Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085598.D
Acq On : 31 Jan 2025 13:39
Operator : JC\MD
Sample : PB166357ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Quant Time: Jan 31 22:27:48 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

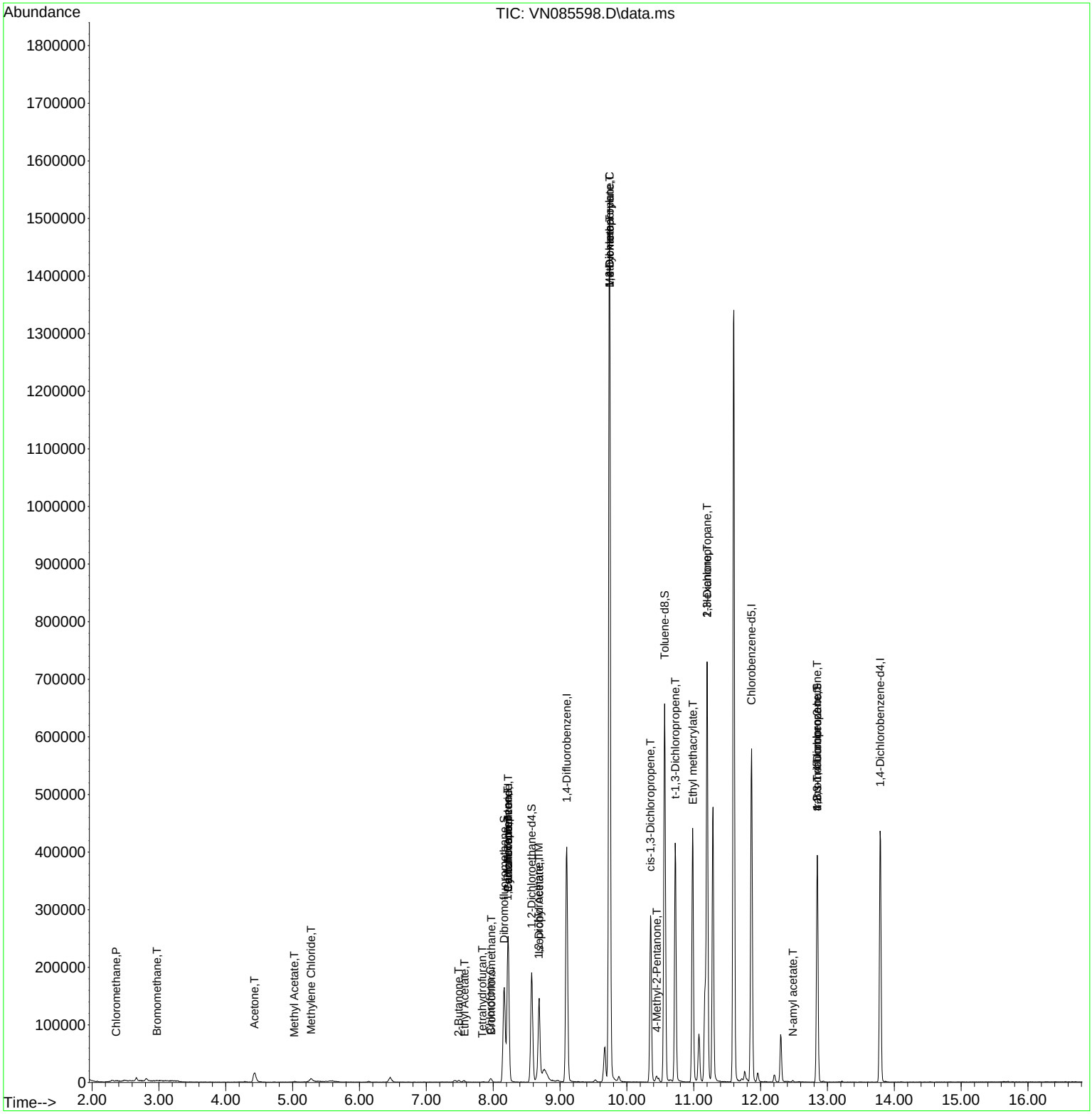
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	170516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156433	56.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.660%			
35) Dibromofluoromethane	8.165	113	115861	50.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.565	98	429186	52.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.847	95	129413	46.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.360%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	663	0.265	ug/l	97
5) Bromomethane	2.971	94	338	0.223	ug/l	95
16) Acetone	4.430	43	31784	35.738	ug/l	100
18) Methyl Acetate	5.024	43	2103	0.778	ug/l #	60
20) Methylene Chloride	5.277	84	3909	1.775	ug/l	92
25) 2-Butanone	7.483	43	5266	4.024	ug/l #	86
28) Bromochloromethane	7.971	49	467	0.250	ug/l #	18
29) Tetrahydrofuran	7.836	42	664	0.800	ug/l #	34
30) Chloroform	7.959	83	6501	1.565	ug/l	97
31) Cyclohexane	8.224	56	4785	1.370	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	16881	5.217	ug/l #	48
37) Ethyl Acetate	7.571	43	4329	1.325	ug/l #	75
38) Carbon Tetrachloride	8.224	117	19539	5.274	ug/l #	18
42) 1,2-Dichloroethane	8.683	62	946	0.258	ug/l #	76
43) Isopropyl Acetate	8.688	43	159520	30.479	ug/l #	88
45) 1,2-Dichloropropane	9.741	63	1745	0.703	ug/l #	43
48) Methyl methacrylate	9.741	41	146938	62.387	ug/l #	46
49) 1,4-Dioxane	9.741	88	121	3.051	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	10490	3.454	ug/l #	74
53) t-1,3-Dichloropropene	10.724	75	842	0.244	ug/l #	45
54) cis-1,3-Dichloropropene	10.353	75	47479	12.883	ug/l #	72
56) Ethyl methacrylate	10.988	69	2326	2.526	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	7061	1.821	ug/l #	43
59) 2-Hexanone	11.200	43	88783	41.547	ug/l #	57
74) N-amyl acetate	12.482	43	1220	0.354	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	72799	31.514	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72799	85.263	ug/l #	3

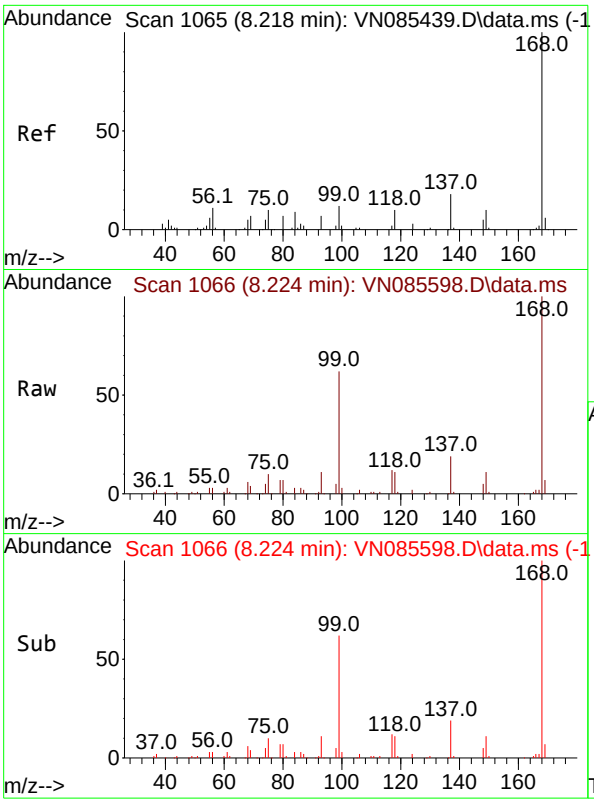
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085598.D
Acq On : 31 Jan 2025 13:39
Operator : JC\MD
Sample : PB166357ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Quant Time: Jan 31 22:27:48 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



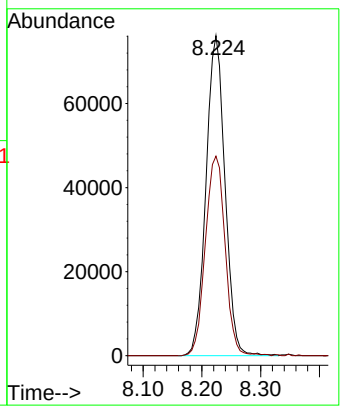


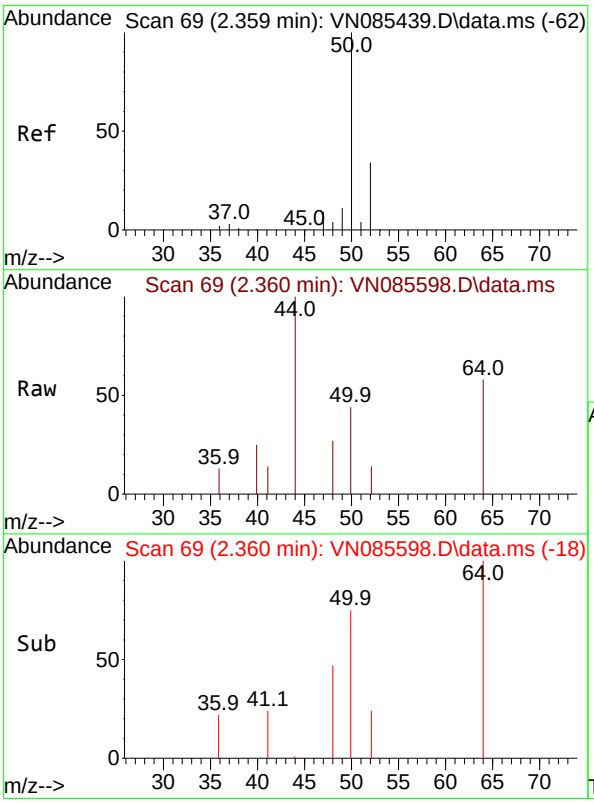
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion:168 Resp: 170516

