Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085701.D
Acq On : 07 Feb 2025 17:05
Operator : JC\MD
Sample : PB166592ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Quant Time: Feb 07 22:33:39 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	211455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	405445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183716	53.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.165	113	148472	50.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	10.565	98	559099	53.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.847	95	158547	44.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.280%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	752	0.243	ug/l	94
5) Bromomethane	2.983	94	590	0.313	ug/l #	58
6) Chloroethane	3.130	64	416	0.211	ug/l #	44
16) Acetone	4.430	43	39016	35.377	ug/l	94
18) Methyl Acetate	5.036	43	3371	1.005	ug/l #	55
20) Methylene Chloride	5.271	84	3121	1.143	ug/l #	84
25) 2-Butanone	7.500	43	3728	2.297	ug/l #	76
29) Tetrahydrofuran	7.859	42	237	0.230	ug/l #	34
30) Chloroform	7.965	83	1373	0.267	ug/l	96
31) Cyclohexane	8.224	56	5480	1.265	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	19056	4.646	ug/l #	50
37) Ethyl Acetate	7.565	43	4021	0.971	ug/l #	82
38) Carbon Tetrachloride	8.224	117	23559	5.017	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	1348	0.290	ug/l #	76
43) Isopropyl Acetate	8.688	43	197014	29.699	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	2332	0.741	ug/l #	43
48) Methyl methacrylate	9.741	41	162673	54.491	ug/l #	45
49) 1,4-Dioxane	9.735	88	210	4.177	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	12855	3.339	ug/l #	75
53) t-1,3-Dichloropropene	10.729	75	1174	0.268	ug/l #	82
54) cis-1,3-Dichloropropene	10.359	75	56790	12.157	ug/l #	63
56) Ethyl methacrylate	10.982	69	2667	2.470	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	9071	1.846	ug/l #	43
59) 2-Hexanone	11.200	43	95646	35.312	ug/l #	61
74) N-amyl acetate	12.482	43	1489	0.341	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	84284	28.790	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84284	77.894	ug/l #	3

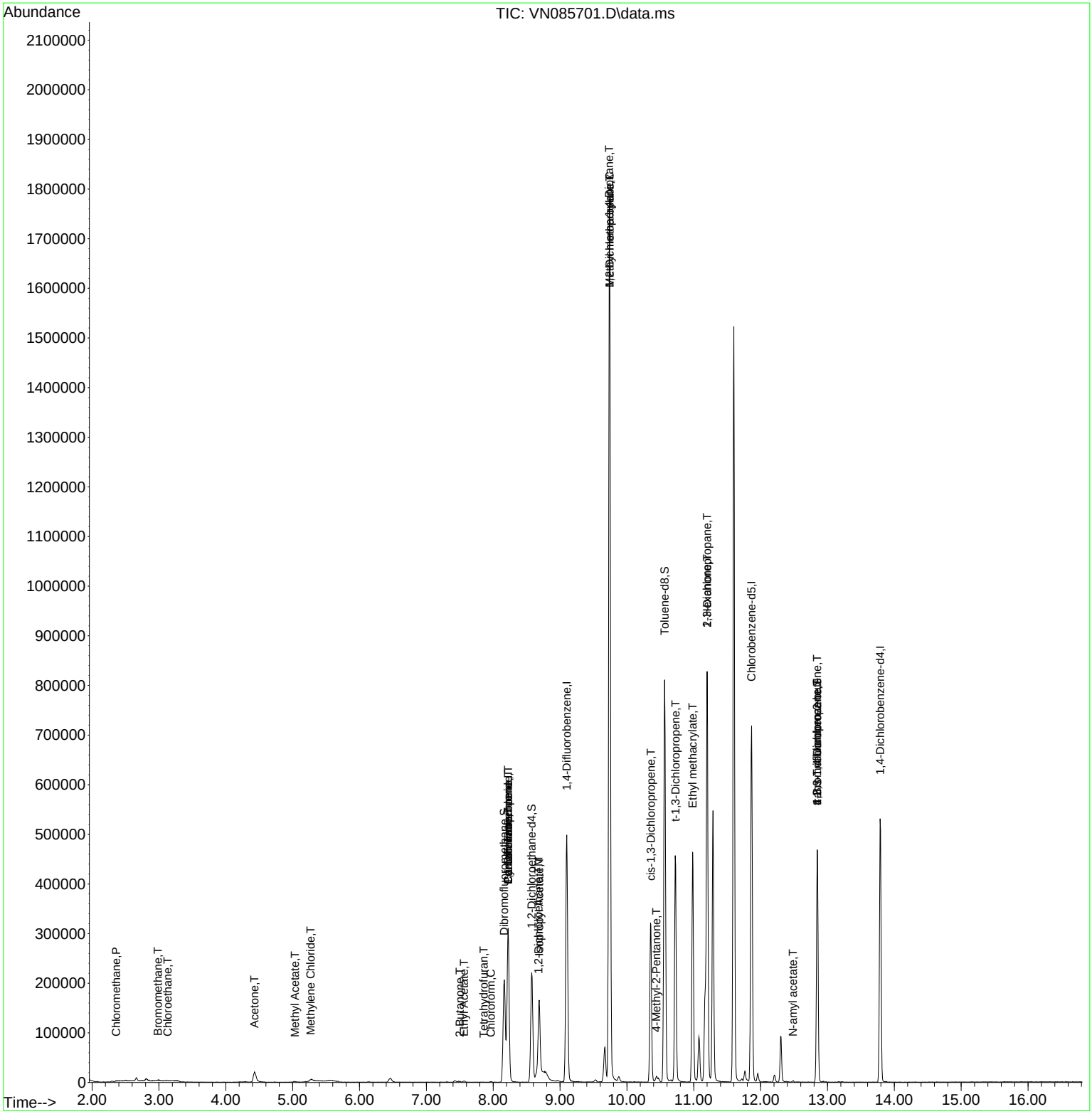
(#) = qualifier out of range (m) = manual integration (+) = signals summed

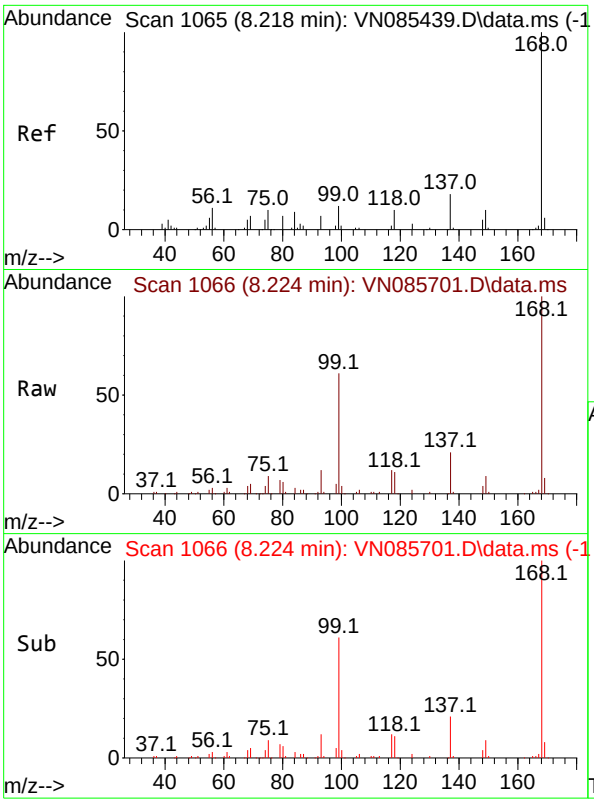
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
Data File : VN085701.D
Acq On : 07 Feb 2025 17:05
Operator : JC\MD
Sample : PB166592ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Quant Time: Feb 07 22:33:39 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



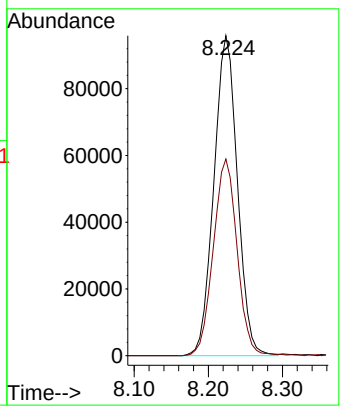


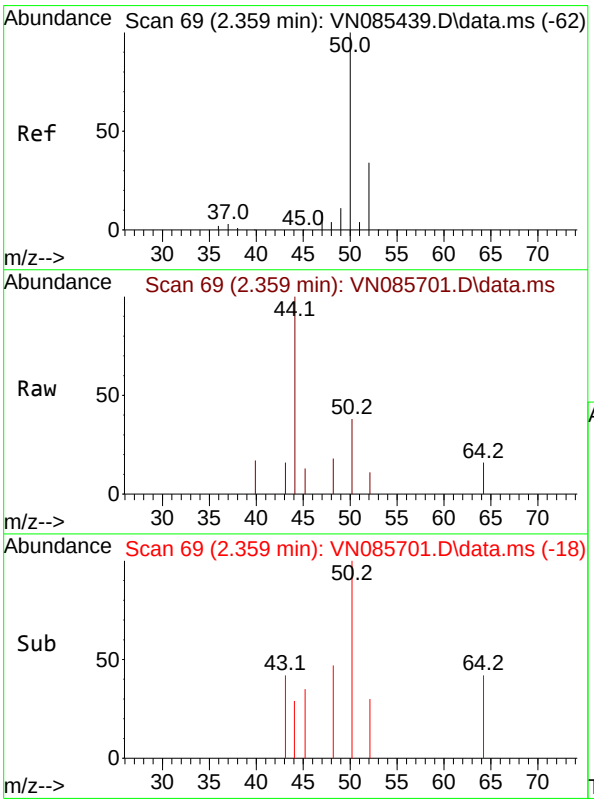
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion:168 Resp: 211455

