Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085600.D
Acq On : 31 Jan 2025 14:27
Operator : JC\MD
Sample : PB166357ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Quant Time: Jan 31 22:28:46 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

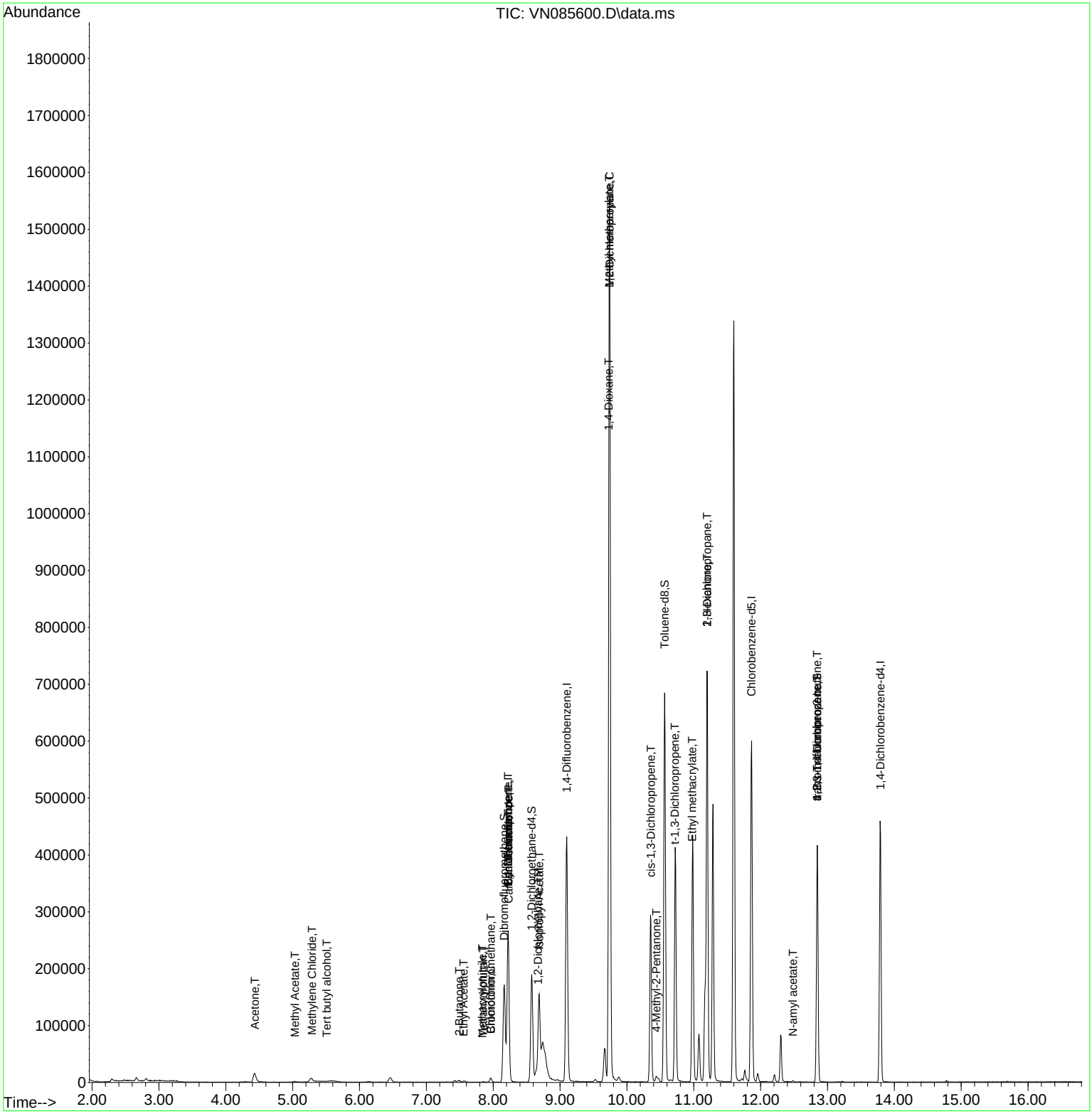
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	178308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160892	55.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.800%			
35) Dibromofluoromethane	8.165	113	121405	49.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	10.565	98	447884	51.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.847	95	135902	45.833	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.512	59	125	0.379	ug/l #	71
16) Acetone	4.436	43	30691	33.001	ug/l	97
18) Methyl Acetate	5.036	43	2890	1.022	ug/l #	70
20) Methylene Chloride	5.289	84	4507	1.958	ug/l #	74
25) 2-Butanone	7.494	43	5585	4.081	ug/l	99
28) Bromochloromethane	7.965	49	480	0.245	ug/l #	18
29) Tetrahydrofuran	7.853	42	616	0.710	ug/l #	43
30) Chloroform	7.965	83	6839	1.575	ug/l	94
31) Cyclohexane	8.224	56	5008	1.371	ug/l #	32
36) 1,1-Dichloropropene	8.224	75	16800	4.906	ug/l #	52
37) Ethyl Acetate	7.559	43	4081	1.181	ug/l #	81
38) Carbon Tetrachloride	8.230	117	19187	4.895	ug/l #	18
41) Methacrylonitrile	7.835	41	405	0.225	ug/l #	49
42) 1,2-Dichloroethane	8.671	62	1098	0.283	ug/l #	76
43) Isopropyl Acetate	8.688	43	196762	35.530	ug/l #	82
45) 1,2-Dichloropropane	9.741	63	1909	0.726	ug/l #	43
48) Methyl methacrylate	9.735	41	149126	59.838	ug/l #	46
49) 1,4-Dioxane	9.729	88	58	1.382	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	5464	1.700	ug/l #	78
53) t-1,3-Dichloropropene	10.718	75	1061	0.291	ug/l	96
54) cis-1,3-Dichloropropene	10.359	75	47384	12.151	ug/l #	71
56) Ethyl methacrylate	10.976	69	2612	2.563	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	7090	1.728	ug/l #	43
59) 2-Hexanone	11.200	43	85974	38.022	ug/l #	58
74) N-amyl acetate	12.482	43	1873	0.523	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	74517	31.038	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74517	83.976	ug/l #	3

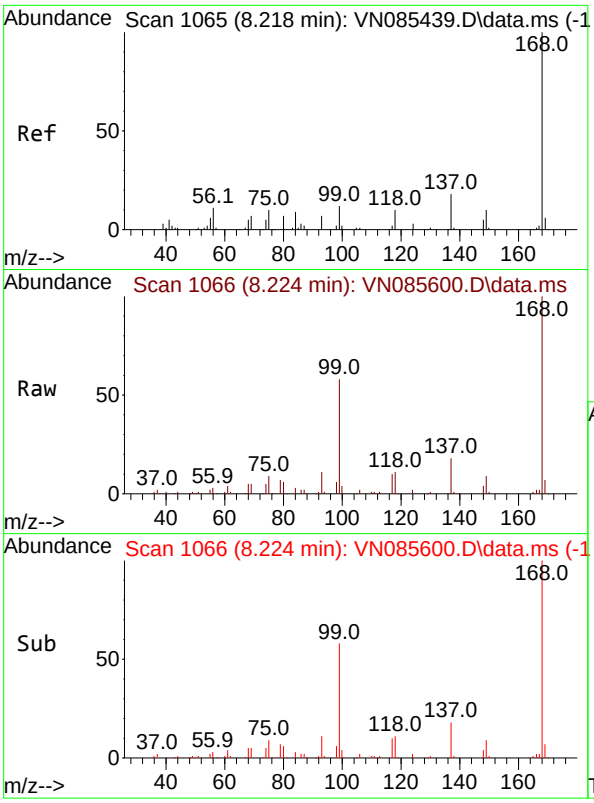
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085600.D
Acq On : 31 Jan 2025 14:27
Operator : JC\MD
Sample : PB166357ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Quant Time: Jan 31 22:28:46 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