Ion	Ratio	Lower	Upper
168	100		
99	62.4	53.6	80.4

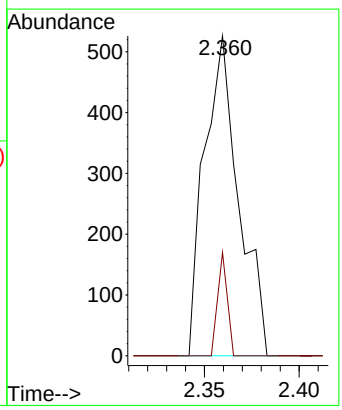


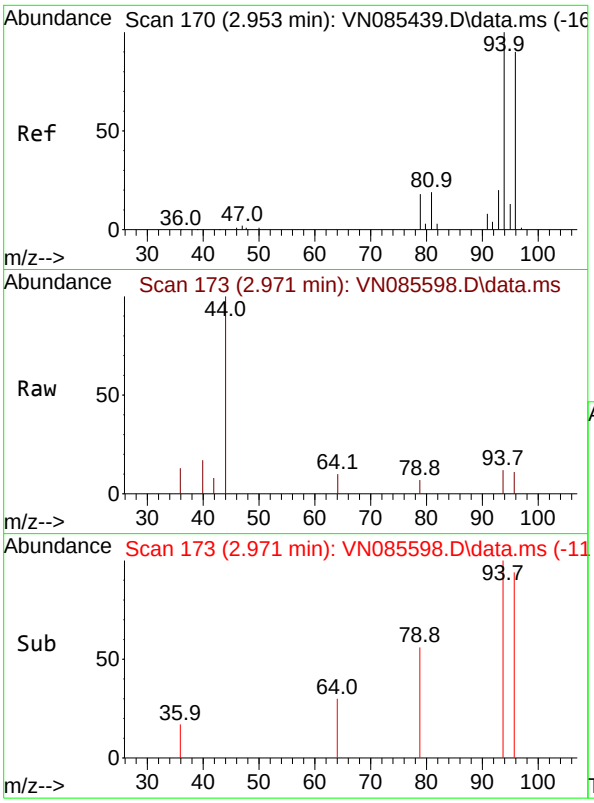


#3
Chloromethane
Concen: 0.265 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 50 Resp: 663

Ion	Ratio	Lower	Upper
50	100		
52	32.3	27.0	40.6



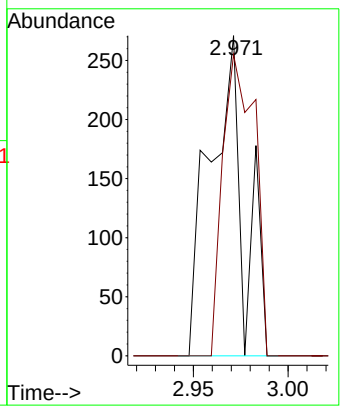


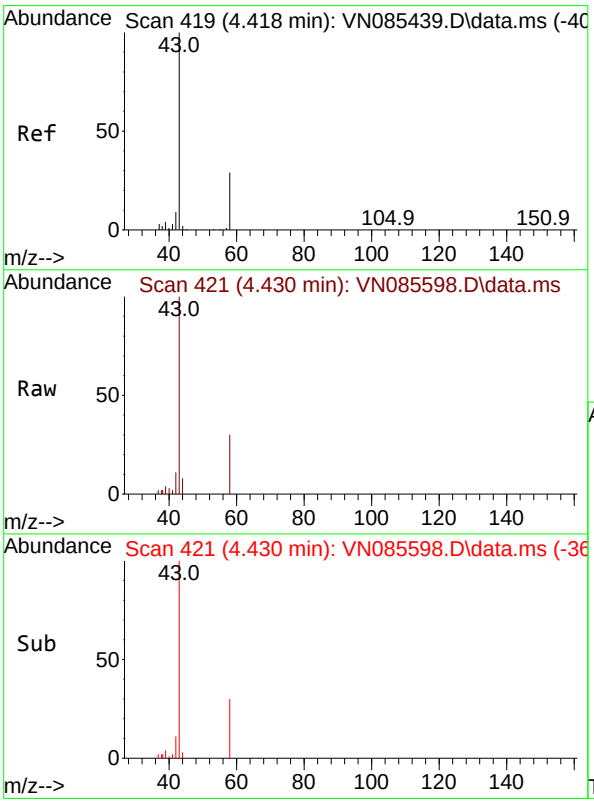
#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.971 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 94 Resp: 338

Ion	Ratio	Lower	Upper
94	100		
96	94.1	71.8	107.6

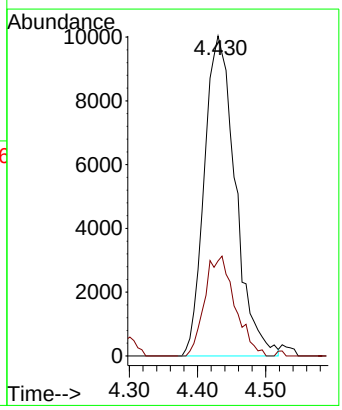


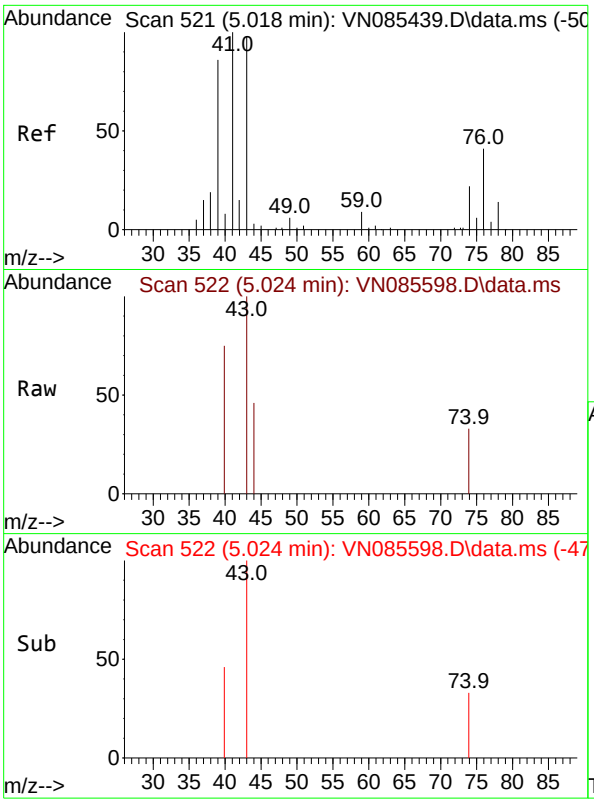


#16
Acetone
Concen: 35.738 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 43 Resp: 31784

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.6



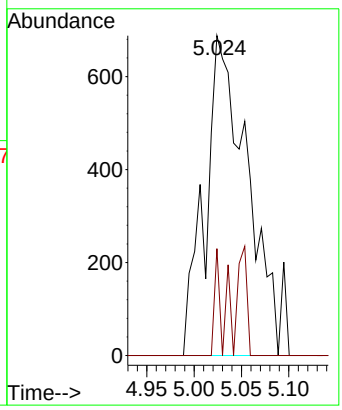


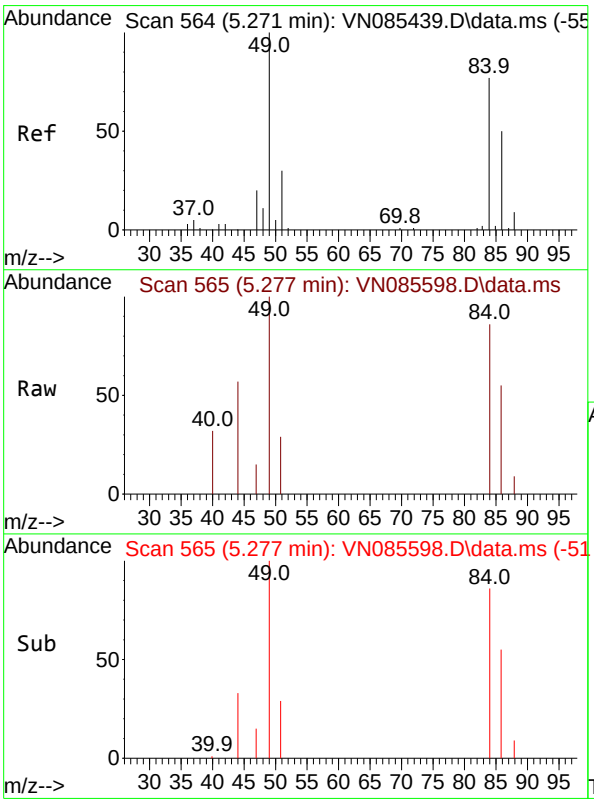
#18
Methyl Acetate
Concen: 0.778 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 43 Resp: 2103

Ion	Ratio	Lower	Upper
43	100		
74	3.9	18.6	28.0#

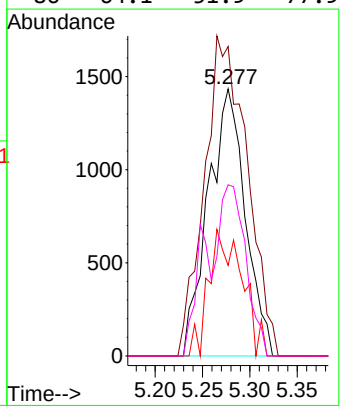


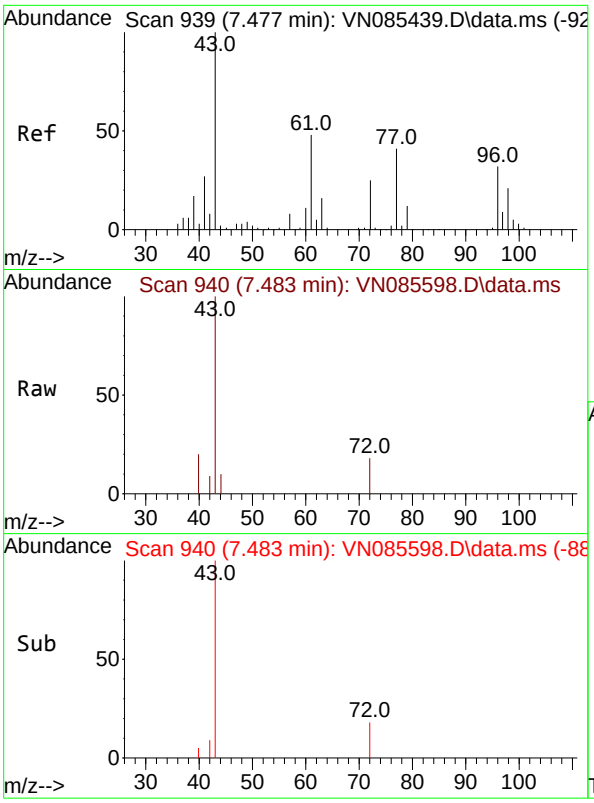


#20
Methylene Chloride
Concen: 1.775 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 84 Resp: 3909