Ion	Ratio	Lower	Upper
168	100		
99	61.5	53.6	80.4

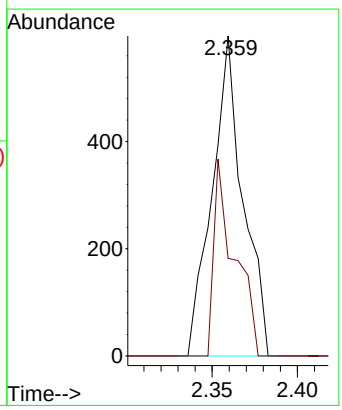


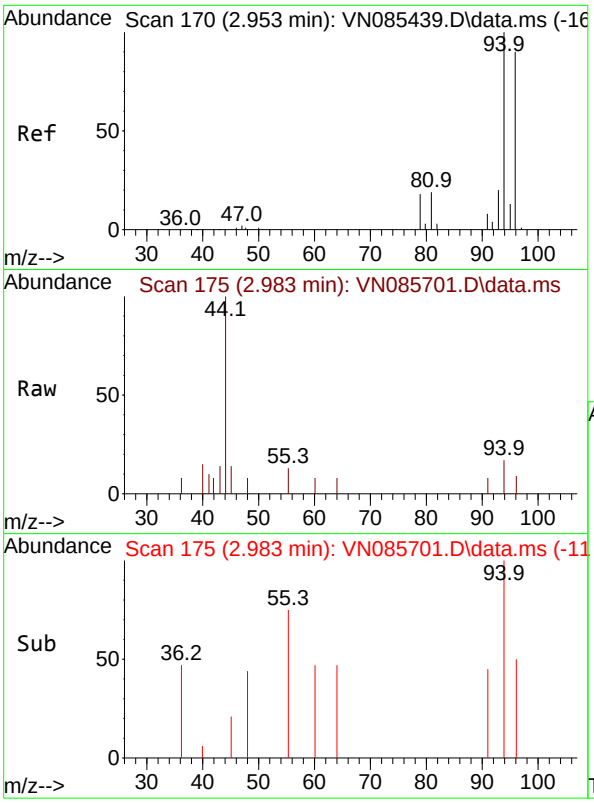


#3
Chloromethane
Concen: 0.243 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 50 Resp: 752

Ion	Ratio	Lower	Upper
50	100		
52	30.5	27.0	40.6



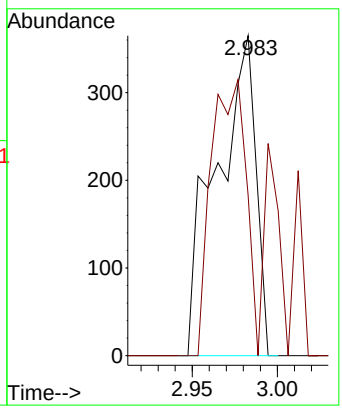


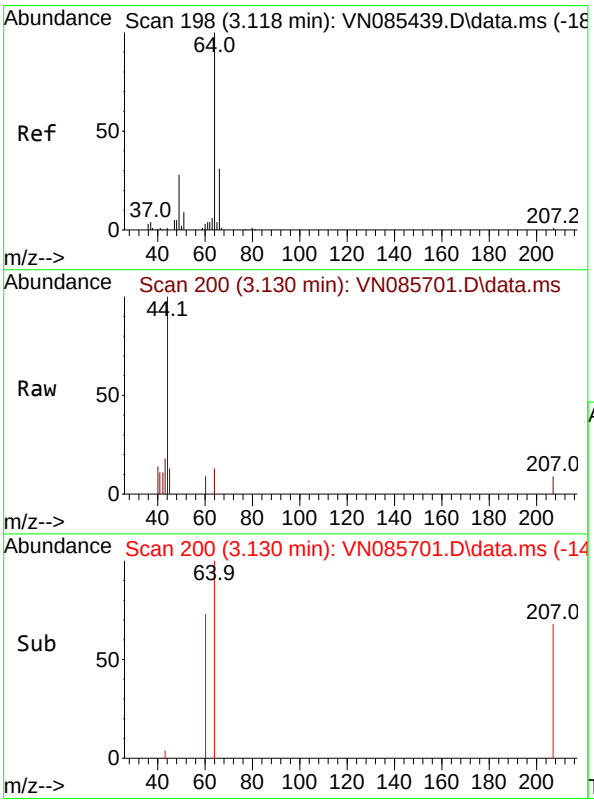
#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.029 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 94 Resp: 590

Ion	Ratio	Lower	Upper
94	100		
96	50.1	71.8	107.6#

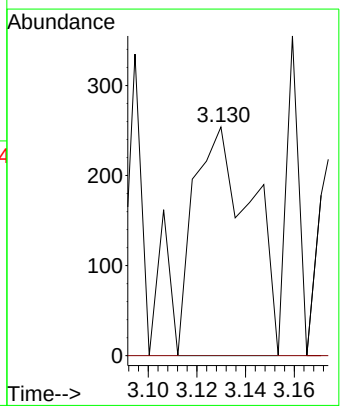


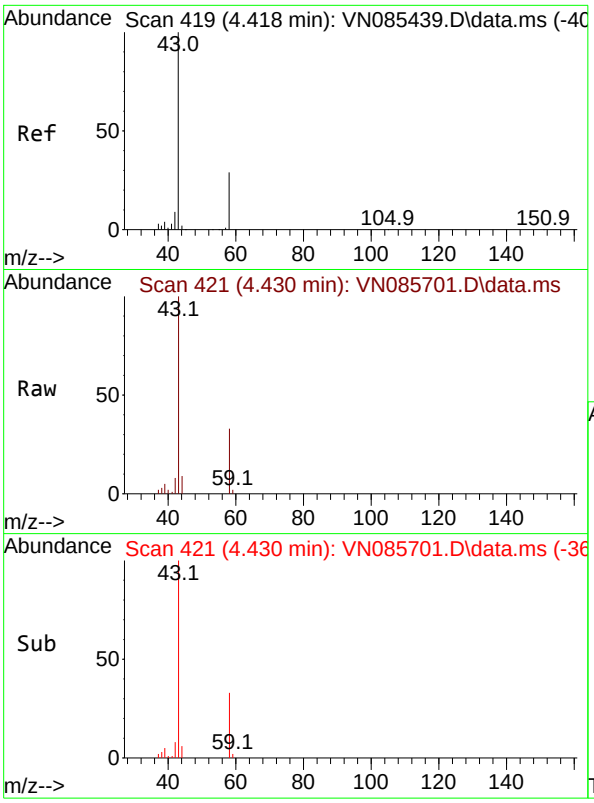


#6
Chloroethane
Concen: 0.211 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 64 Resp: 416

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



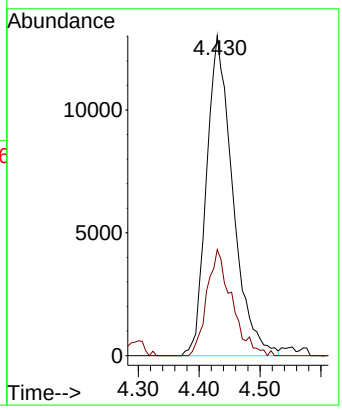


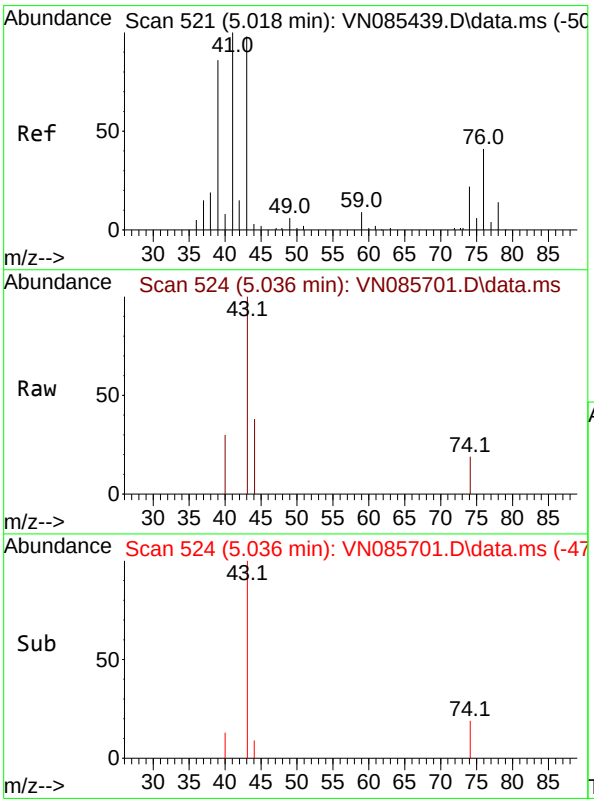
#16
Acetone
Concen: 35.377 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 43 Resp: 39016