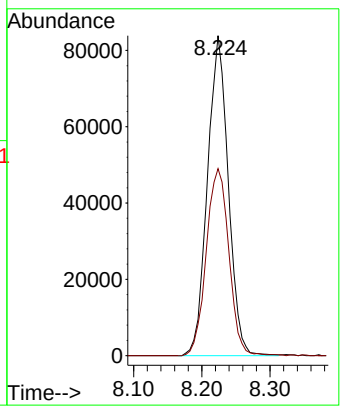


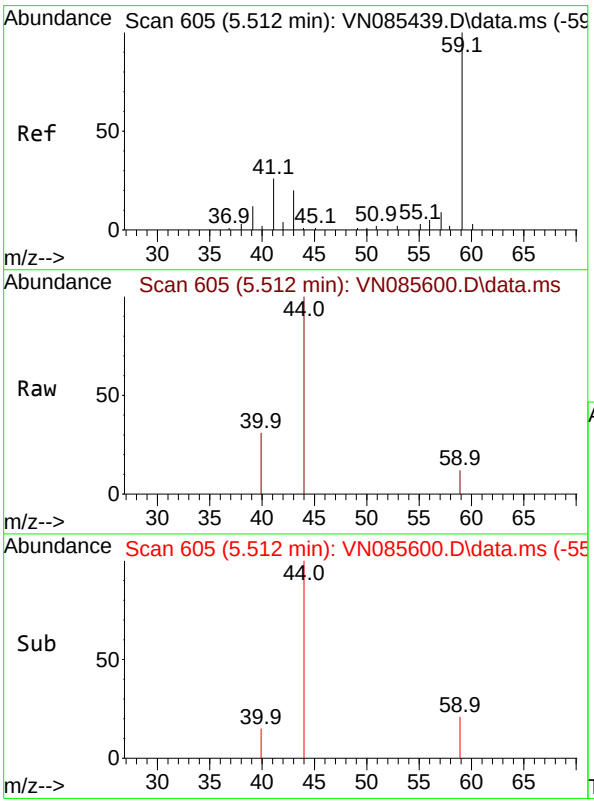
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:168 Resp: 178308

Ion	Ratio	Lower	Upper
168	100		
99	58.4	53.6	80.4

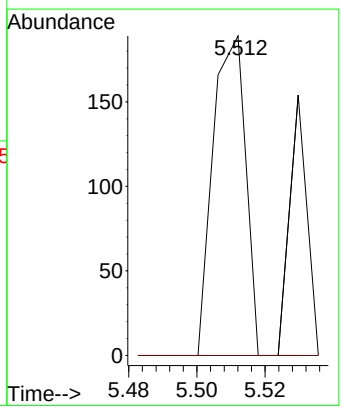


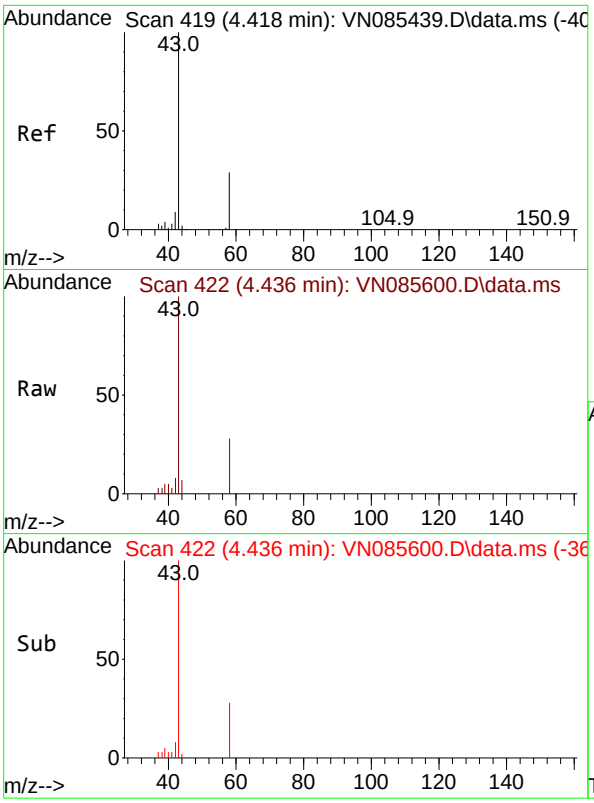


#11
Tert butyl alcohol
Concen: 0.379 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 59 Resp: 125

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



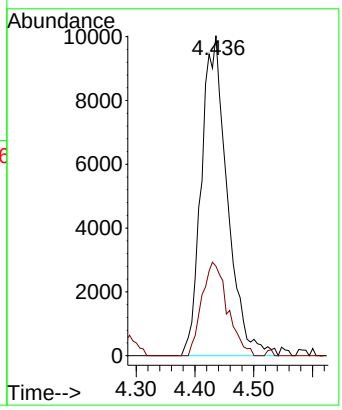


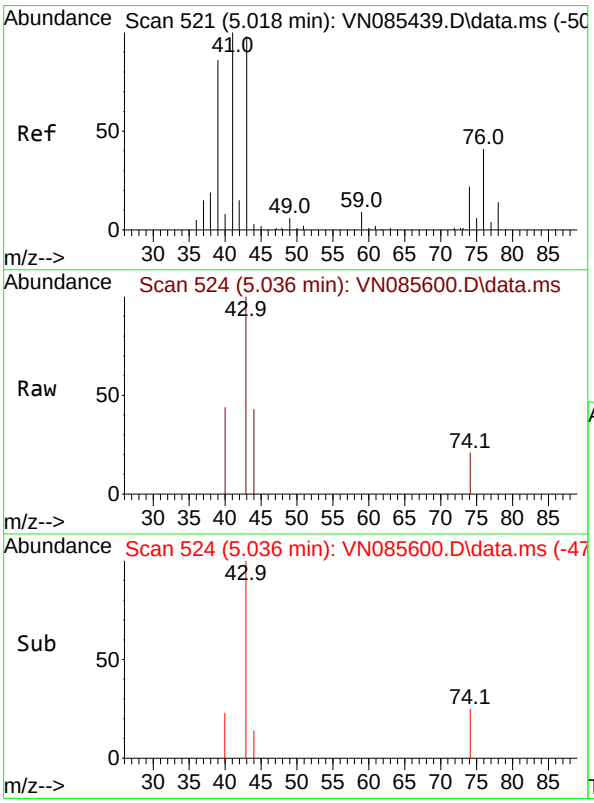
#16
Acetone
Concen: 33.001 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 43 Resp: 30691