Ion	Ratio	Lower	Upper
84	100		
49	115.8	104.1	156.1
51	33.9	31.0	46.4
86	64.1	51.9	77.9



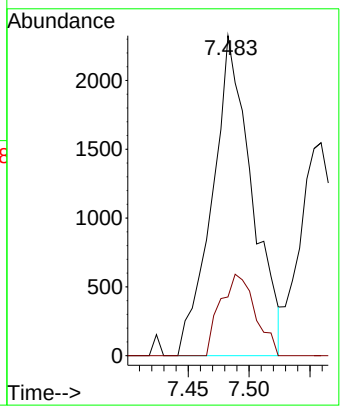


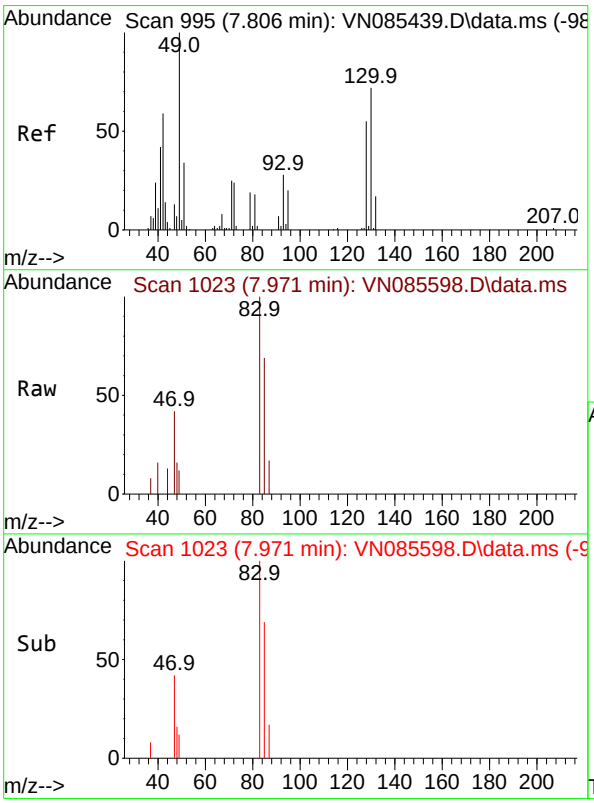
#25
2-Butanone
Concen: 4.024 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 43 Resp: 5266

Ion	Ratio	Lower	Upper
43	100		
72	18.4	20.2	30.4#

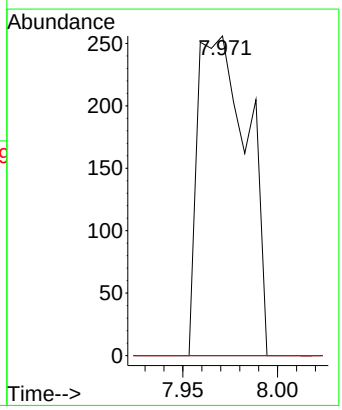


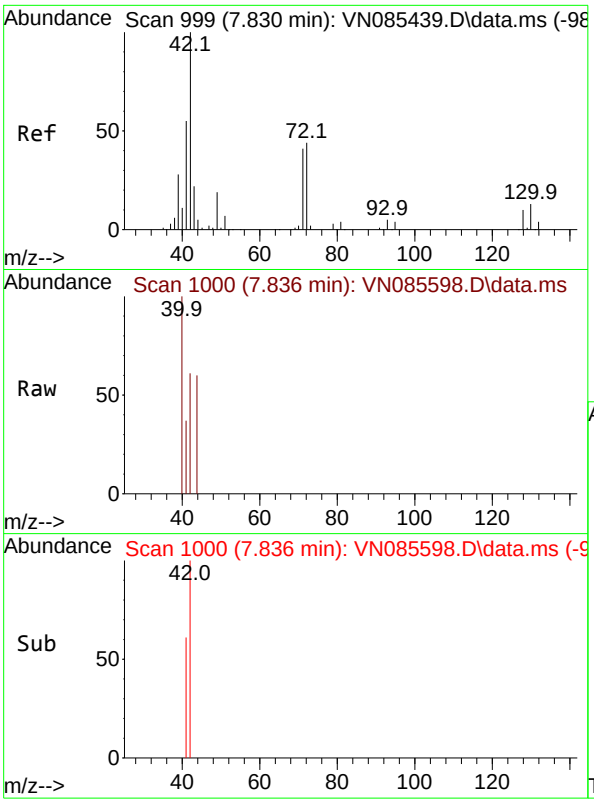


#28
Bromochloromethane
Concen: 0.250 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.165 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 49 Resp: 467

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



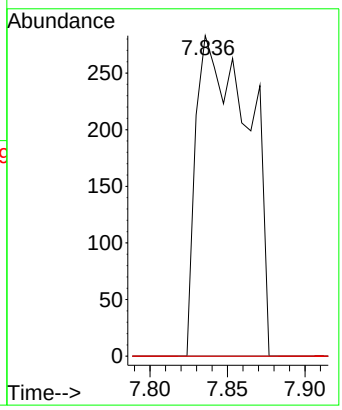


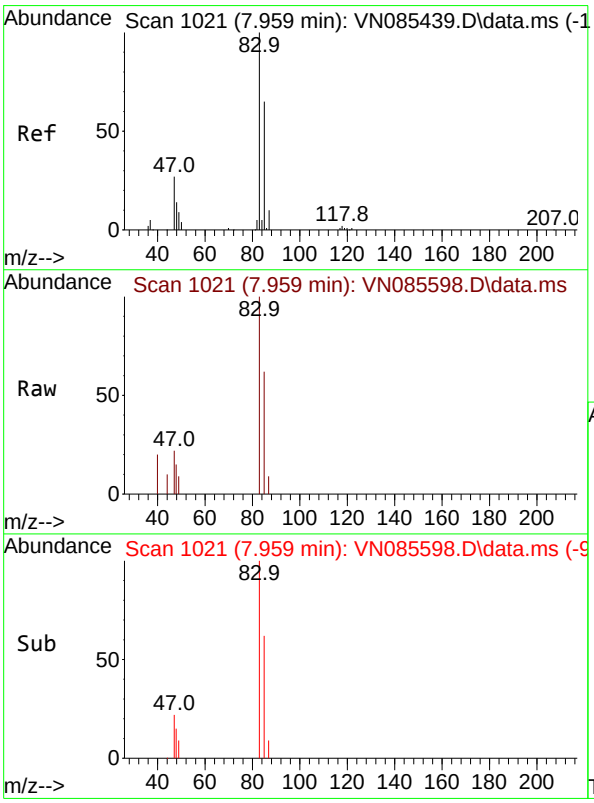
#29
Tetrahydrofuran
Concen: 0.800 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 42 Resp: 664

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

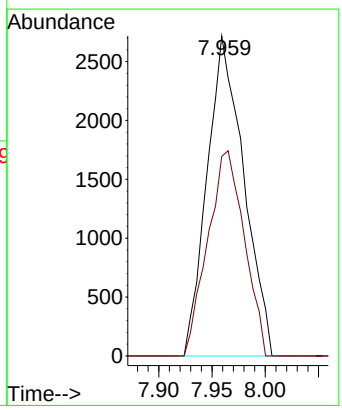


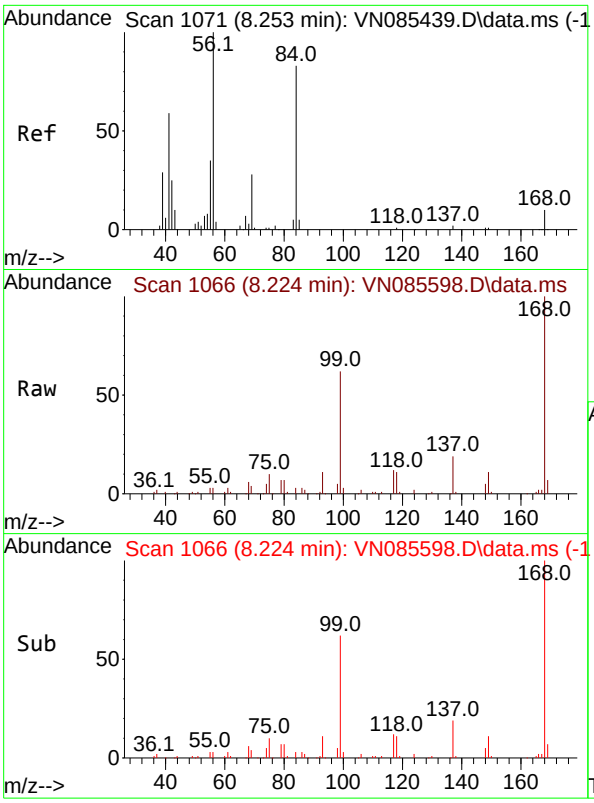


#30
Chloroform
Concen: 1.565 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 83 Resp: 6501

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.8	77.6



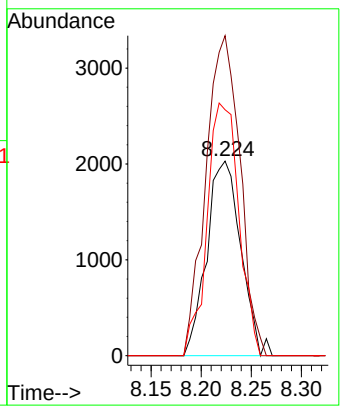


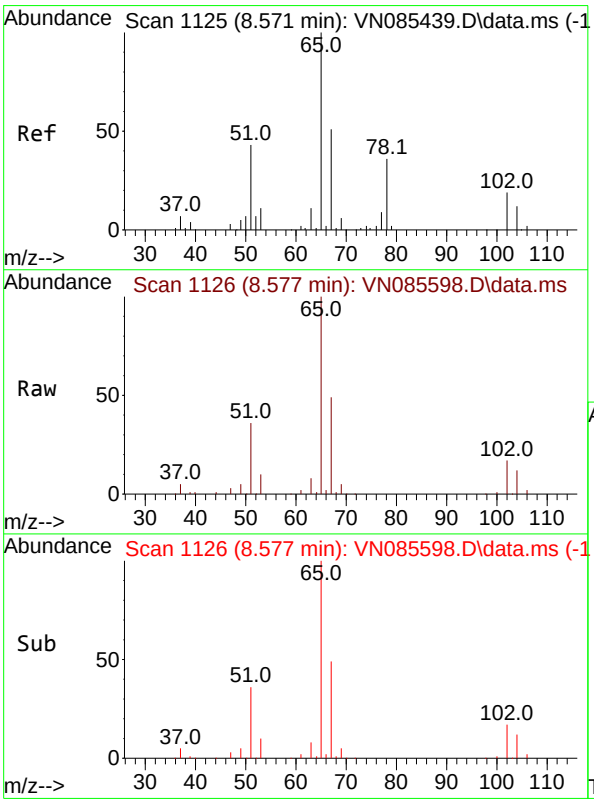
#31
Cyclohexane
Concen: 1.370 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 56 Resp: 4785