Ion	Ratio	Lower	Upper
43	100		
58	33.2	23.8	35.6

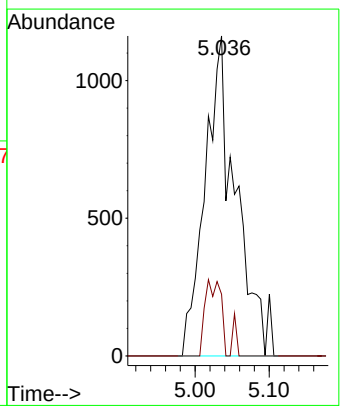


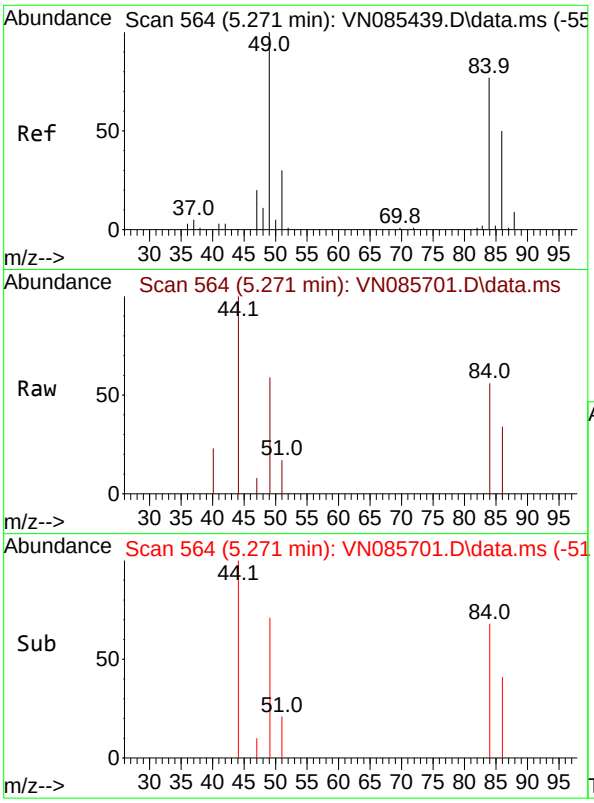


#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 43 Resp: 3371

Ion	Ratio	Lower	Upper
43	100		
74	1.6	18.6	28.0#



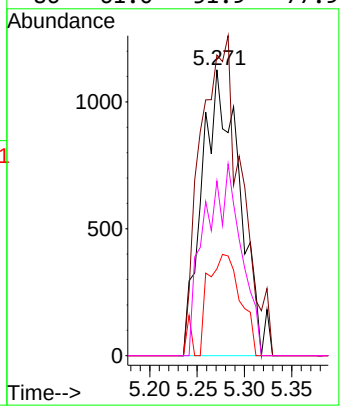


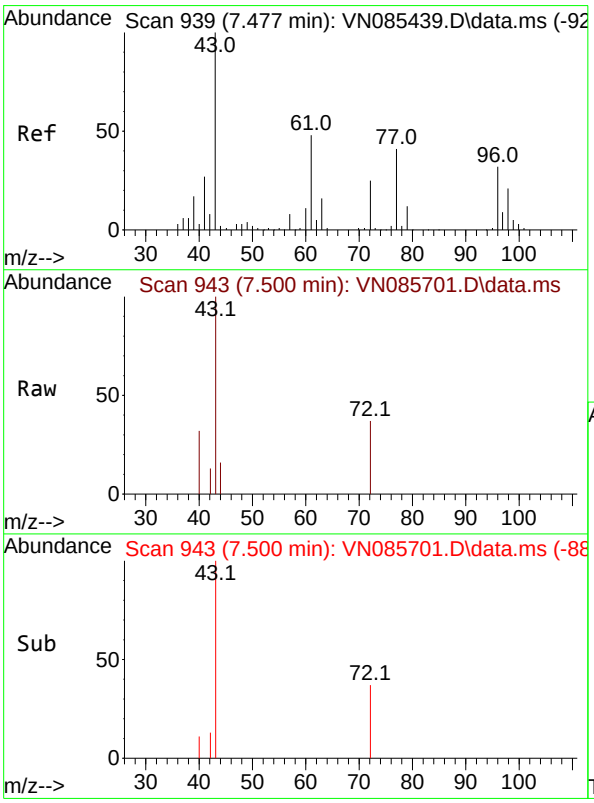
#20
Methylene Chloride
Concen: 1.143 ug/l
RT: 5.271 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 84 Resp: 3121

Ion	Ratio	Lower	Upper
84	100		
49	105.1	104.1	156.1
51	30.3	31.0	46.4#
86	61.0	51.9	77.9

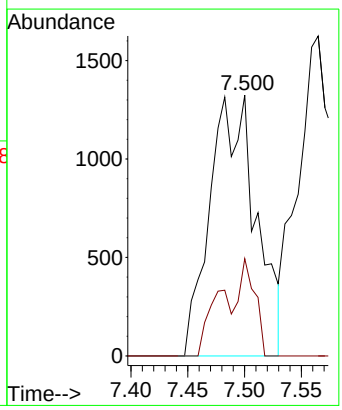


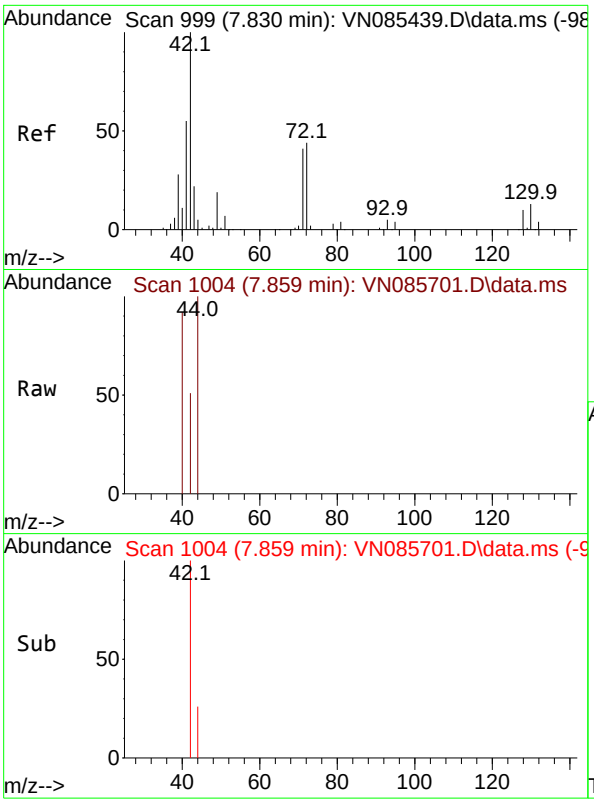


#25
2-Butanone
Concen: 2.297 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.023 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 43 Resp: 3728

Ion	Ratio	Lower	Upper
43	100		
72	37.3	20.2	30.4#



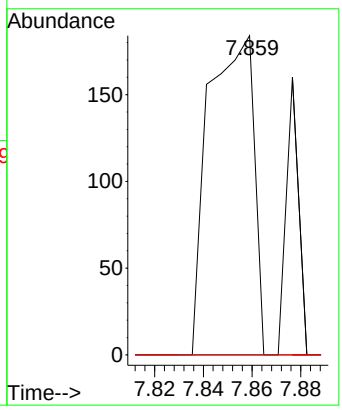


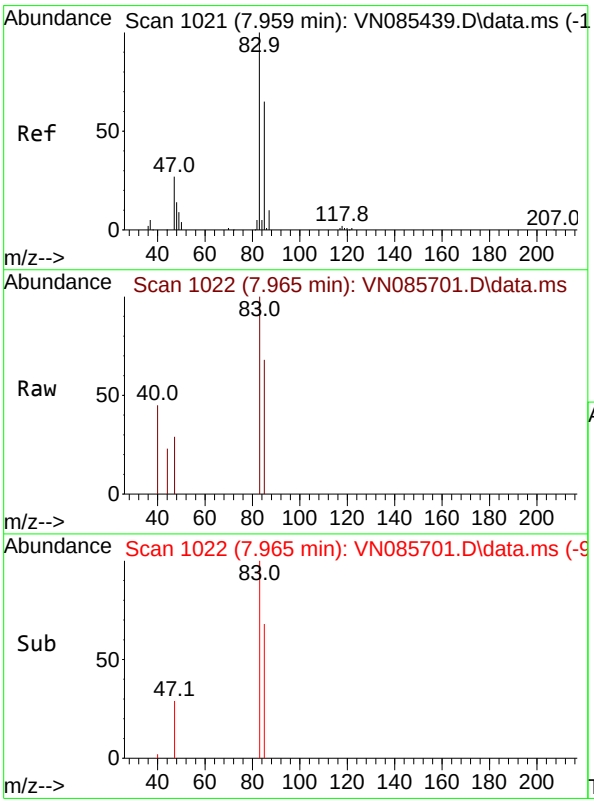
#29
Tetrahydrofuran
Concen: 0.230 ug/l
RT: 7.859 min Scan# 1
Delta R.T. 0.029 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 42 Resp: 237

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

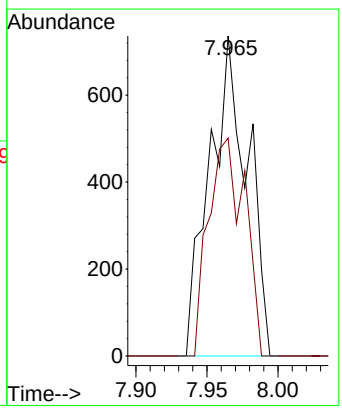


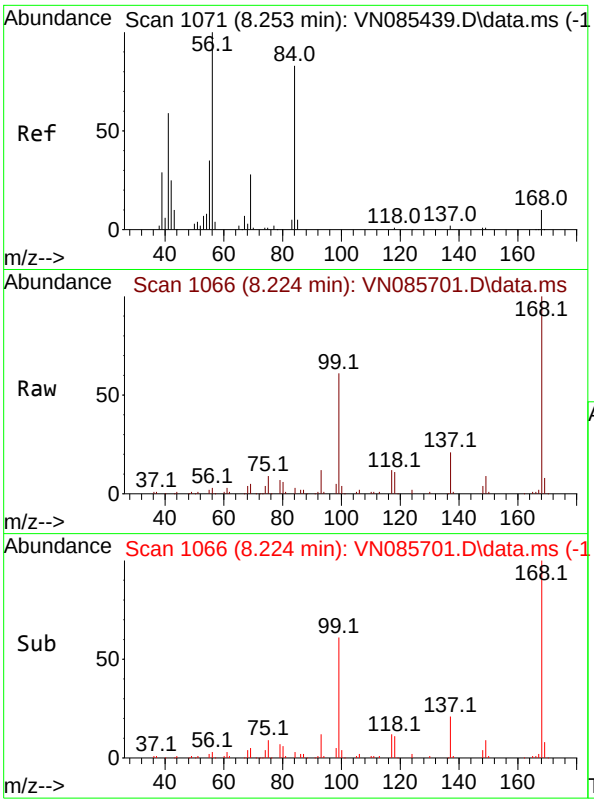


#30
Chloroform
Concen: 0.267 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 83 Resp: 1373

Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.8	77.6



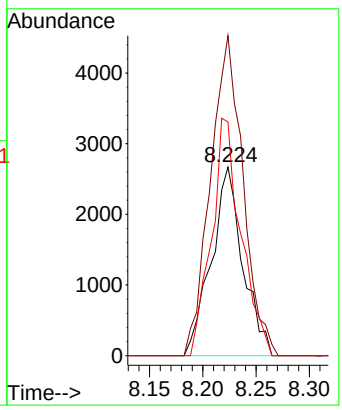


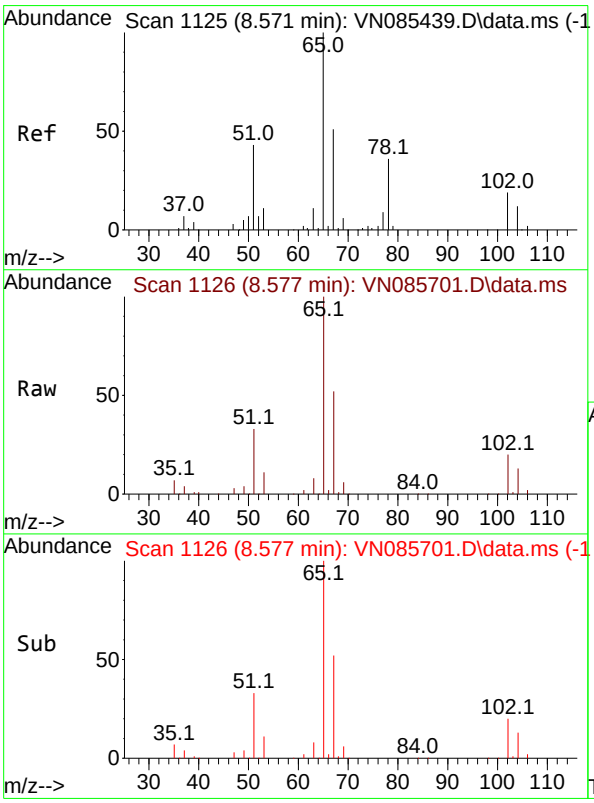
#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.030 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 56 Resp: 5480