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.6

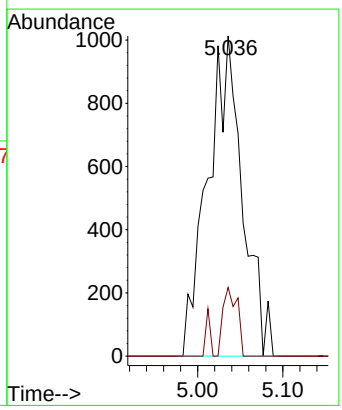


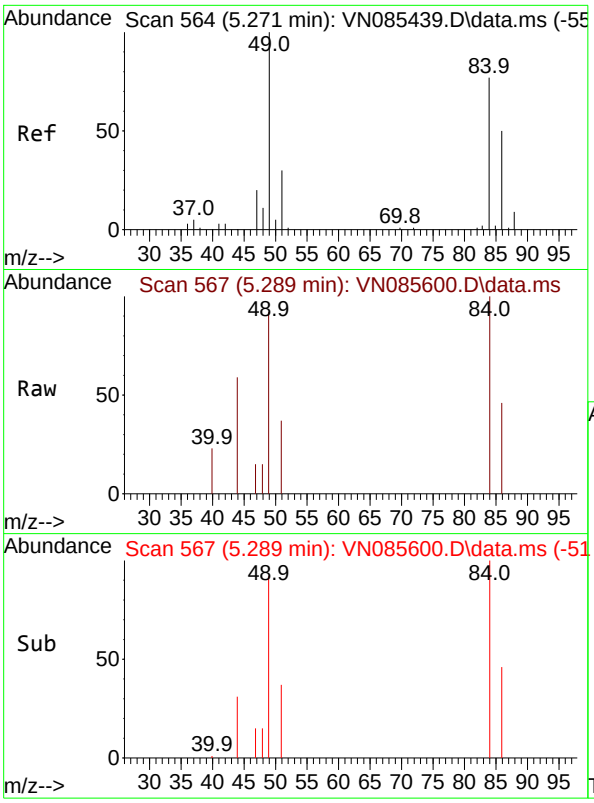


#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 43 Resp: 2890

Ion	Ratio	Lower	Upper
43	100		
74	8.7	18.6	28.0#



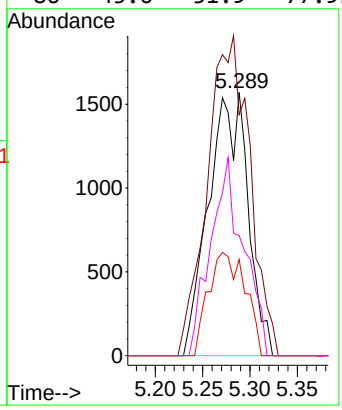


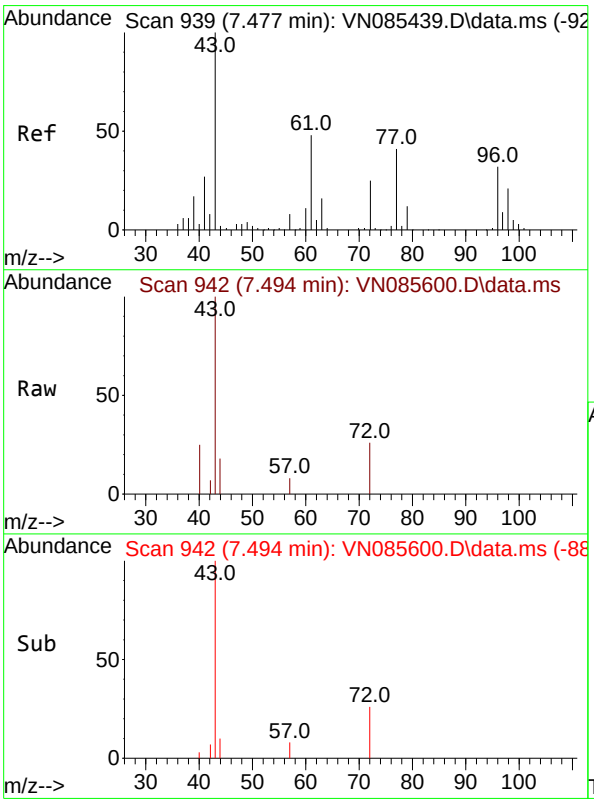
#20
Methylene Chloride
Concen: 1.958 ug/l
RT: 5.289 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 84 Resp: 4507

Ion	Ratio	Lower	Upper
84	100		
49	91.7	104.1	156.1#
51	36.6	31.0	46.4
86	45.6	51.9	77.9#

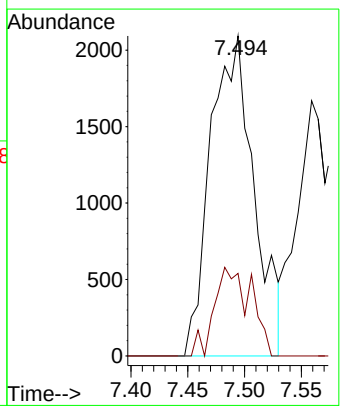


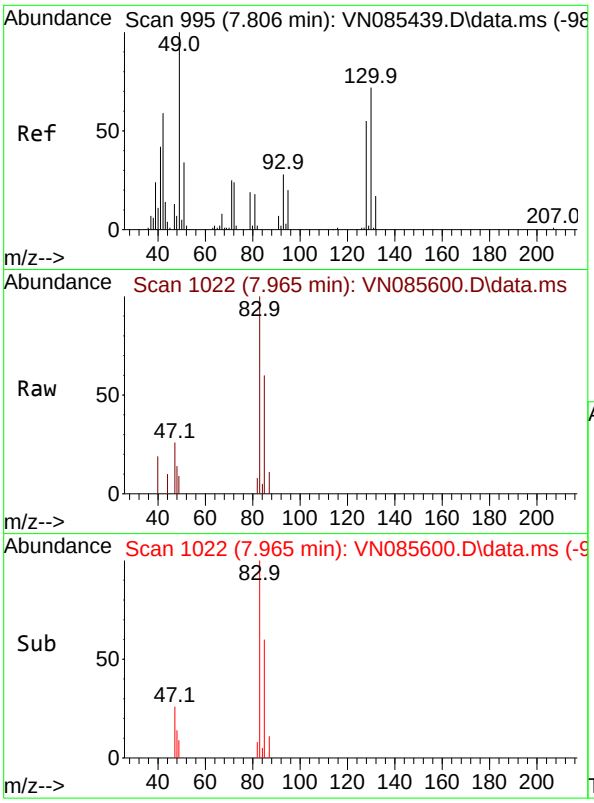


#25
2-Butanone
Concen: 4.081 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 43 Resp: 5585

Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.2	30.4



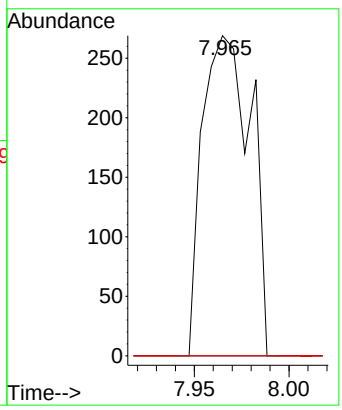


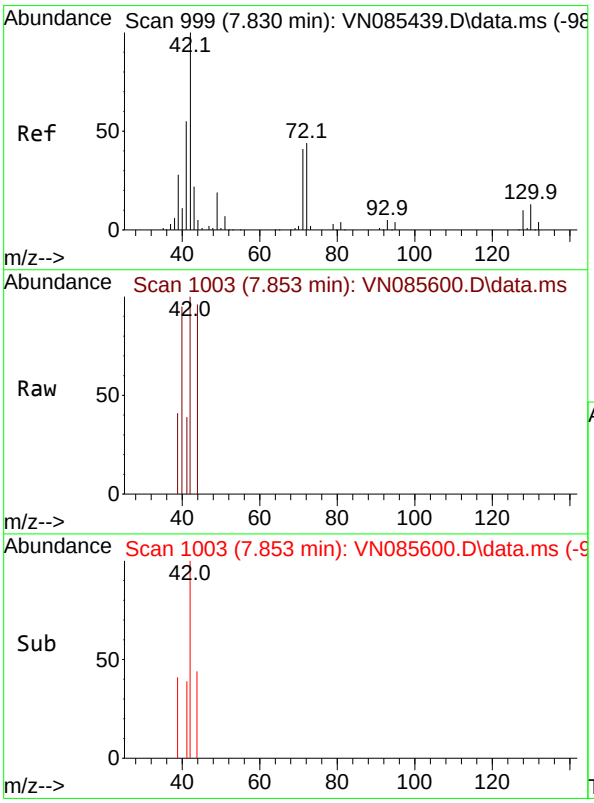
#28
Bromochloromethane
Concen: 0.245 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.159 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 49 Resp: 480

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

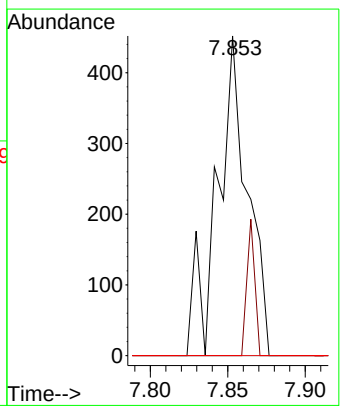


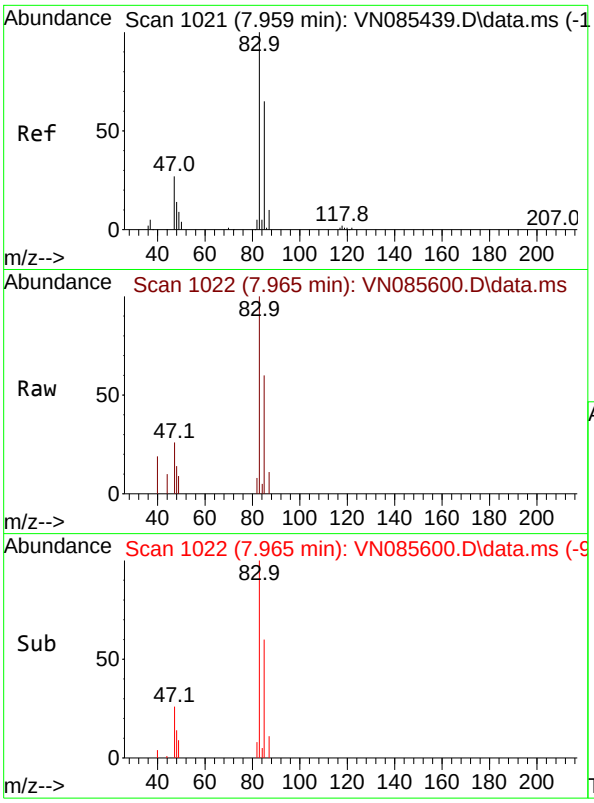


#29
Tetrahydrofuran
Concen: 0.710 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.023 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 42 Resp: 616

Ion	Ratio	Lower	Upper
42	100		
72	11.0	34.2	51.2#
71	0.0	32.5	48.7#



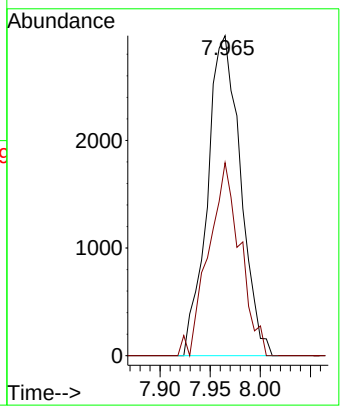


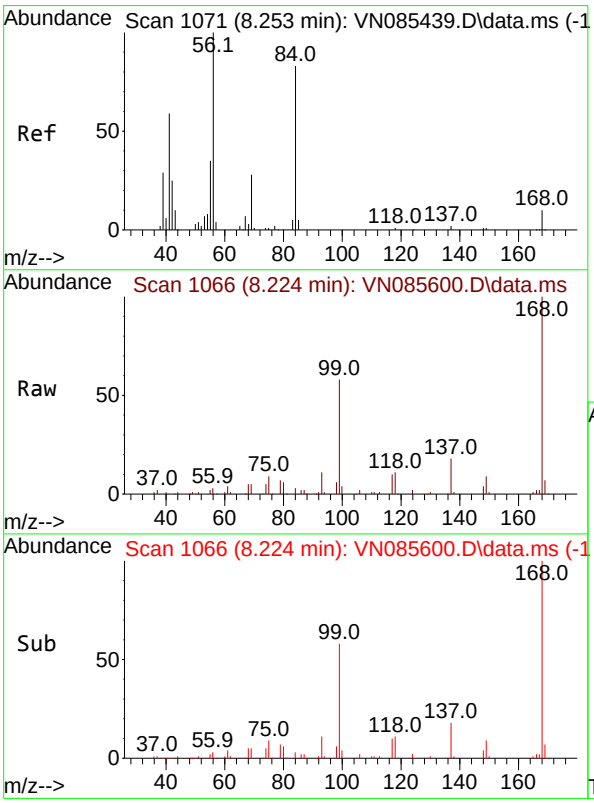
#30
Chloroform
Concen: 1.575 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 83 Resp: 6839

Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.8	77.6

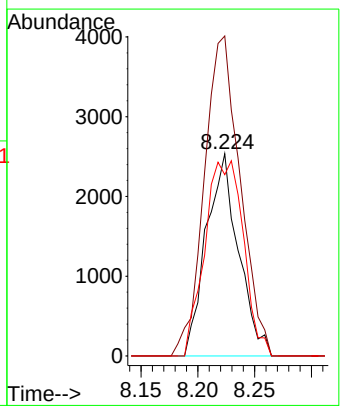


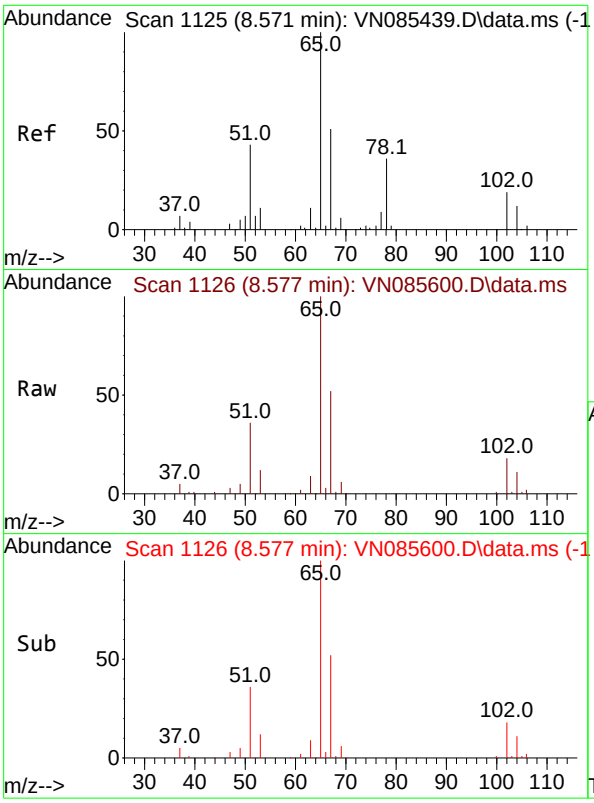


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 56 Resp: 5008

Ion	Ratio	Lower	Upper
56	100		
69	158.3	22.2	33.4#
84	89.7	66.4	99.6



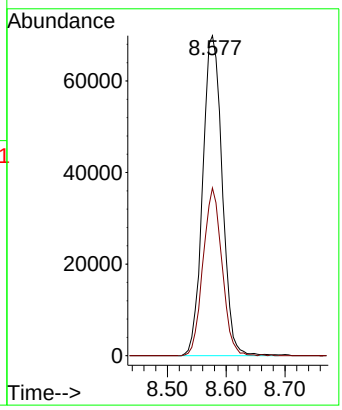


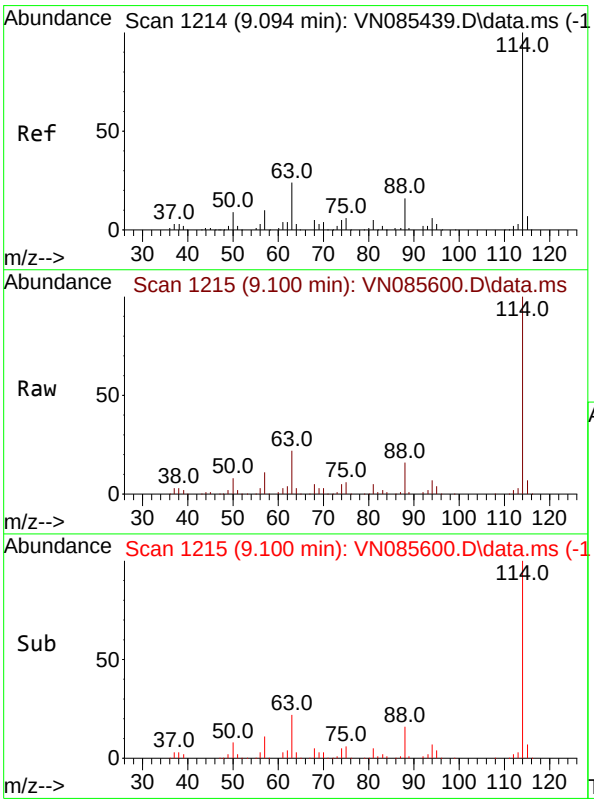
#33
1,2-Dichloroethane-d4
Concen: 55.899 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 65 Resp: 160892

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

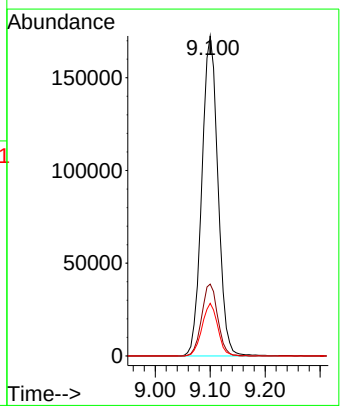


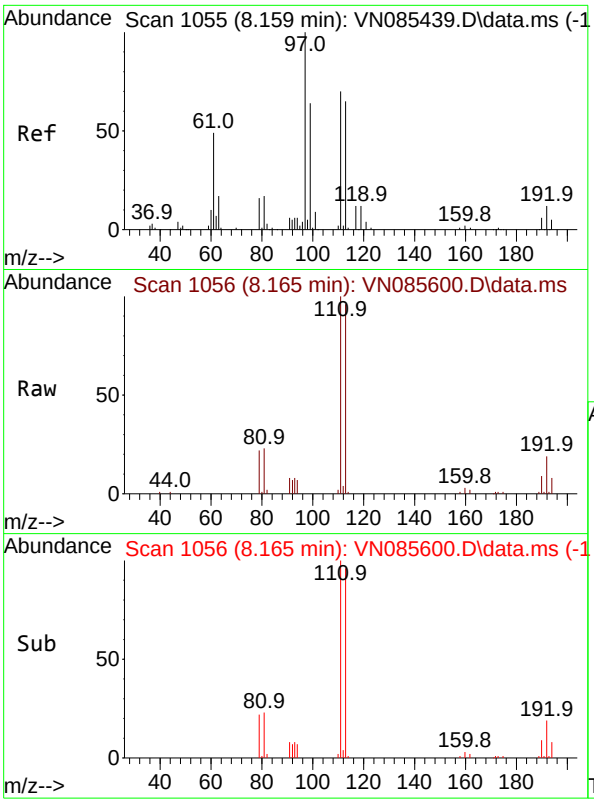


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion:114 Resp: 351666

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.6
88	16.5	0.0	32.6



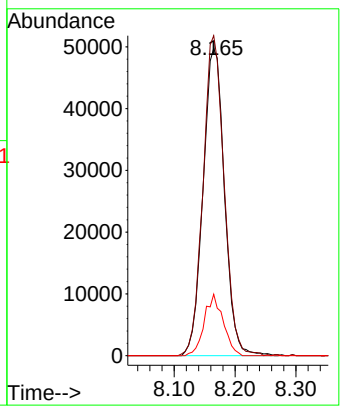


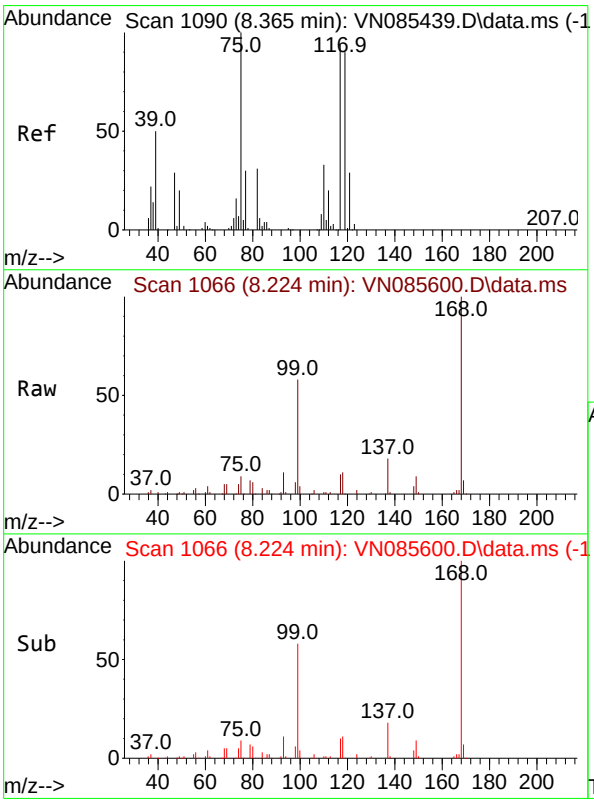
#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:113 Resp: 121405