Ion	Ratio	Lower	Upper
56	100		
69	164.5	22.2	33.4#
84	126.5	66.4	99.6#

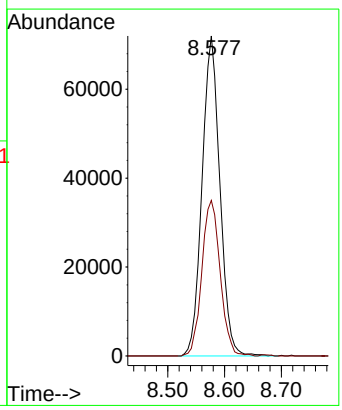


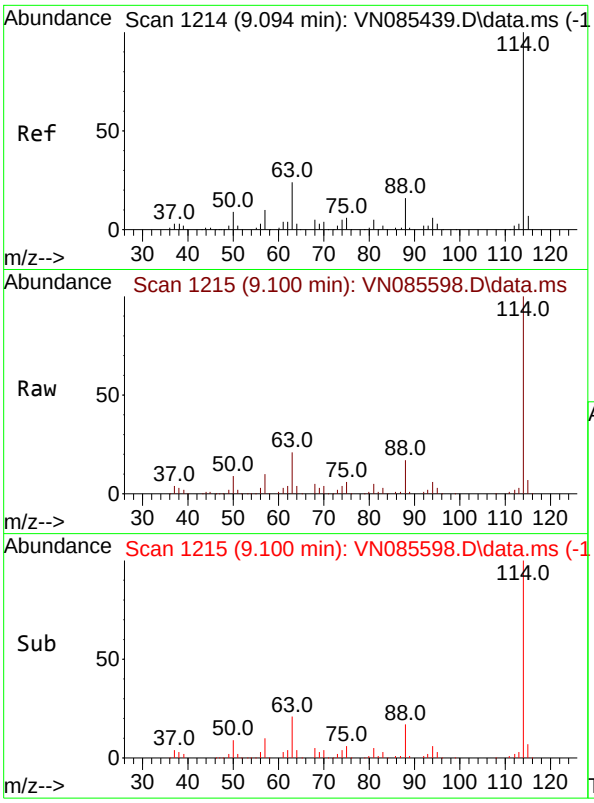


#33
1,2-Dichloroethane-d4
Concen: 56.833 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 65 Resp: 156433

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.6



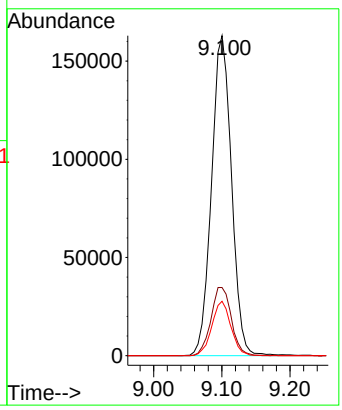


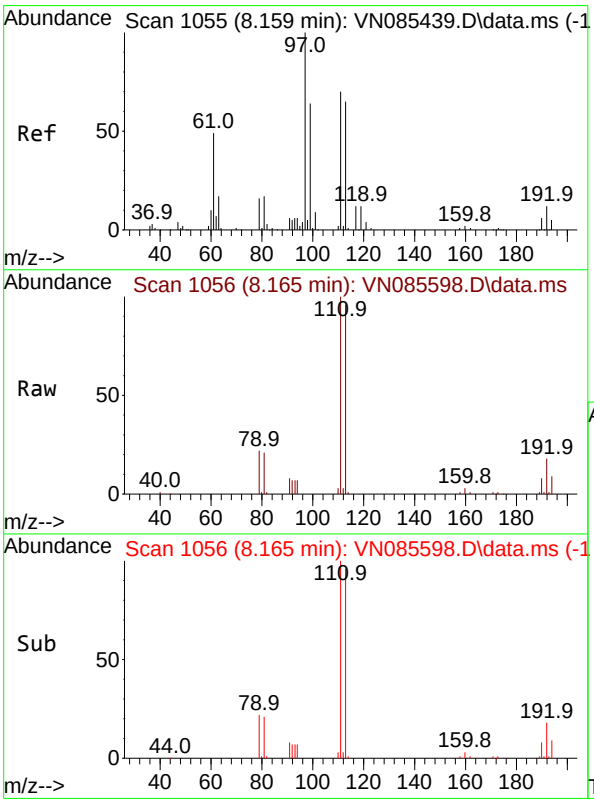
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion:114 Resp: 332349

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	47.6
88	17.0	0.0	32.6

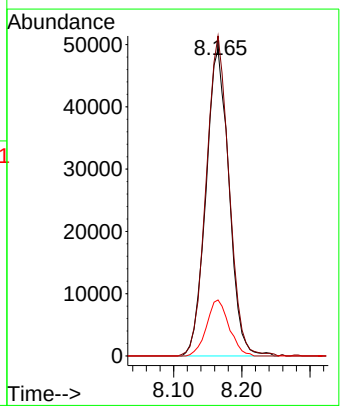


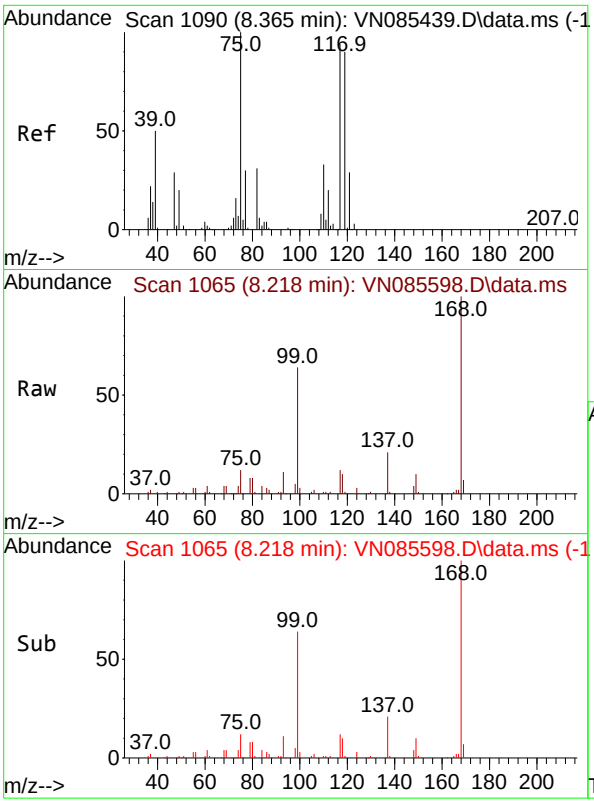


#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion:113 Resp: 115861

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	17.8	14.3	21.5



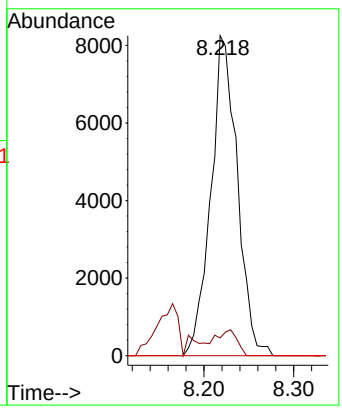


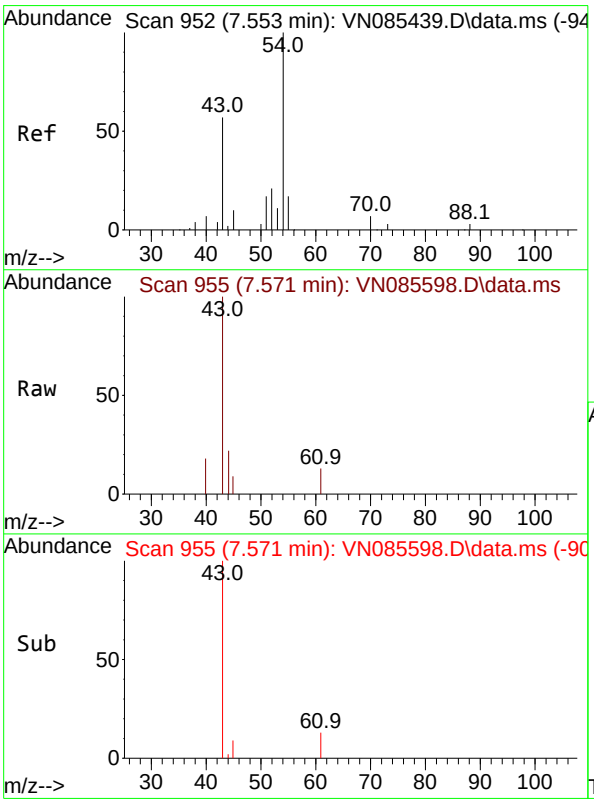
#36
1,1-Dichloropropene
Concen: 5.217 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 75 Resp: 16881