Ion	Ratio	Lower	Upper
56	100		
69	169.8	22.2	33.4#
84	124.0	66.4	99.6#

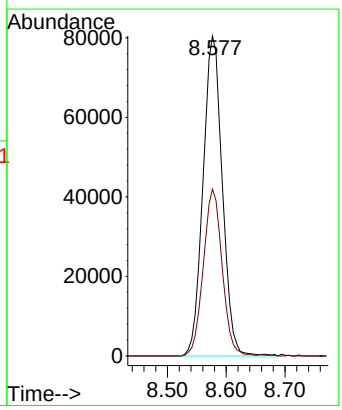


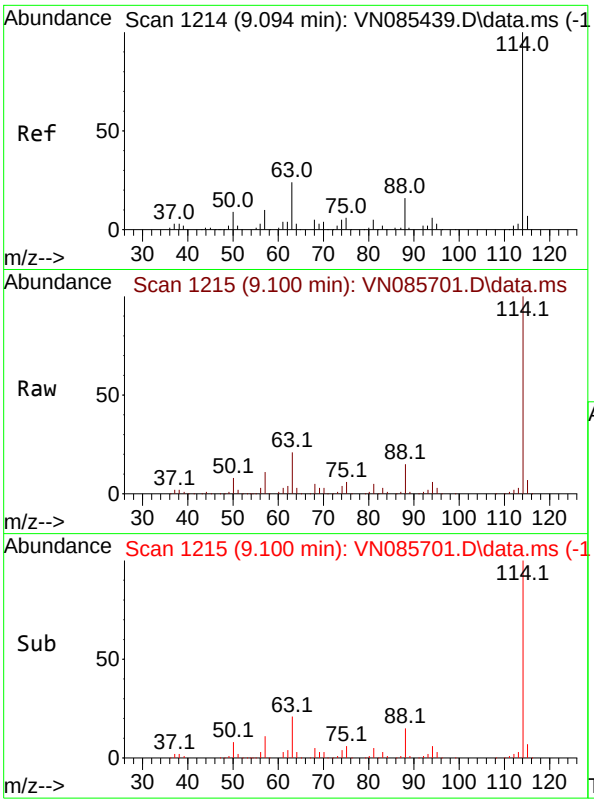


#33
1,2-Dichloroethane-d4
Concen: 53.823 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 65 Resp: 183716

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6



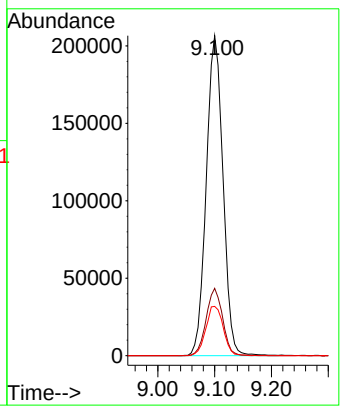


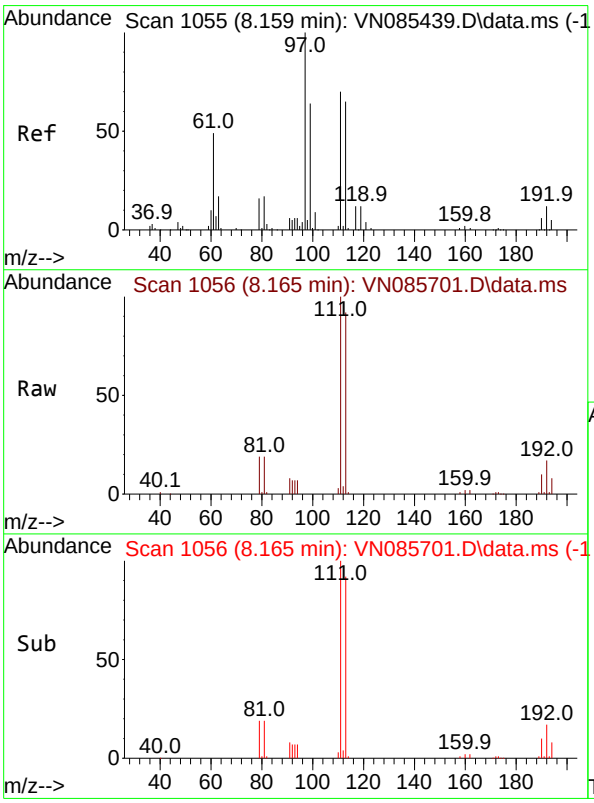
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion:114 Resp: 421252

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	47.6
88	15.4	0.0	32.6

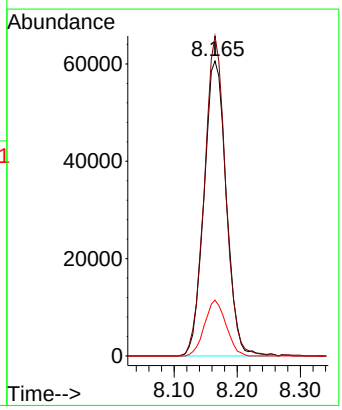


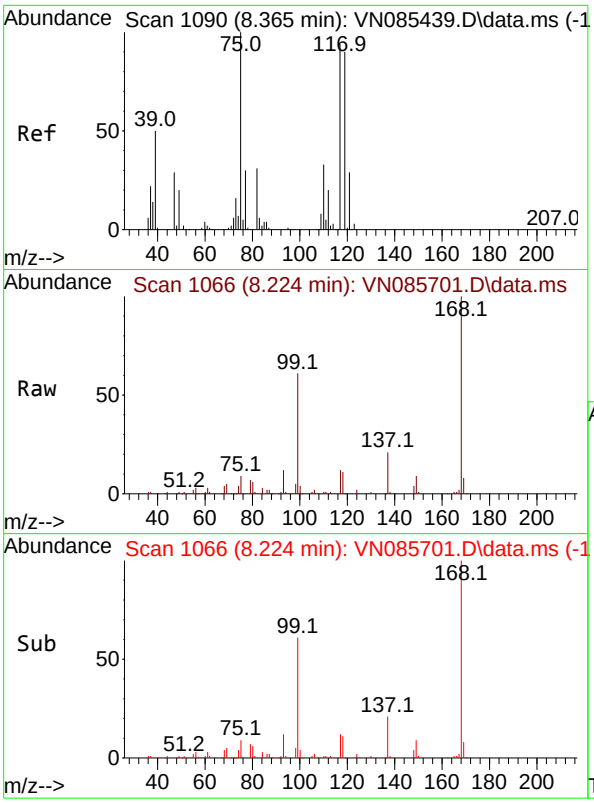


#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion:113 Resp: 148472

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	18.2	14.3	21.5



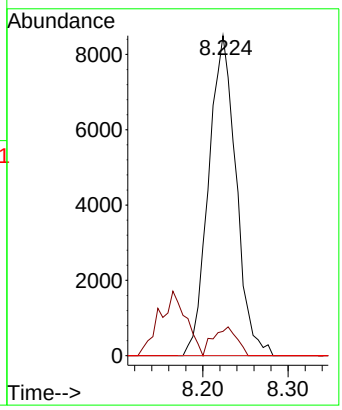


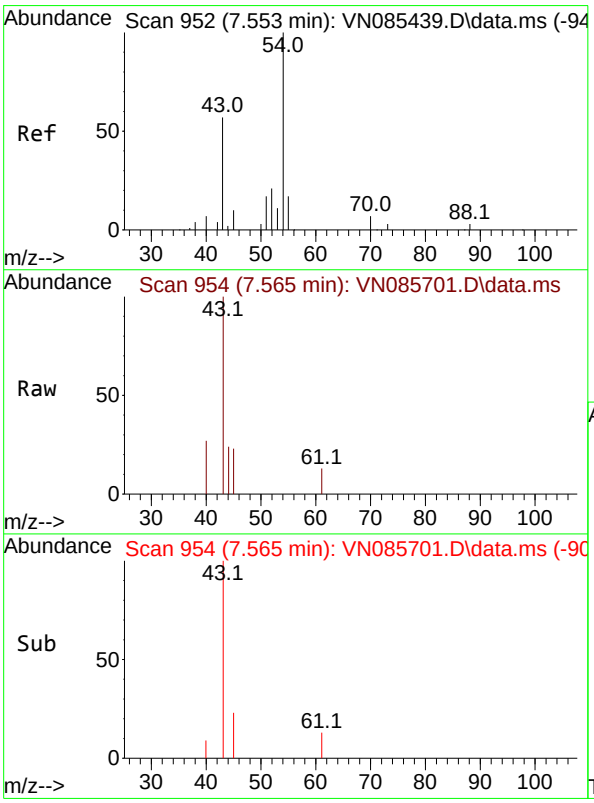
#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 75 Resp: 19056