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	17.6	14.3	21.5

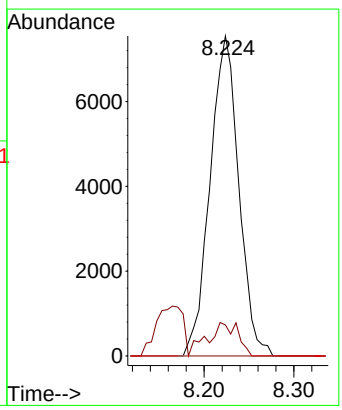


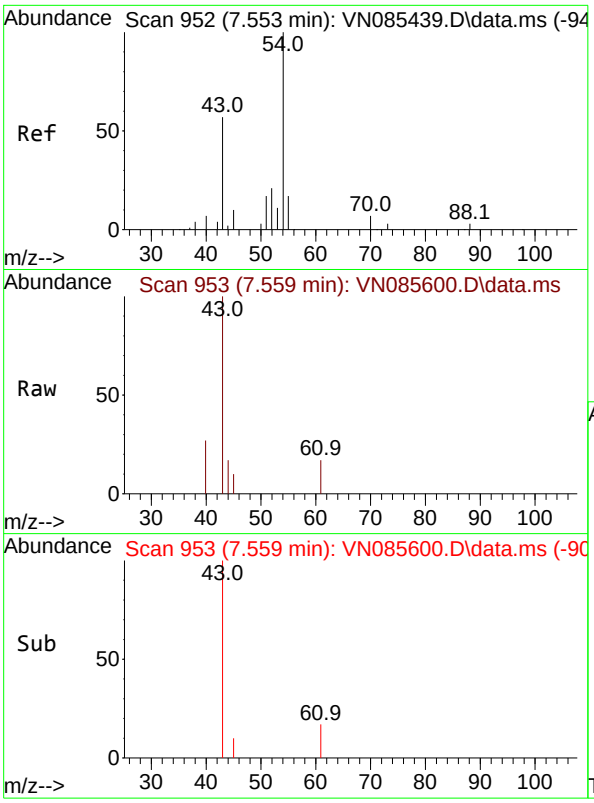


#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 75 Resp: 16800

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.5	49.5#
77	0.0	24.4	36.6#



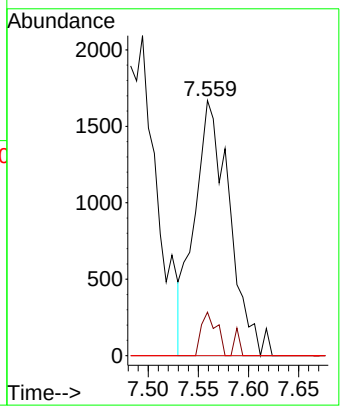


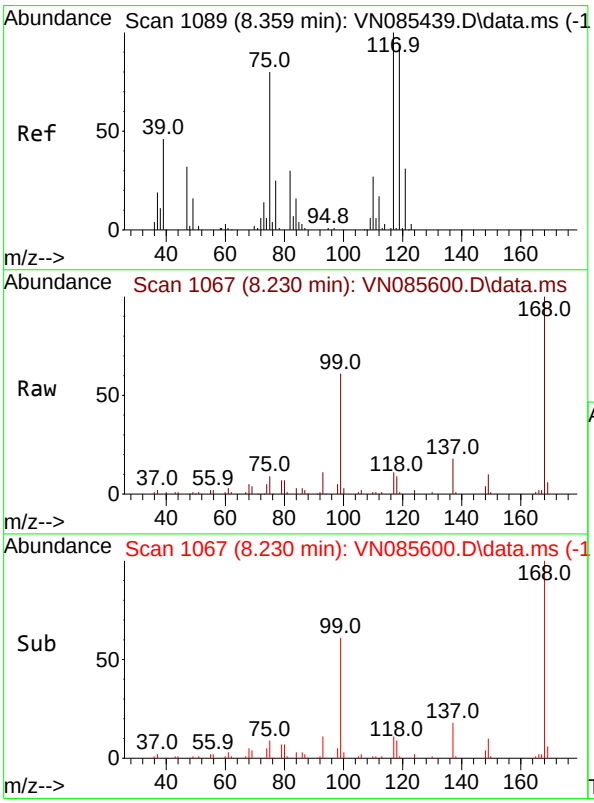
#37
Ethyl Acetate
Concen: 1.181 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 43 Resp: 4081

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

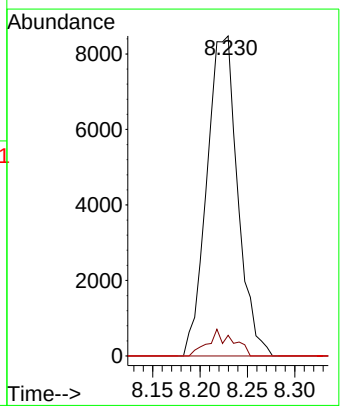


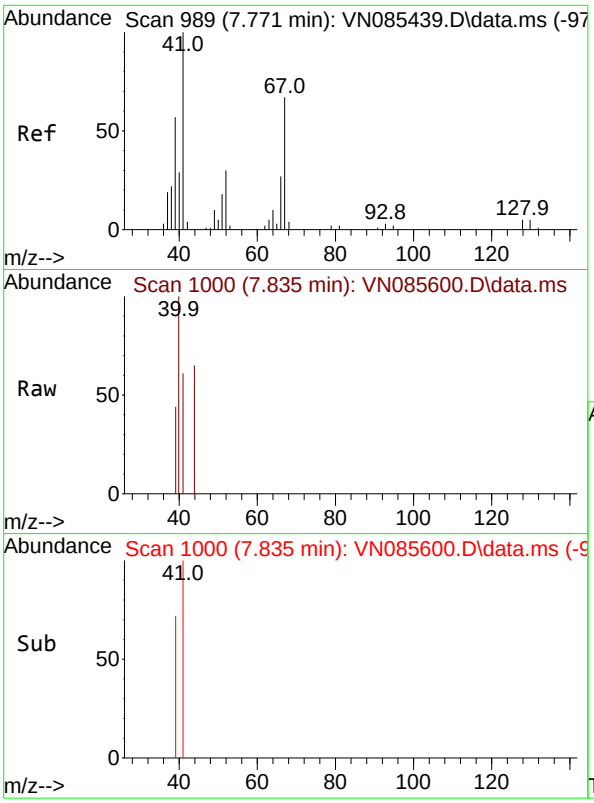


#38
Carbon Tetrachloride
Concen: 4.895 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion:117 Resp: 19187

Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.4	113.2#
121	0.0	24.6	37.0#



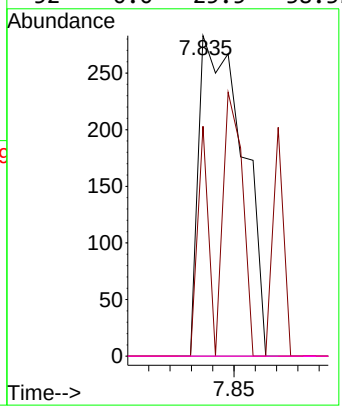


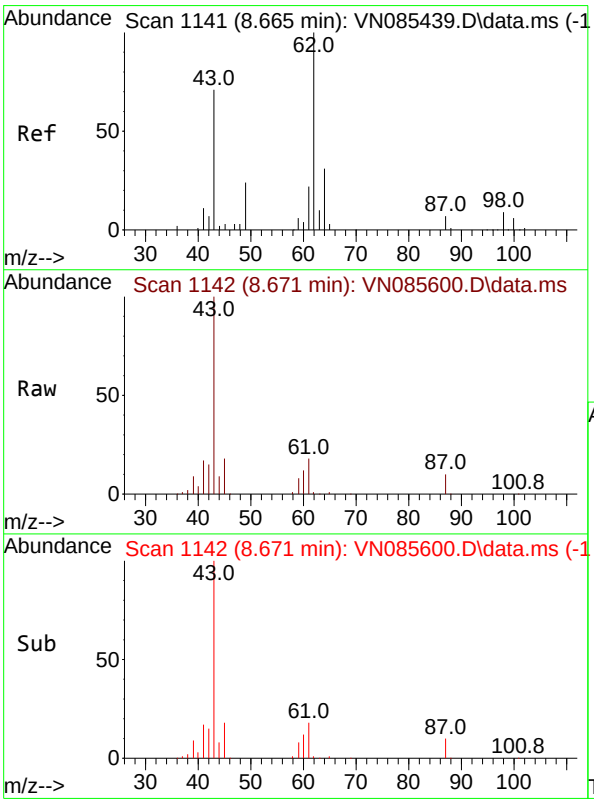
#41
Methacrylonitrile
Concen: 0.225 ug/l
RT: 7.835 min Scan# 1
Delta R.T. 0.065 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 41 Resp: 405

Ion	Ratio	Lower	Upper
41	100		
39	54.1	46.0	69.0
67	0.0	57.4	86.2#
52	0.0	25.5	38.3#

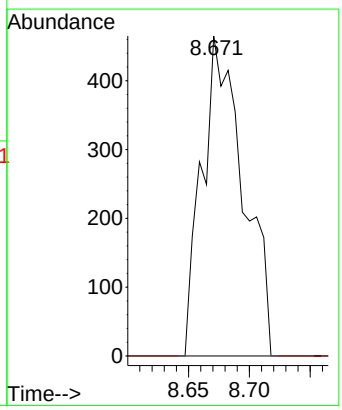


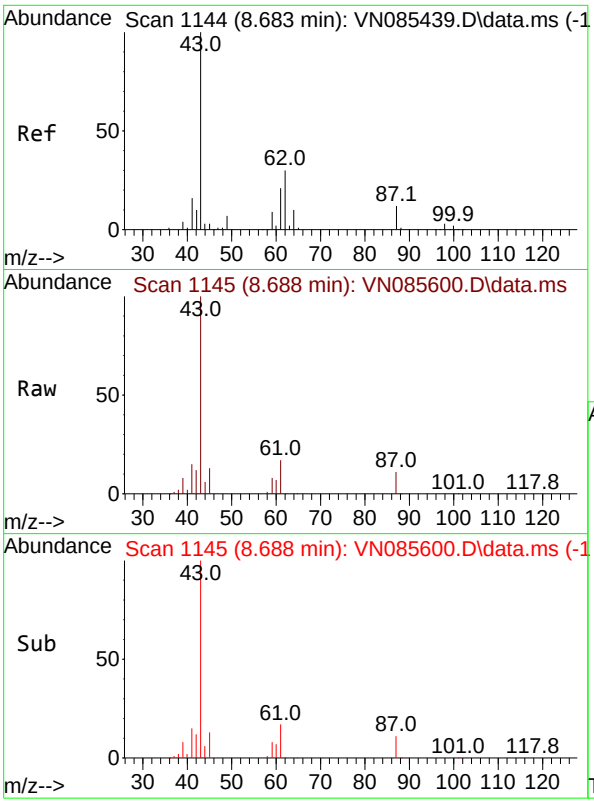


#42
1,2-Dichloroethane
Concen: 0.283 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 62 Resp: 1098

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



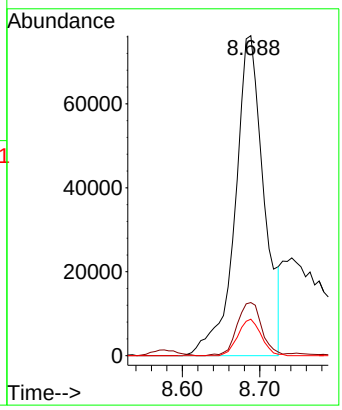


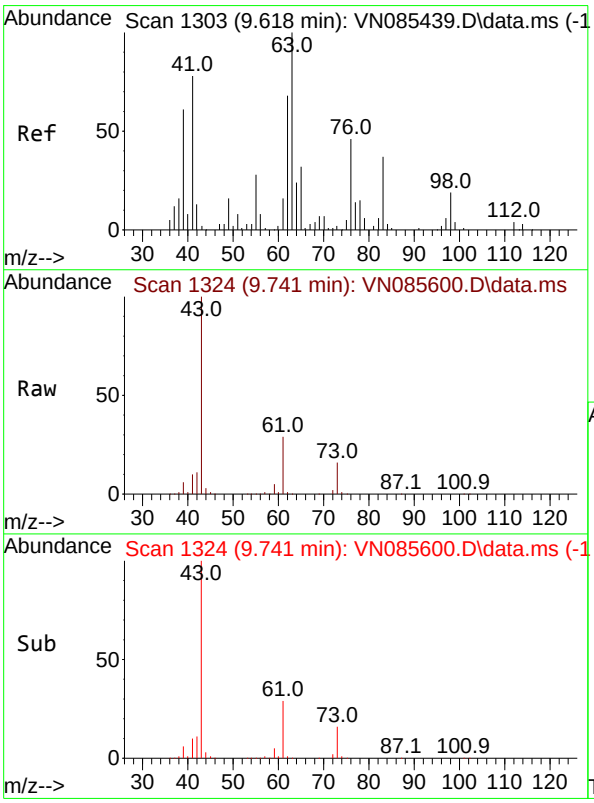
#43
Isopropyl Acetate
Concen: 35.530 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 43 Resp: 196762

