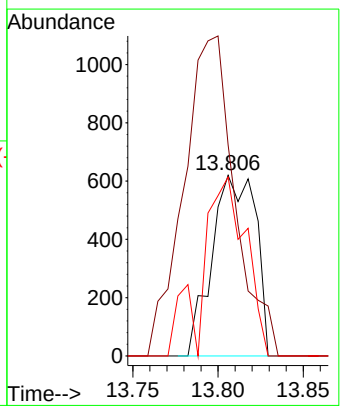


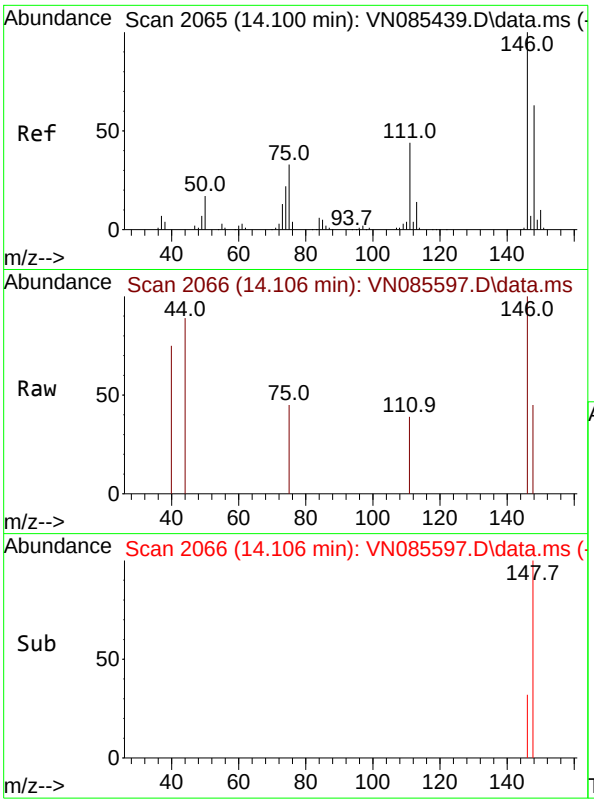


#88
1,4-Dichlorobenzene
Concen: 0.293 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion:146 Resp: 1109

Ion	Ratio	Lower	Upper
146	100		
111	206.5	21.3	63.7#
148	98.8	32.4	97.0#



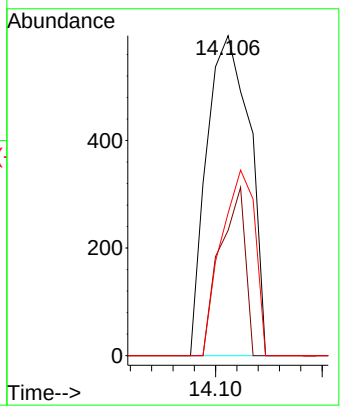


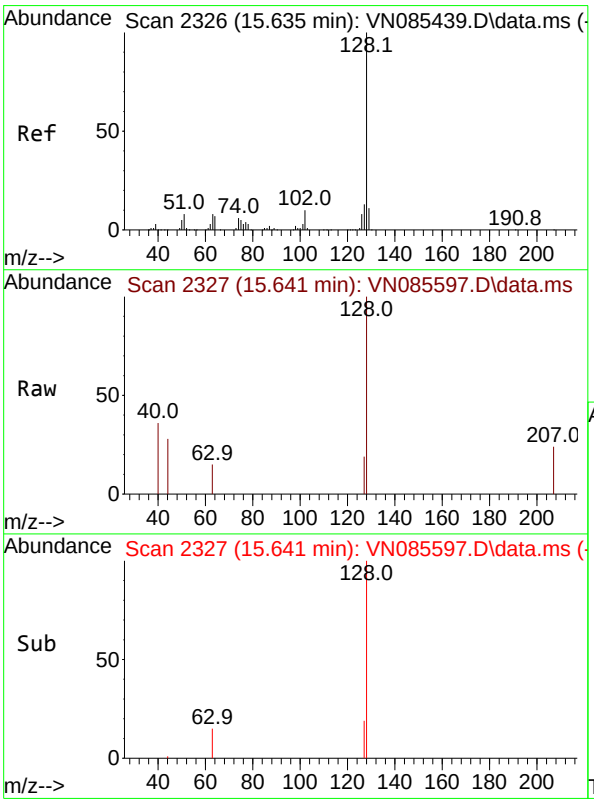
#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 831

Ion	Ratio	Lower	Upper
146	100		
111	31.0	21.7	65.1
148	45.7	31.4	94.2





#95
Naphthalene
Concen: 0.393 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085597.D
Acq: 31 Jan 2025 13:15

Tgt Ion:128 Resp: 1988

Ion	Ratio	Lower	Upper
128	100		
127	6.6	10.6	16.0#
129	2.9	8.8	13.2#