Ion	Ratio	Lower	Upper
75	100		
110	6.2	16.5	49.5#
77	0.0	24.4	36.6#

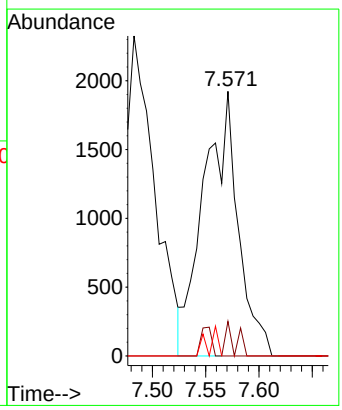


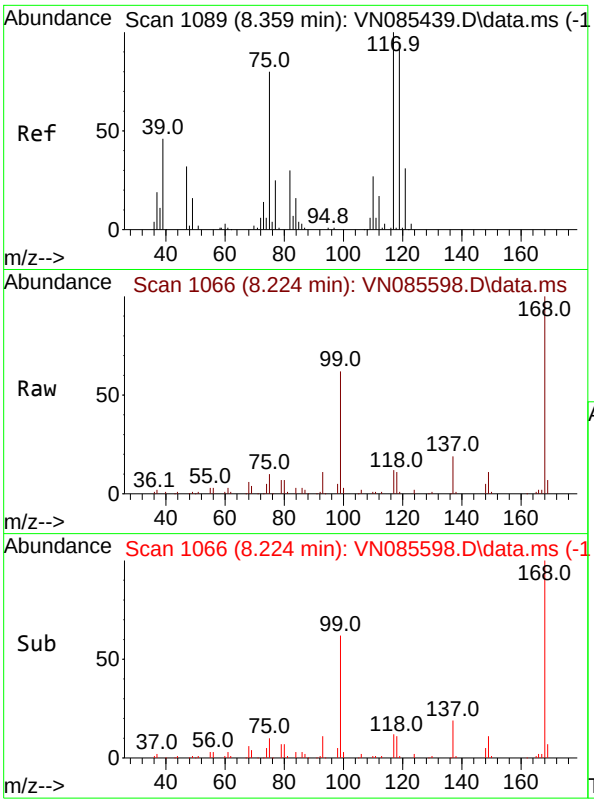


#37
Ethyl Acetate
Concen: 1.325 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.018 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 43 Resp: 4329

Ion	Ratio	Lower	Upper
43	100		
61	3.7	10.9	16.3#
70	0.0	7.5	11.3#



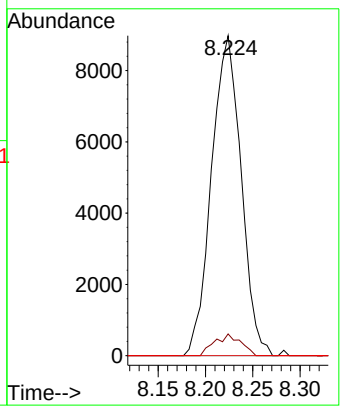


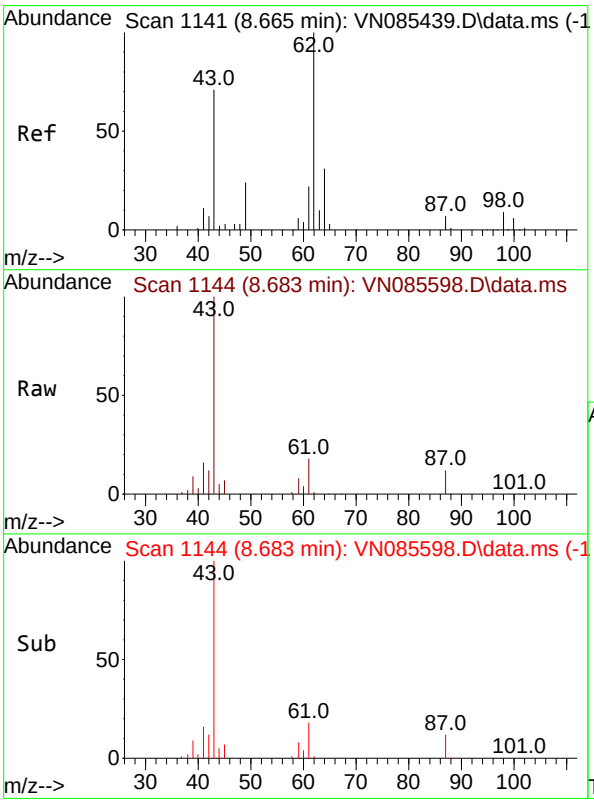
#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion:117 Resp: 19539

Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.4	113.2#
121	0.0	24.6	37.0#

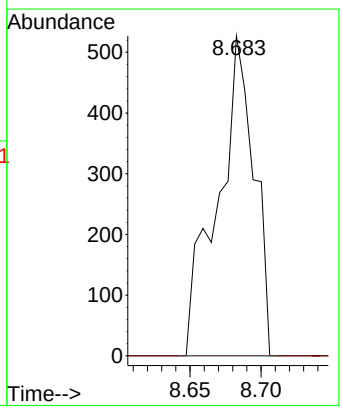


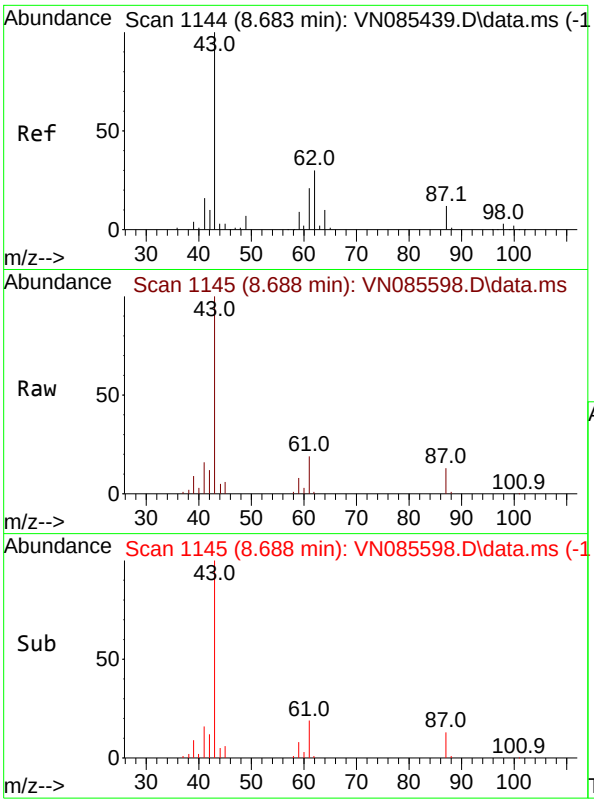


#42
1,2-Dichloroethane
Concen: 0.258 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.018 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 62 Resp: 946

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



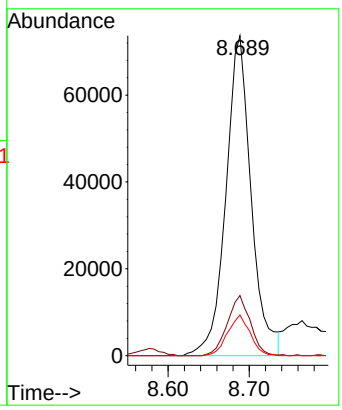


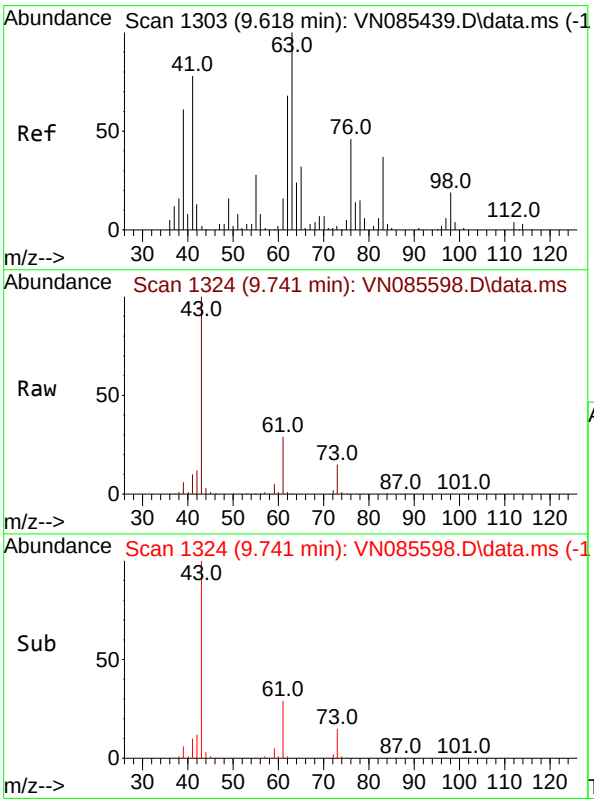
#43
Isopropyl Acetate
Concen: 30.479 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 43 Resp: 159520

Ion	Ratio	Lower	Upper
43	100		
61	17.1	20.7	31.1#
87	11.3	9.8	14.8

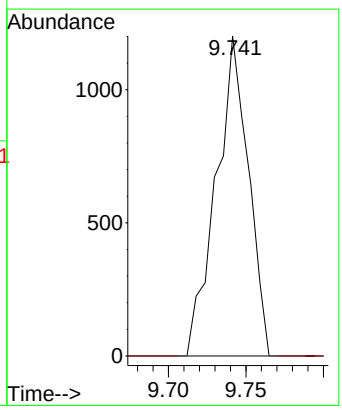


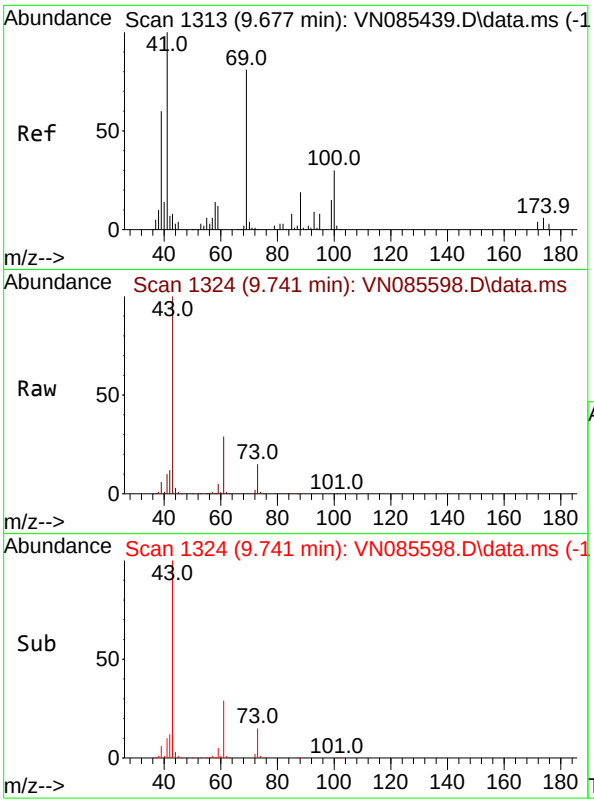


#45
1,2-Dichloropropane
Concen: 0.703 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 63 Resp: 1745