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.5	49.5#
77	0.0	24.4	36.6#

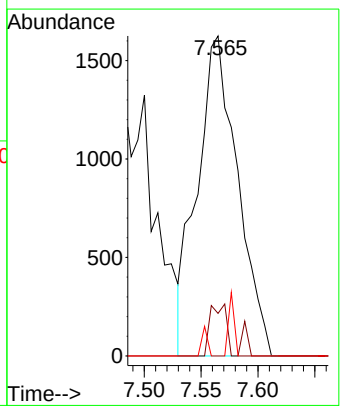


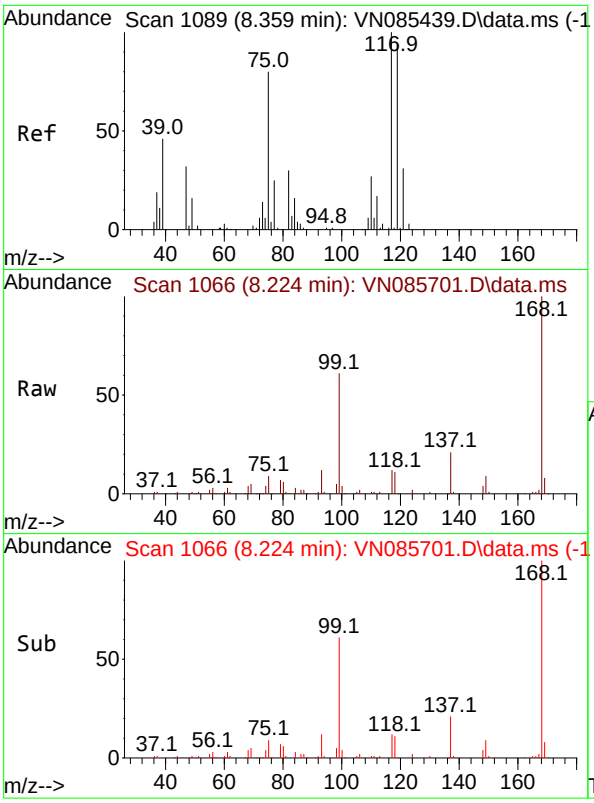


#37
Ethyl Acetate
Concen: 0.971 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.012 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 43 Resp: 4021

Ion	Ratio	Lower	Upper
43	100		
61	6.5	10.9	16.3#
70	2.8	7.5	11.3#



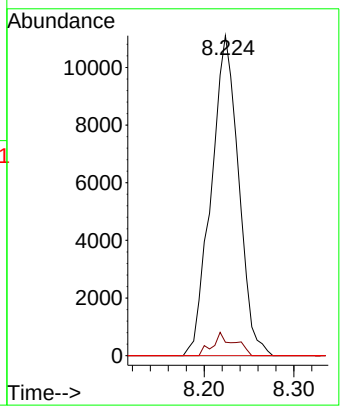


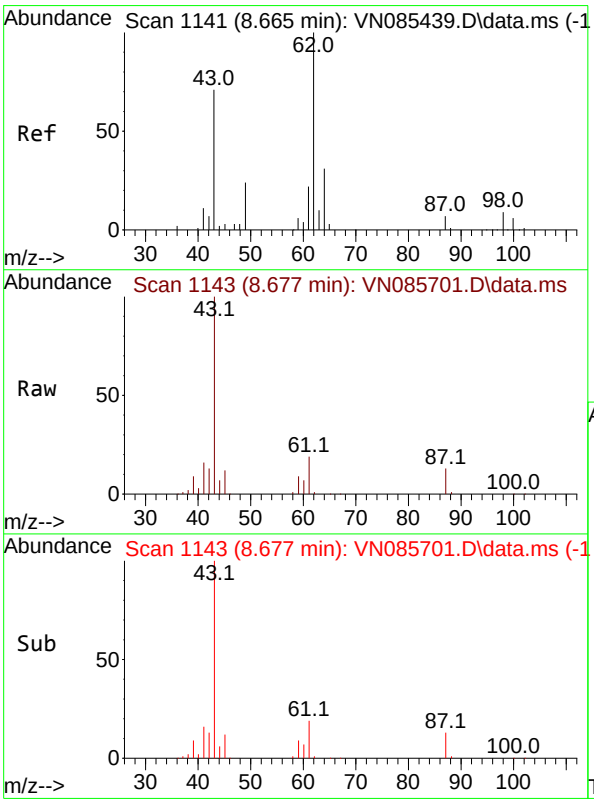
#38
Carbon Tetrachloride
Concen: 5.017 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion:117 Resp: 23559

Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.4	113.2#
121	0.0	24.6	37.0#

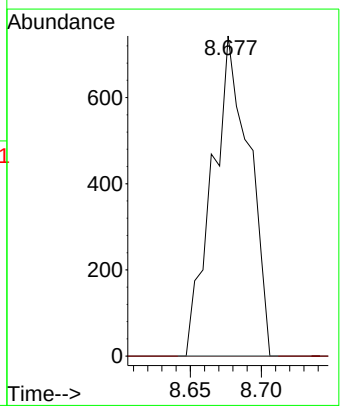


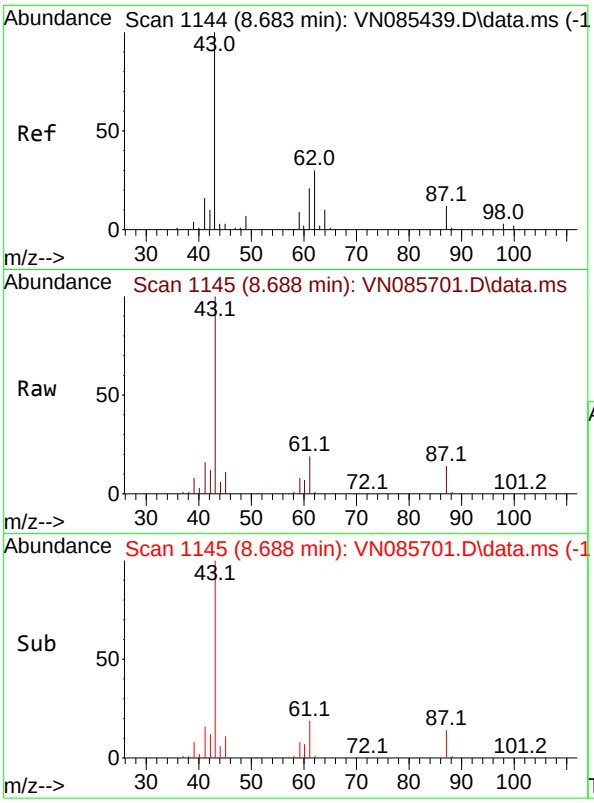


#42
1,2-Dichloroethane
Concen: 0.290 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.012 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 62 Resp: 1348

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



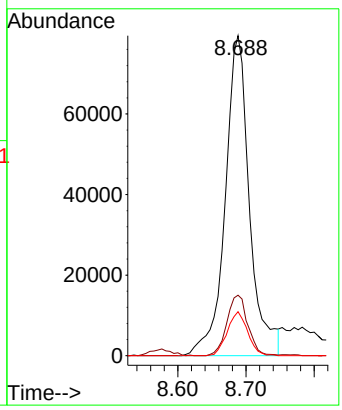


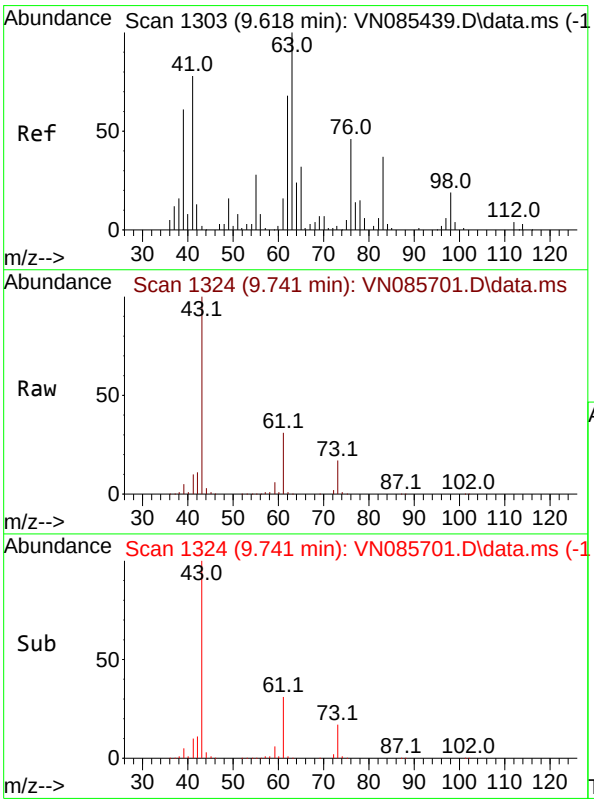
#43
Isopropyl Acetate
Concen: 29.699 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 43 Resp: 197014

Ion	Ratio	Lower	Upper
43	100		
61	16.3	20.7	31.1#
87	11.5	9.8	14.8

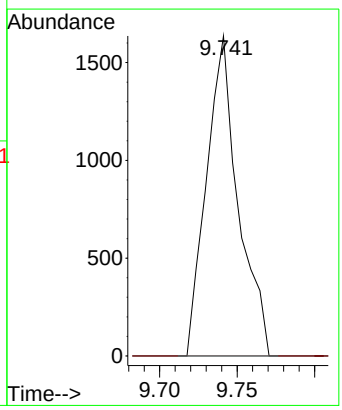


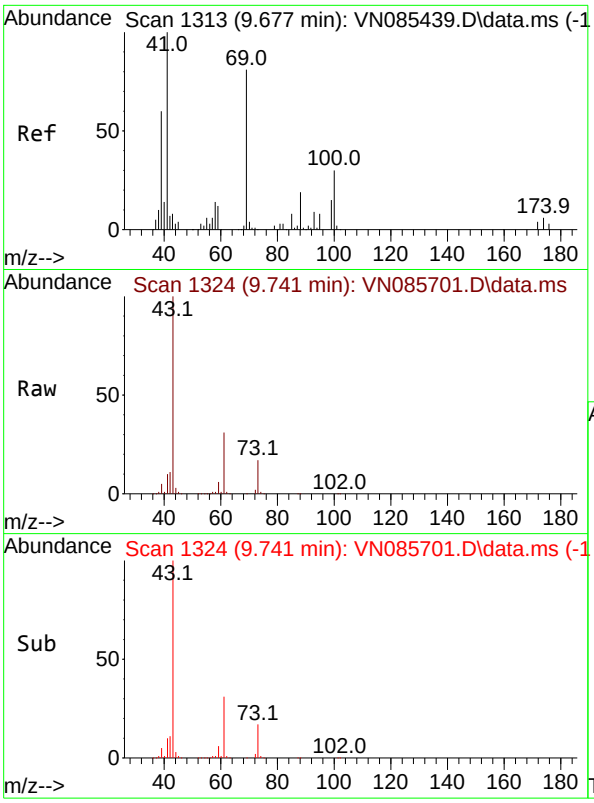


#45
1,2-Dichloropropane
Concen: 0.741 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 63 Resp: 2332