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



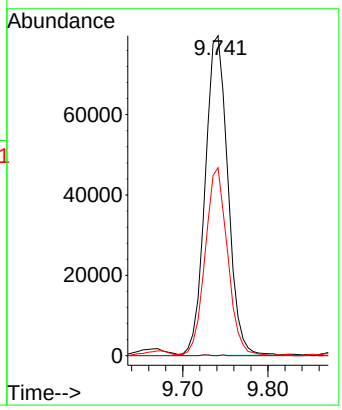


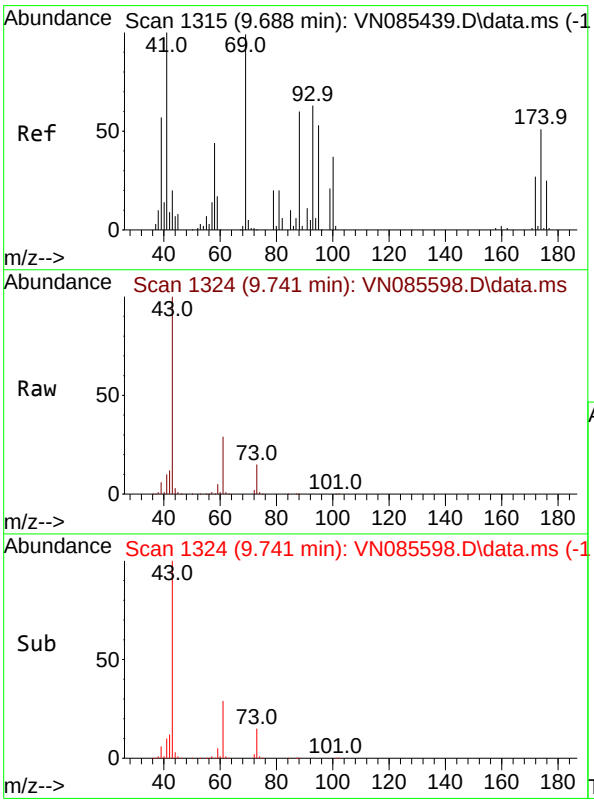
#48
Methyl methacrylate
Concen: 62.387 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 41 Resp: 146938

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	57.4	49.0	73.6

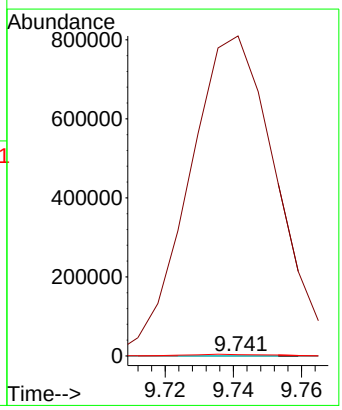


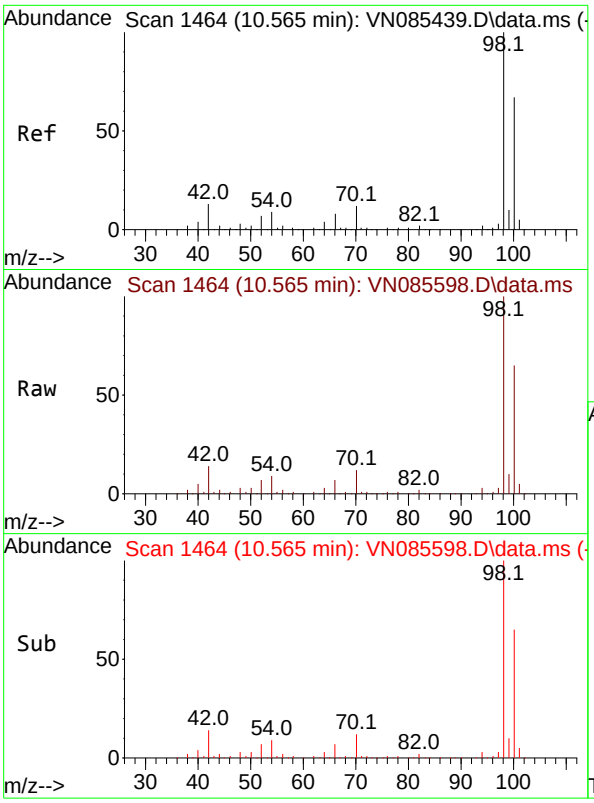


#49
1,4-Dioxane
Concen: 3.051 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.053 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 88 Resp: 121

Ion	Ratio	Lower	Upper
88	100		
43	1207542.1	26.6	39.8#
58	6467.8	59.5	89.3#



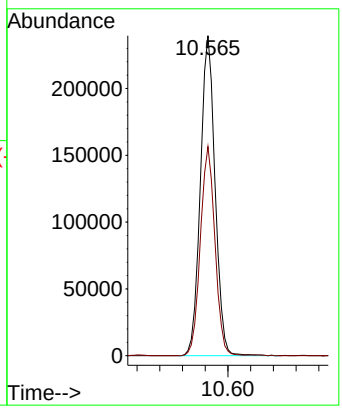


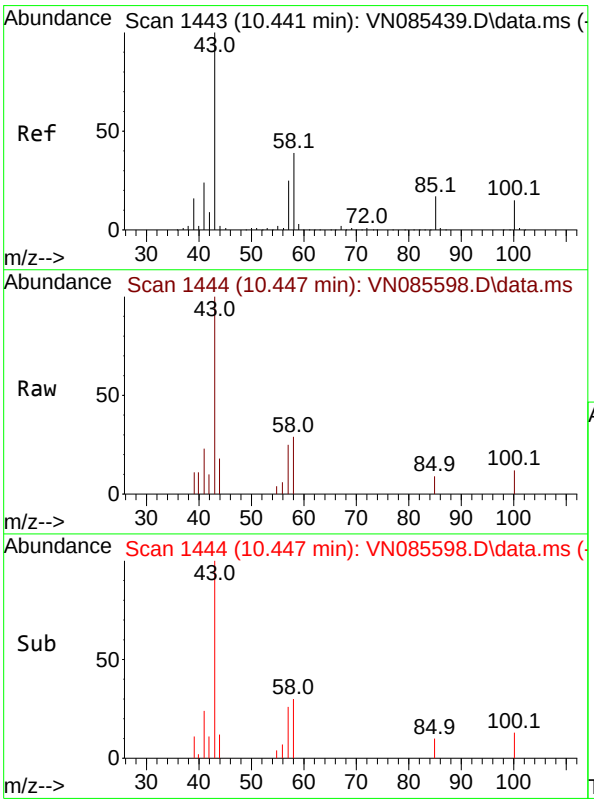
#50
Toluene-d8
Concen: 52.391 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 98 Resp: 429186

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

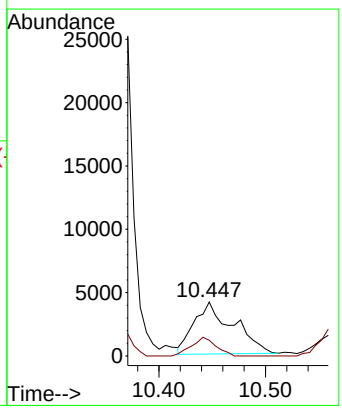


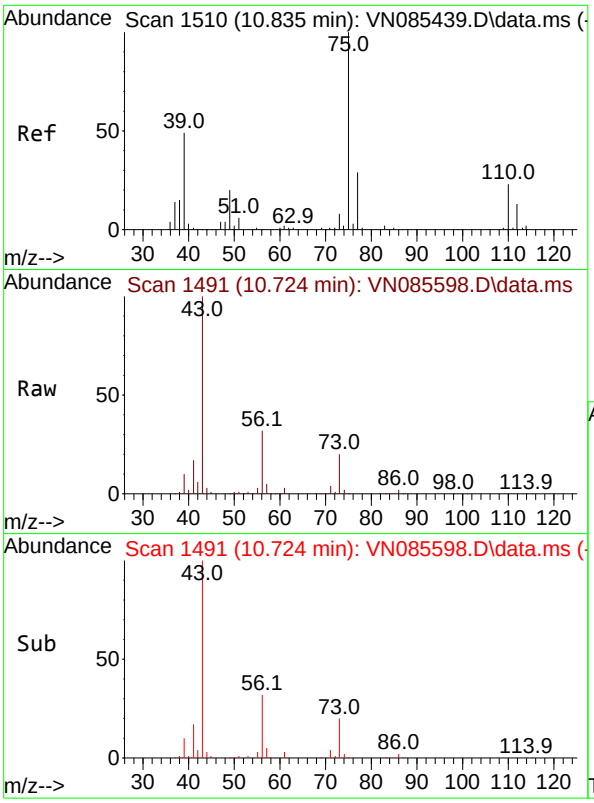


#51
4-Methyl-2-Pentanone
Concen: 3.454 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 43 Resp: 10490

Ion	Ratio	Lower	Upper
43	100		
58	22.4	30.5	45.7#



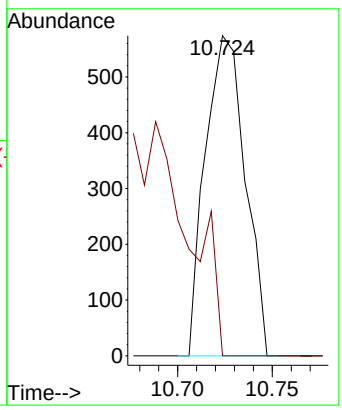


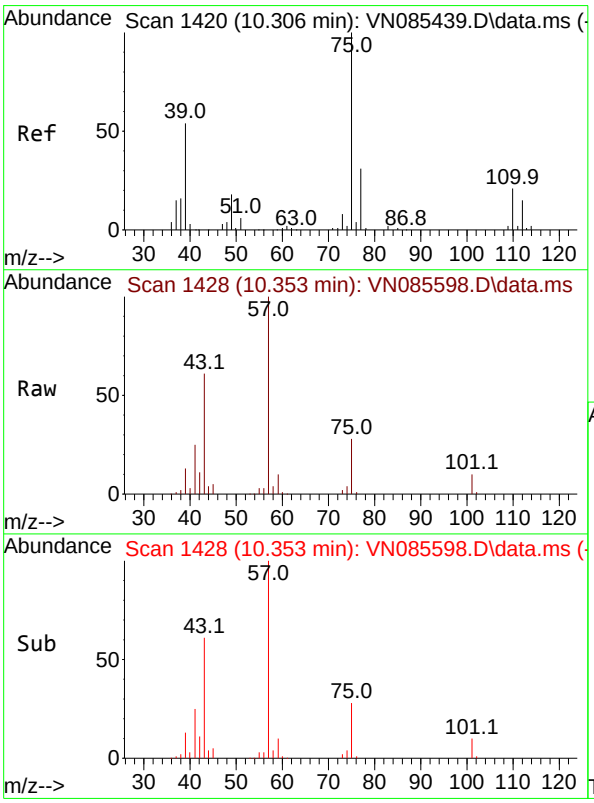
#53
t-1,3-Dichloropropene
Concen: 0.244 ug/l
RT: 10.724 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 75 Resp: 842