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



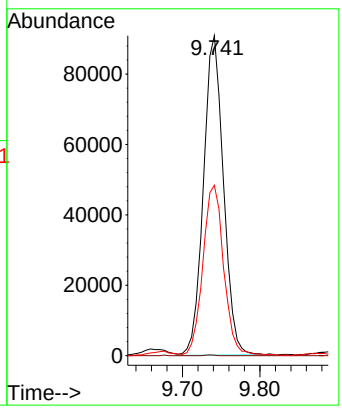


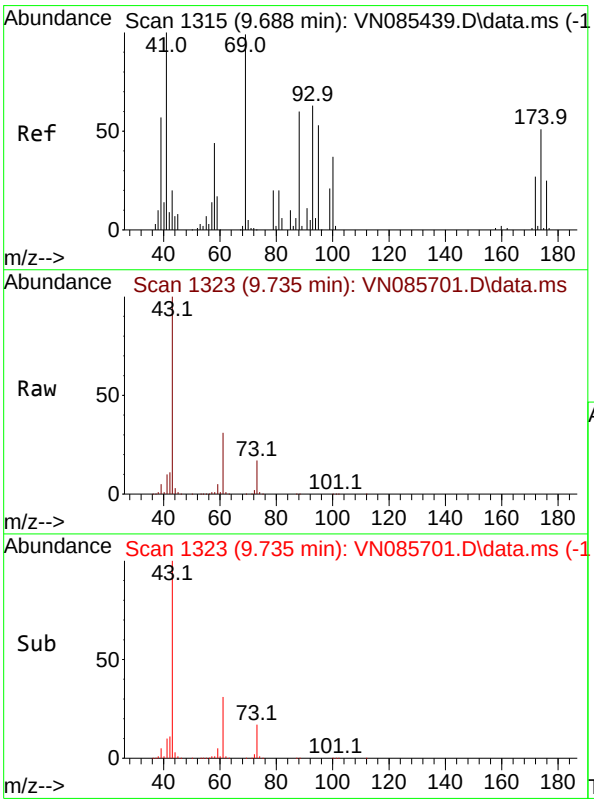
#48
Methyl methacrylate
Concen: 54.491 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 41 Resp: 162673

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.7	97.1#
39	55.8	49.0	73.6

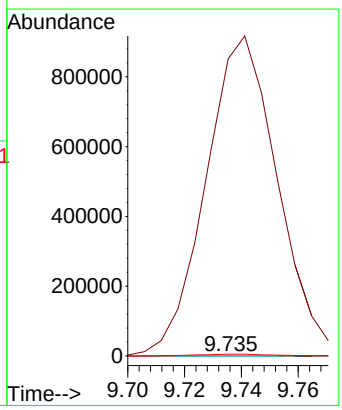


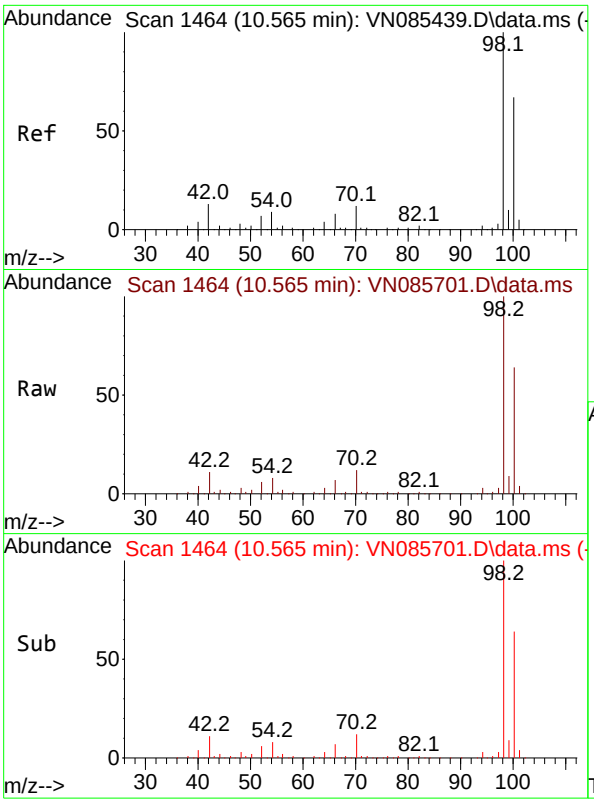


#49
1,4-Dioxane
Concen: 4.177 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.047 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 88 Resp: 210

Ion	Ratio	Lower	Upper
88	100		
43	772033.3	26.6	39.8#
58	4647.1	59.5	89.3#



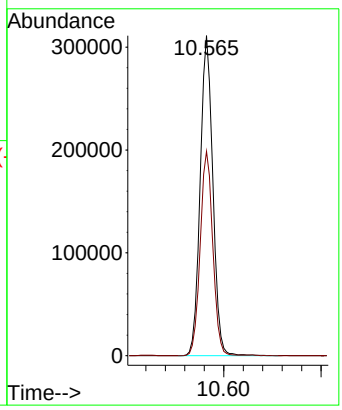


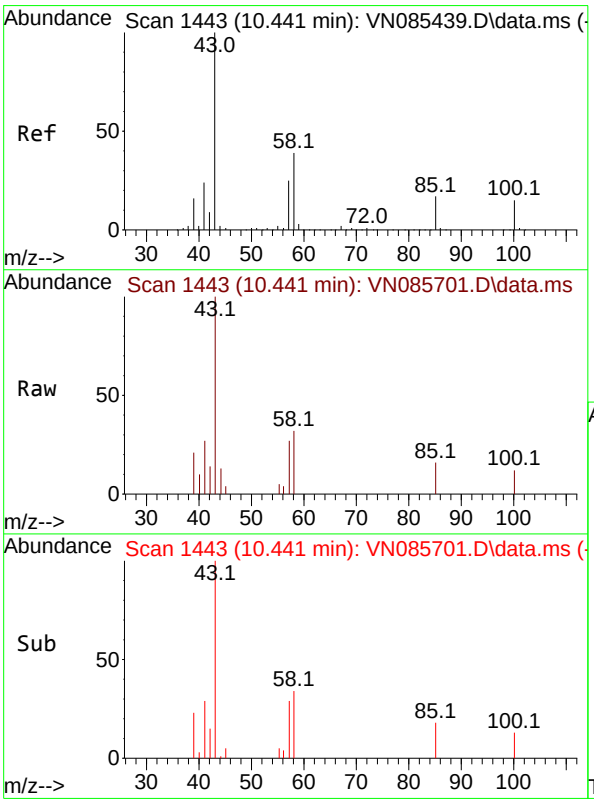
#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 98 Resp: 559099

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.2	78.4

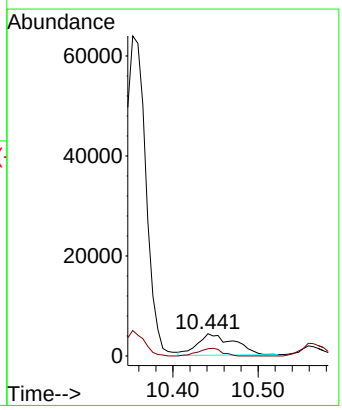


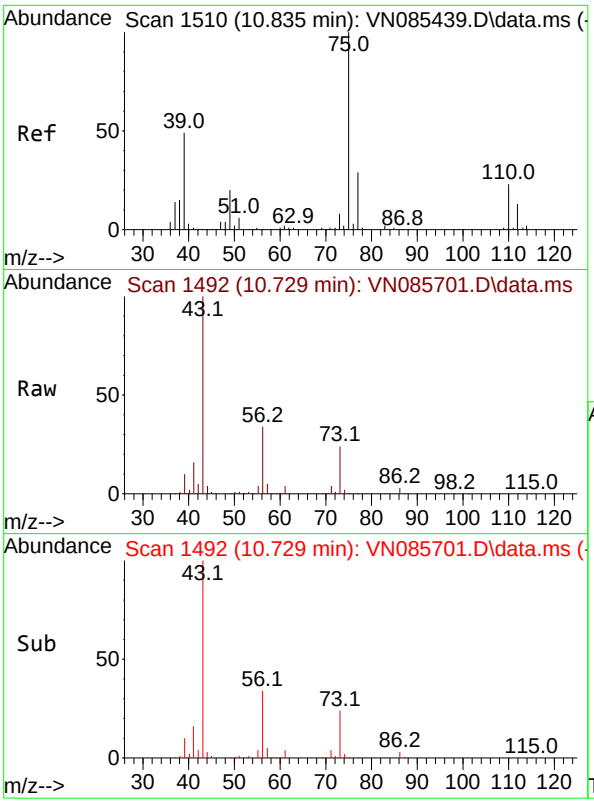


#51
4-Methyl-2-Pentanone
Concen: 3.339 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 43 Resp: 12855

Ion	Ratio	Lower	Upper
43	100		
58	23.0	30.5	45.7#



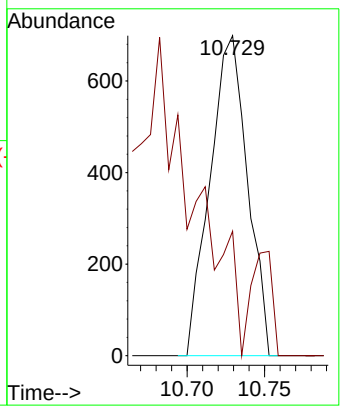


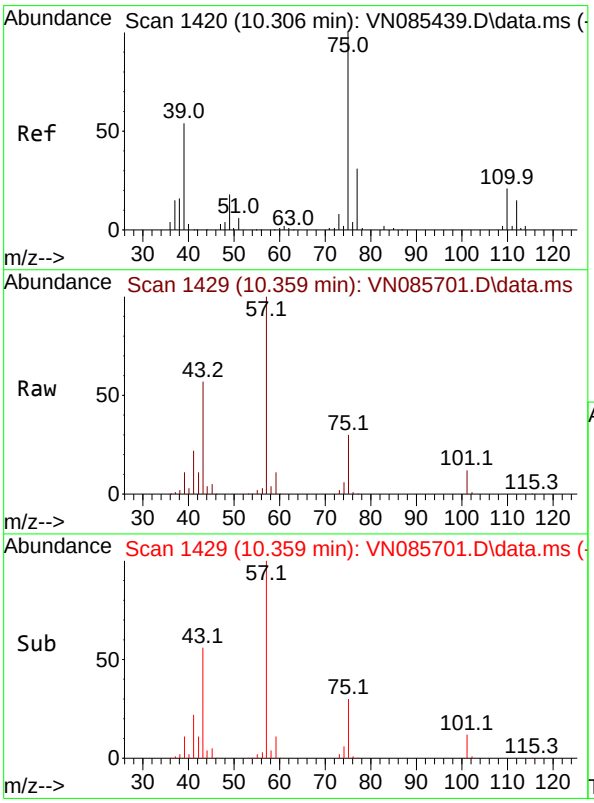
#53
t-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 75 Resp: 1174