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.5	35.3#

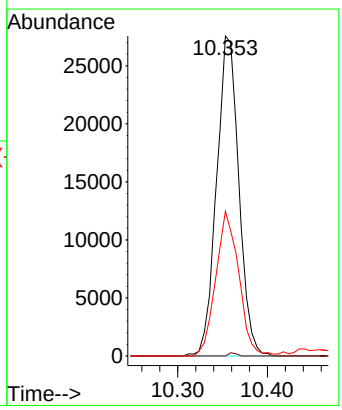


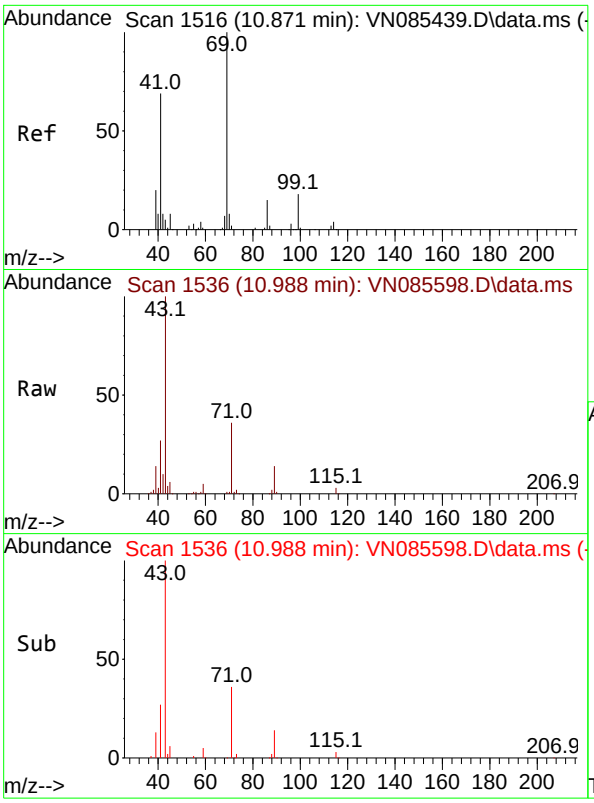


#54
cis-1,3-Dichloropropene
Concen: 12.883 ug/l
RT: 10.353 min Scan# 1428
Delta R.T. 0.047 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 75 Resp: 47479

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	45.2	43.1	64.7



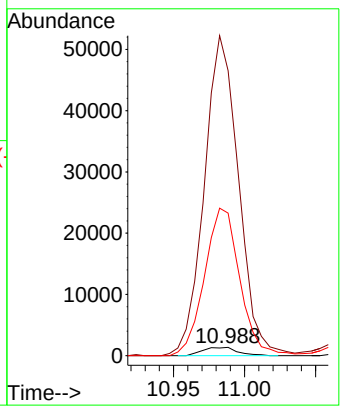


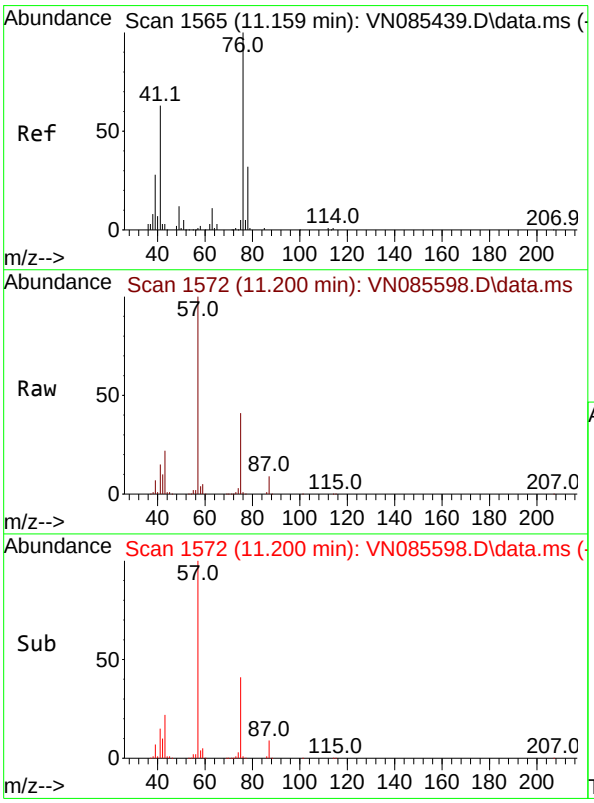
#56
Ethyl methacrylate
Concen: 2.526 ug/l
RT: 10.988 min Scan# 1
Delta R.T. 0.117 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 69 Resp: 2326

Ion	Ratio	Lower	Upper
69	100		
41	3777.5	54.6	82.0#
39	1791.8	32.4	48.6#

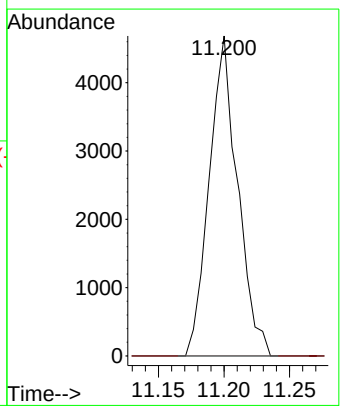


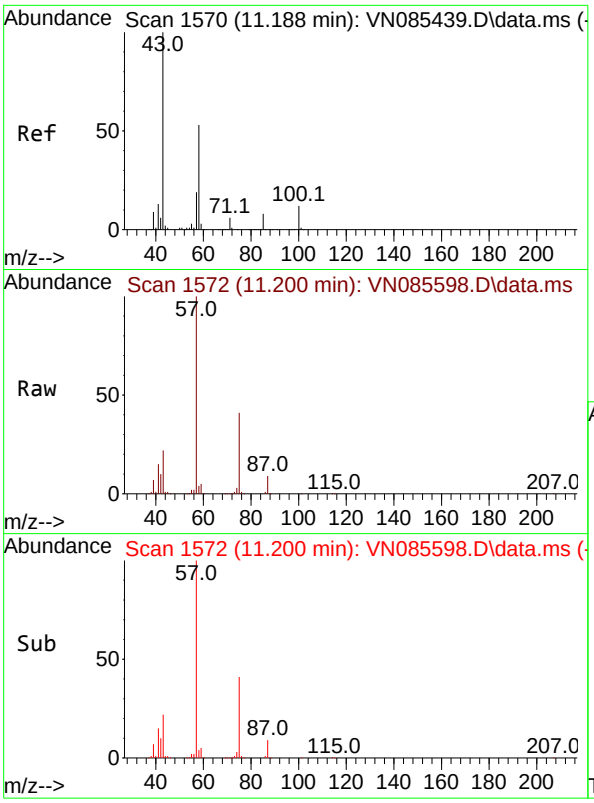


#57
1,3-Dichloropropane
Concen: 1.821 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 76 Resp: 7061

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



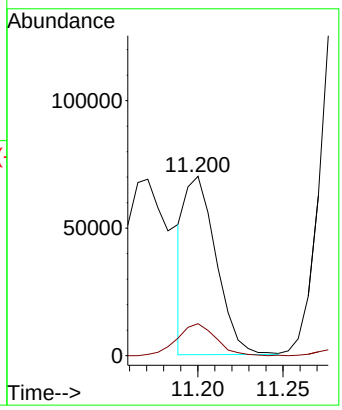


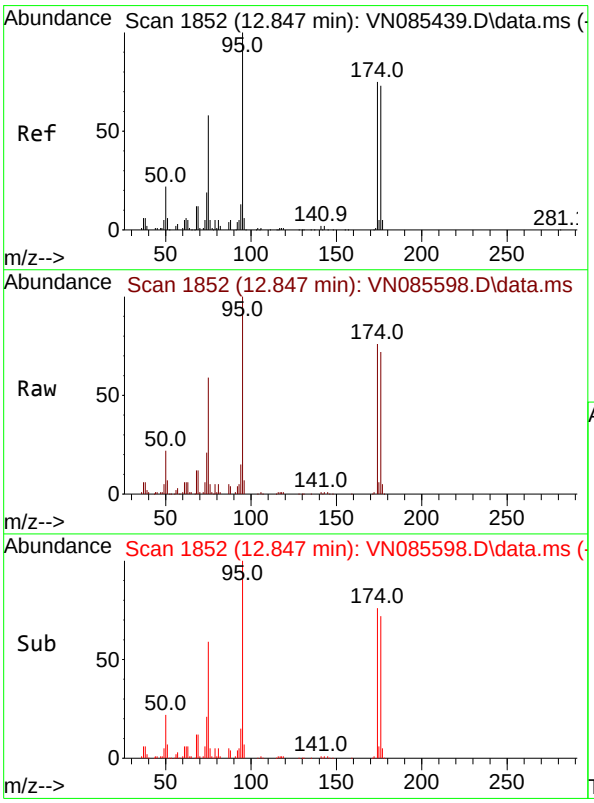
#59
2-Hexanone
Concen: 41.547 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 43 Resp: 88783