Ion	Ratio	Lower	Upper
75	100		
77	38.9	23.5	35.3#

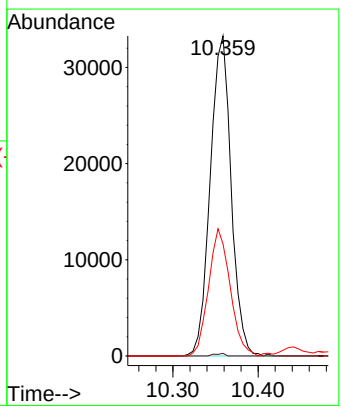


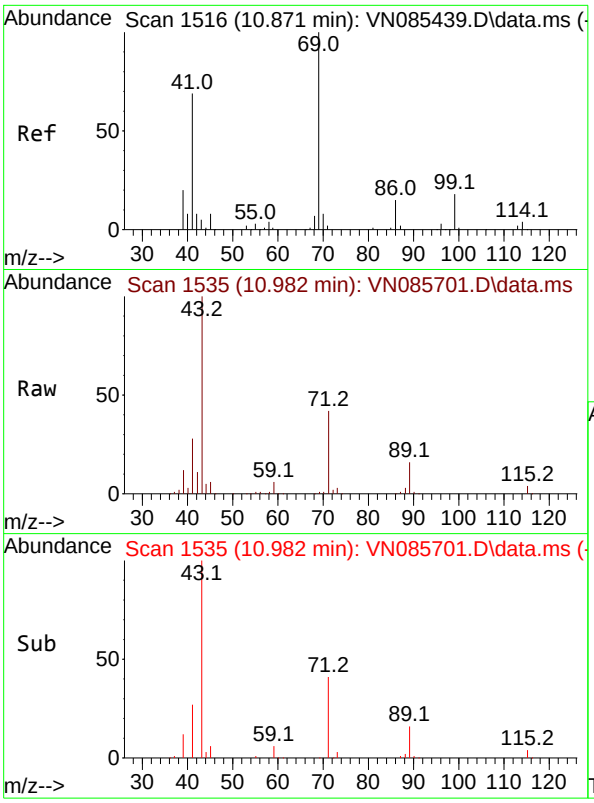


#54
cis-1,3-Dichloropropene
Concen: 12.157 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 75 Resp: 56790

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.0	37.4#
39	35.0	43.1	64.7#



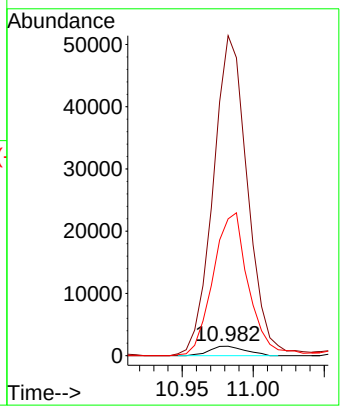


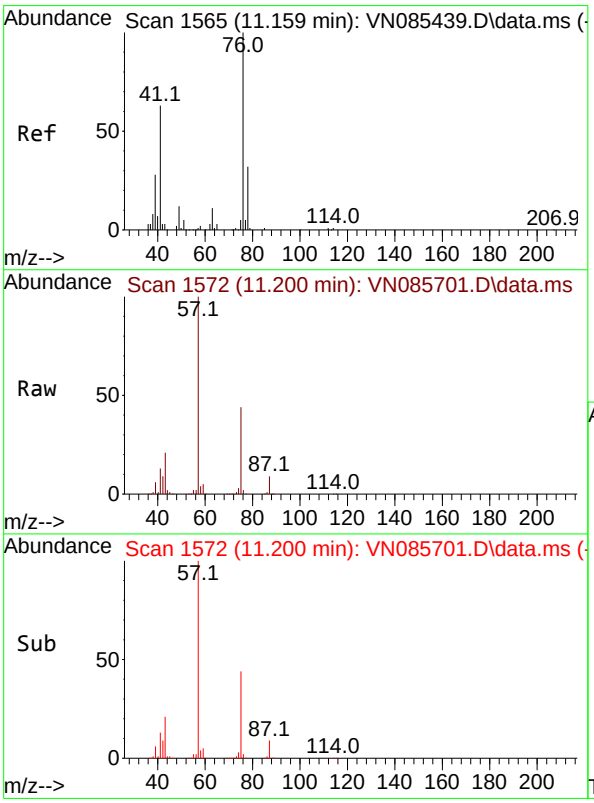
#56
Ethyl methacrylate
Concen: 2.470 ug/l
RT: 10.982 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 69 Resp: 2667

Ion	Ratio	Lower	Upper
69	100		
41	3252.6	54.6	82.0#
39	1504.0	32.4	48.6#

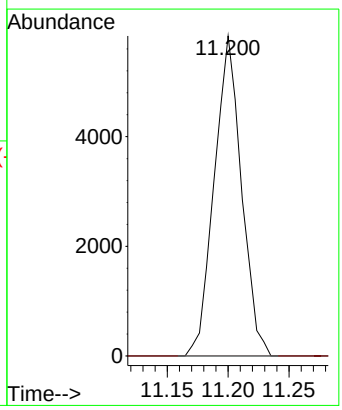


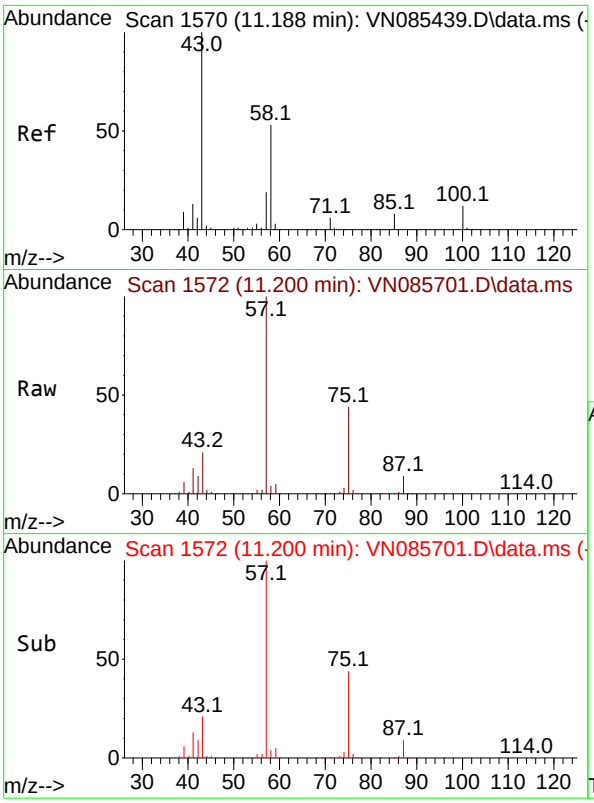


#57
1,3-Dichloropropane
Concen: 1.846 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 76 Resp: 9071

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



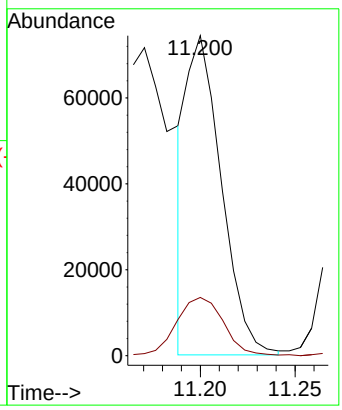


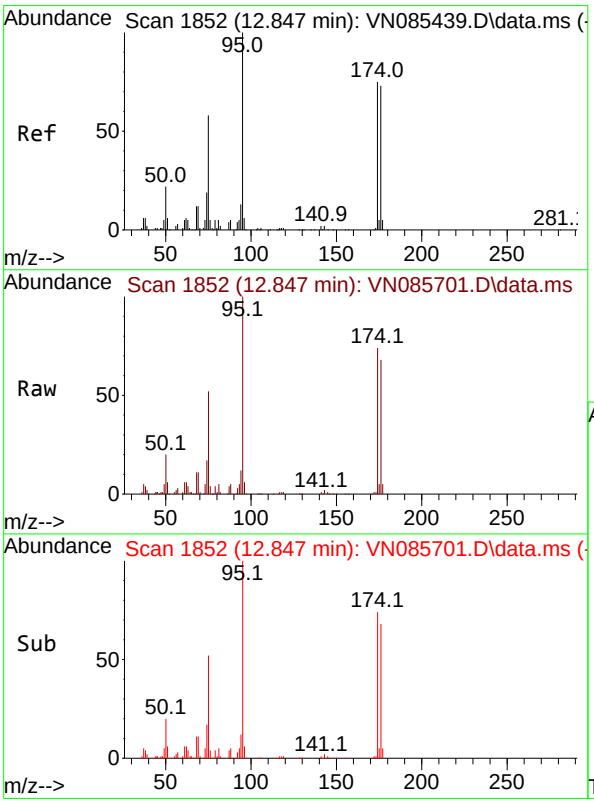
#59
2-Hexanone
Concen: 35.312 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 43 Resp: 95646