Ion	Ratio	Lower	Upper
43	100		
58	22.3	26.2	78.6#

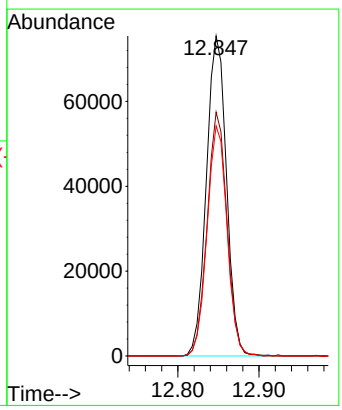


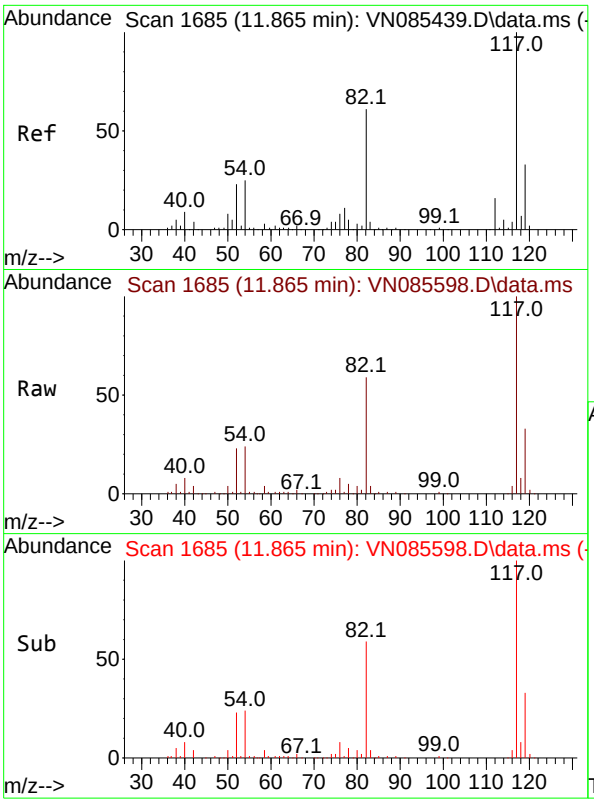


#62
4-Bromofluorobenzene
Concen: 46.181 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 95 Resp: 129413

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	145.0
176	71.5	0.0	142.4



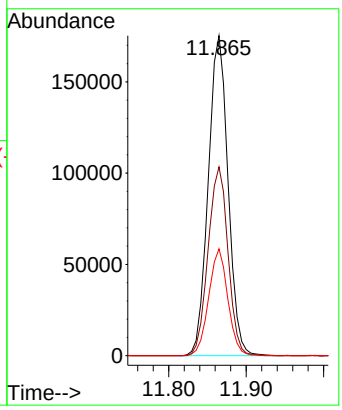


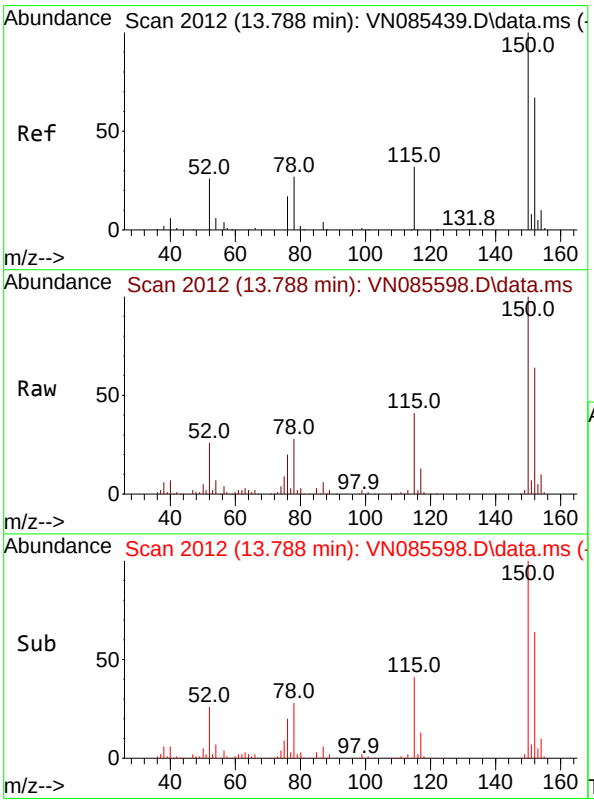
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion:117 Resp: 311772

Ion	Ratio	Lower	Upper
117	100		
82	59.0	48.6	72.8
119	33.4	26.6	39.8

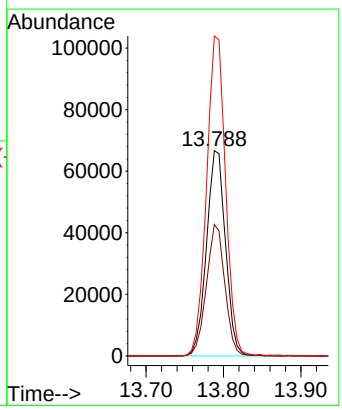


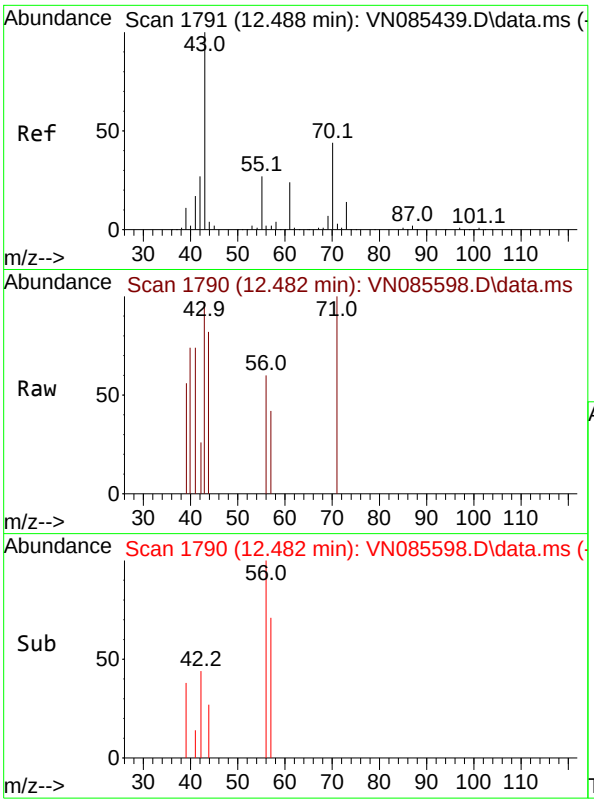


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion:152 Resp: 113655

Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.1	93.3
150	155.8	0.0	343.6



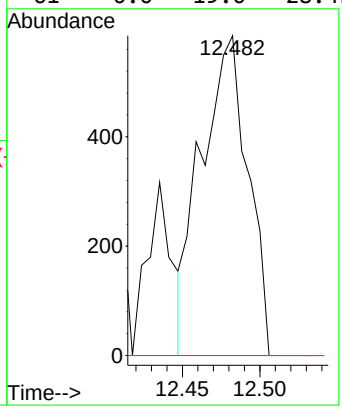


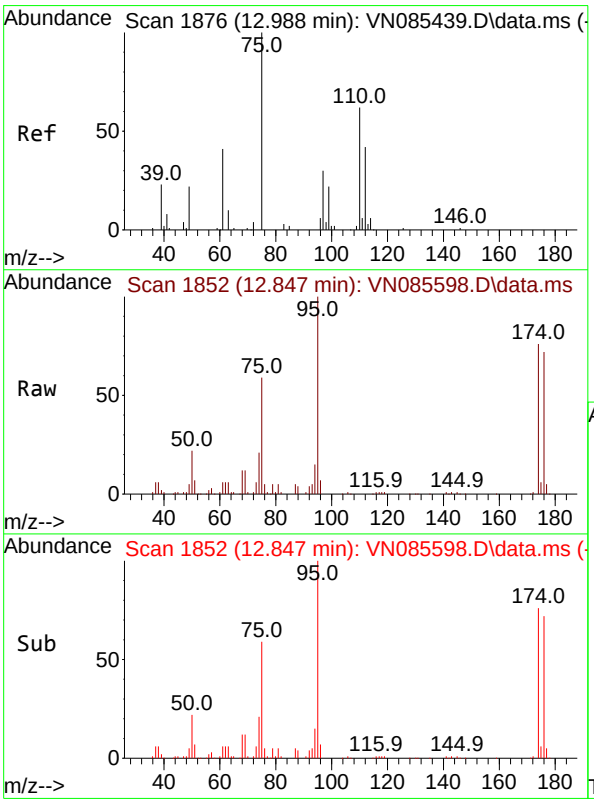
#74
N-amyl acetate
Concen: 0.354 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 43 Resp: 1220

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#

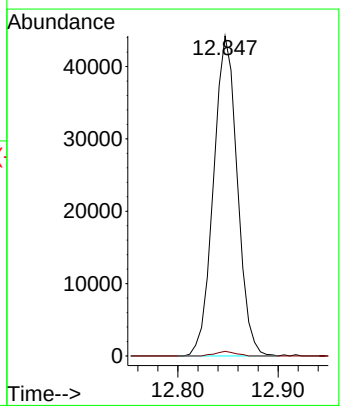


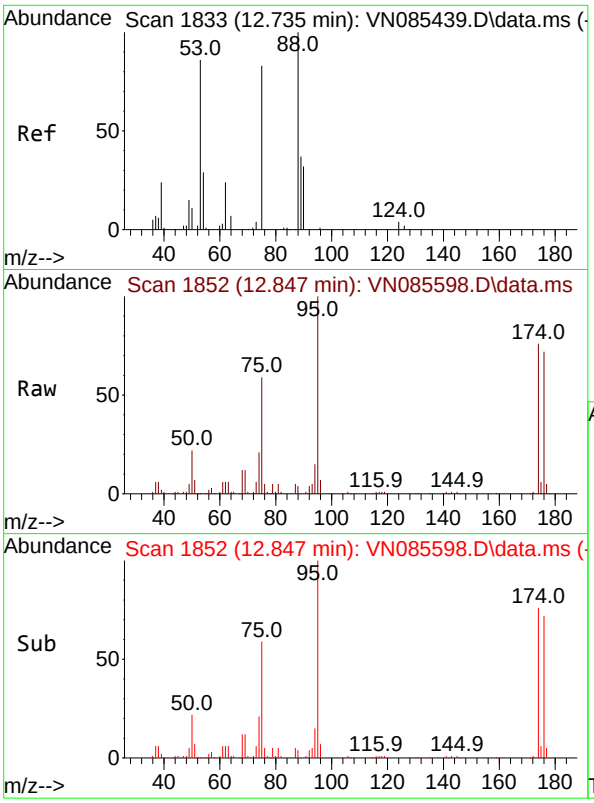


#76
1,2,3-Trichloropropane
Concen: 31.514 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Tgt Ion: 75 Resp: 72799

Ion	Ratio	Lower	Upper
75	100		
77	1.2	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.263 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085598.D
Acq: 31 Jan 2025 13:39

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#03

Tgt Ion: 75 Resp: 72799

Ion	Ratio	Lower	Upper
75	100		
53	0.4	95.6	143.4#
89	0.0	37.0	55.6#