Ion	Ratio	Lower	Upper
43	100		
58	24.7	26.2	78.6#

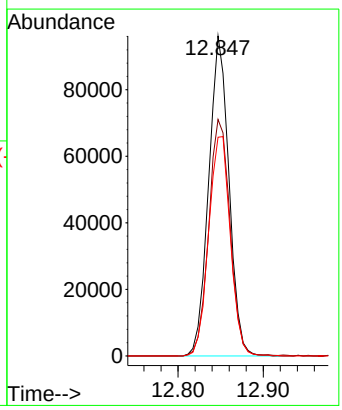


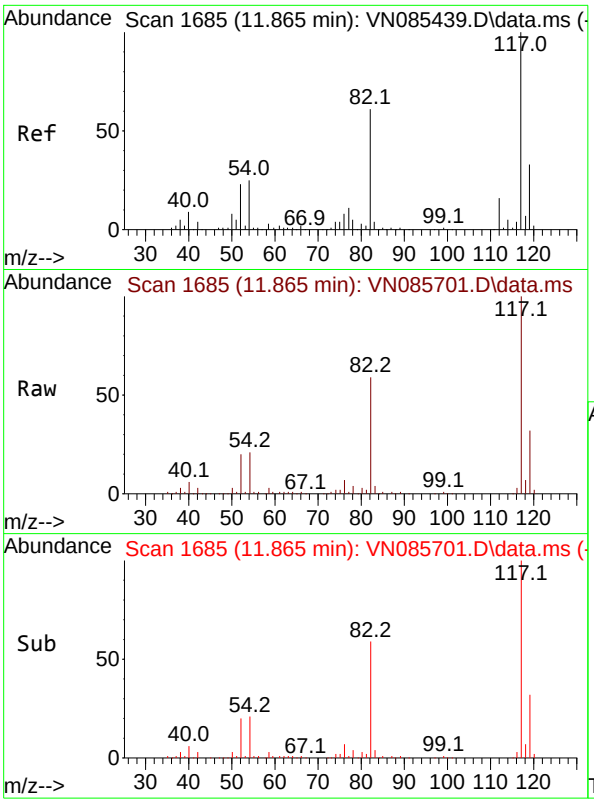


#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 95 Resp: 158547

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	145.0
176	73.5	0.0	142.4



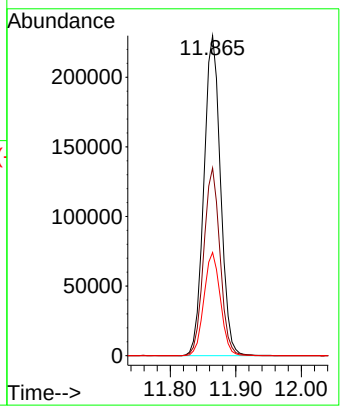


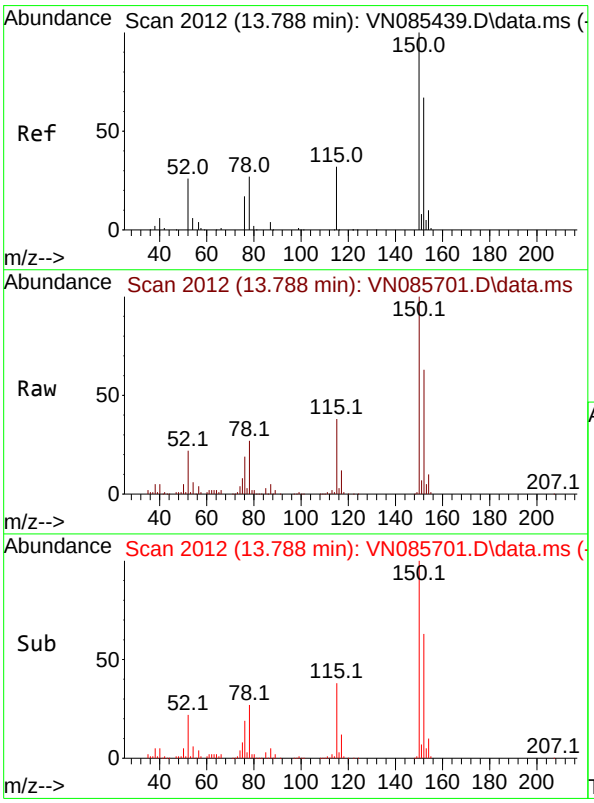
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion:117 Resp: 405445

Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.6	72.8
119	32.2	26.6	39.8

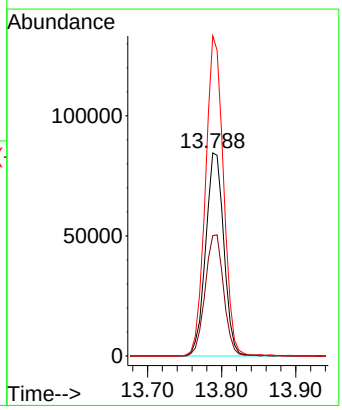


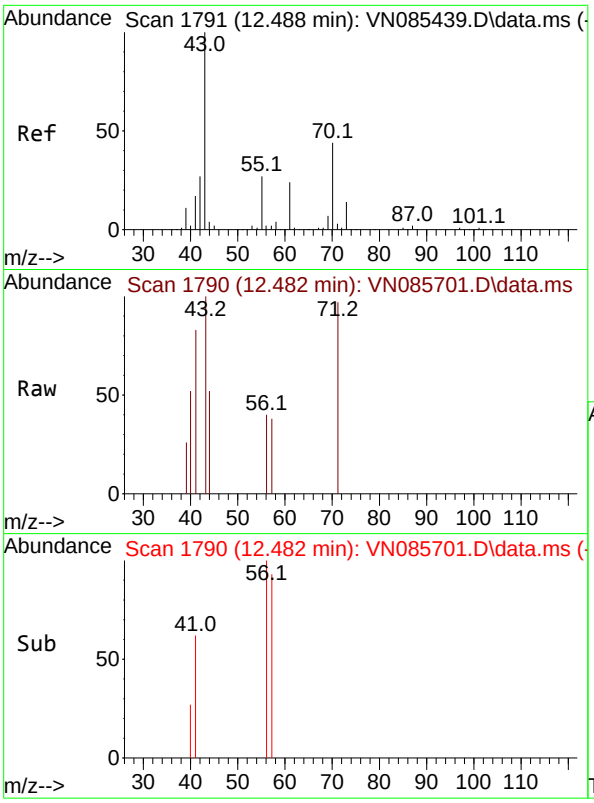


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion:152 Resp: 144033

Ion	Ratio	Lower	Upper
152	100		
115	60.7	31.1	93.3
150	155.5	0.0	343.6



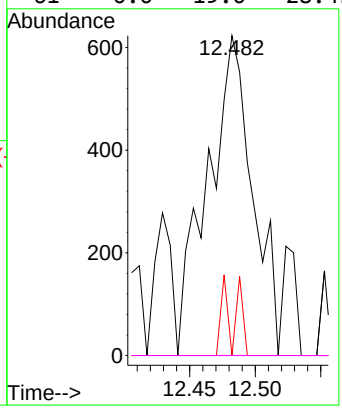


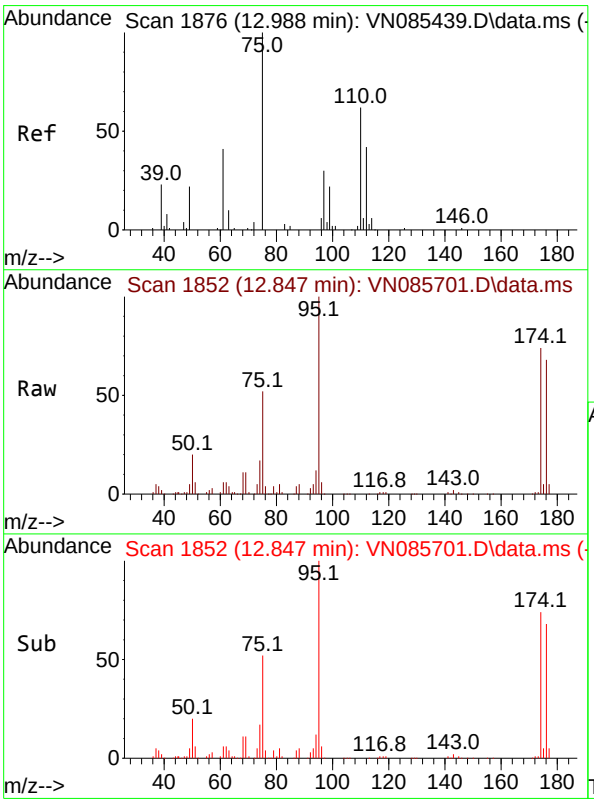
#74
N-amyl acetate
Concen: 0.341 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 43 Resp: 1489

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	7.4	21.4	32.2#
61	0.0	19.0	28.4#

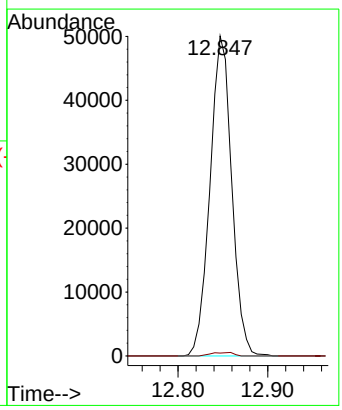


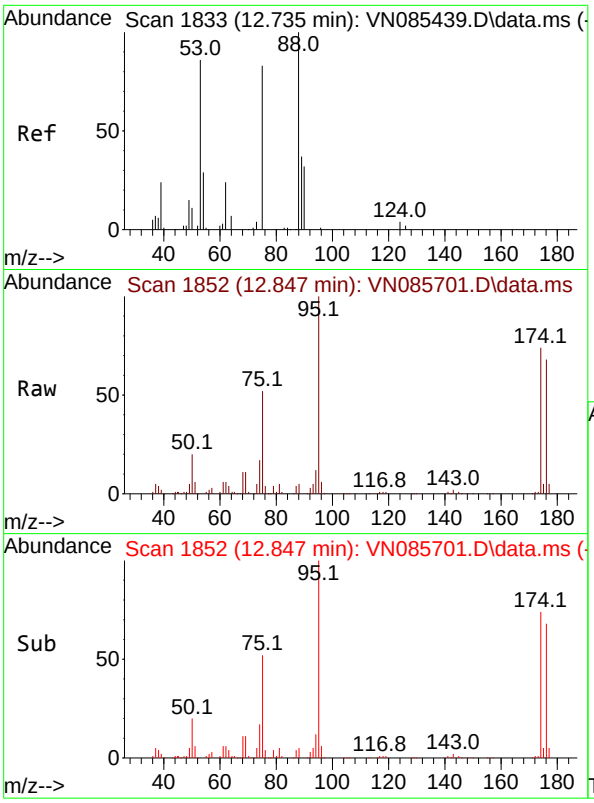


#76
1,2,3-Trichloropropane
Concen: 28.790 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Tgt Ion: 75 Resp: 84284

Ion	Ratio	Lower	Upper
75	100		
77	1.1	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.894 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085701.D
Acq: 07 Feb 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#03

Tgt Ion: 75 Resp: 84284

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