Ion	Ratio	Lower	Upper
43	100		
61	14.4	20.7	31.1#
87	9.2	9.8	14.8#

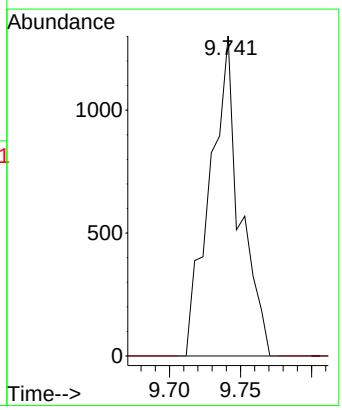


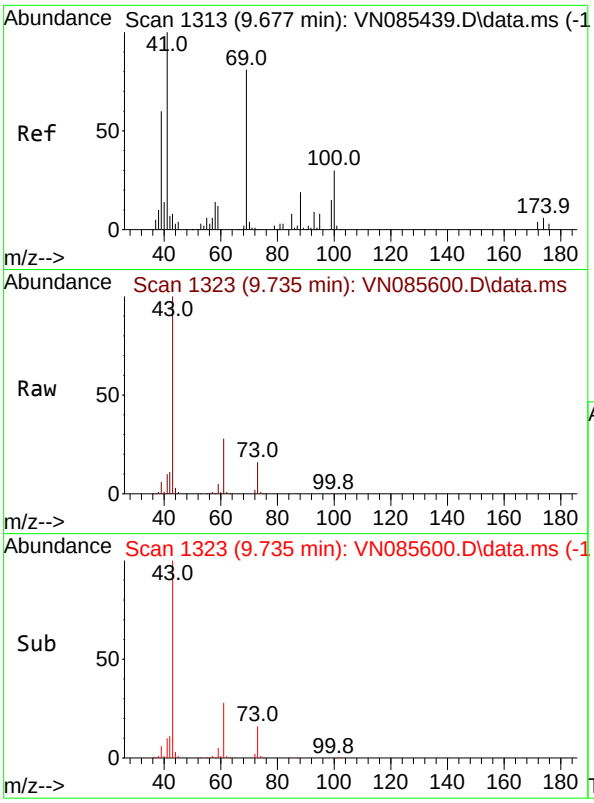


#45
1,2-Dichloropropane
Concen: 0.726 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 63 Resp: 1909

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#



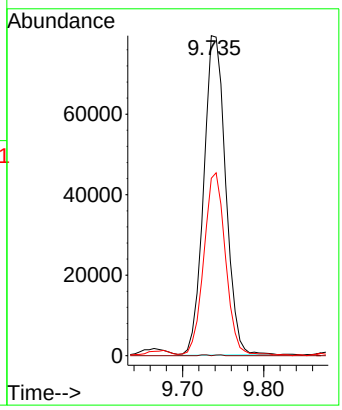


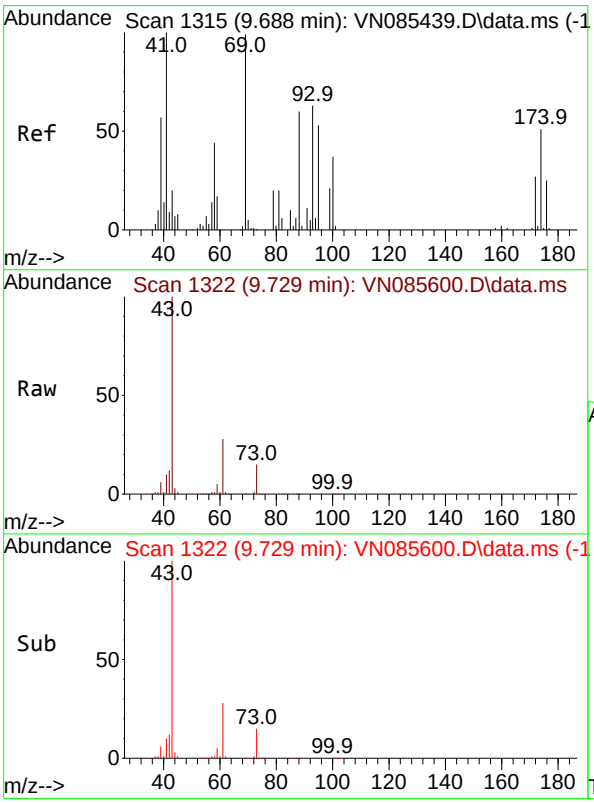
#48
Methyl methacrylate
Concen: 59.838 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.058 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 41 Resp: 149126

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.7	97.1#
39	56.9	49.0	73.6

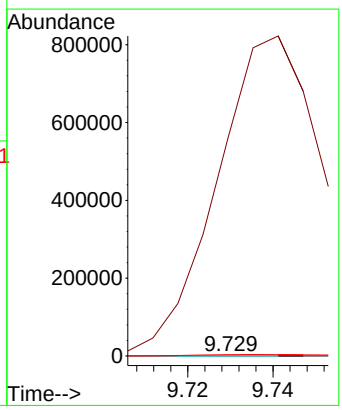


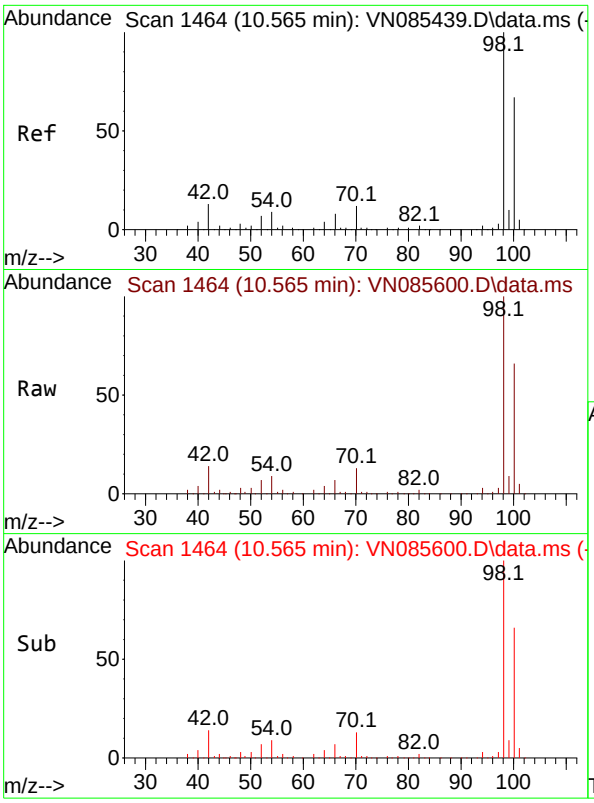


#49
1,4-Dioxane
Concen: 1.382 ug/l
RT: 9.729 min Scan# 1322
Delta R.T. 0.041 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	2546501.7	26.6	39.8#
58	13037.9	59.5	89.3#



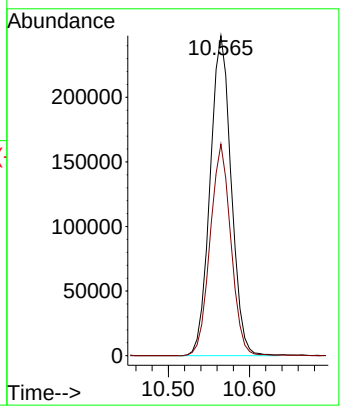


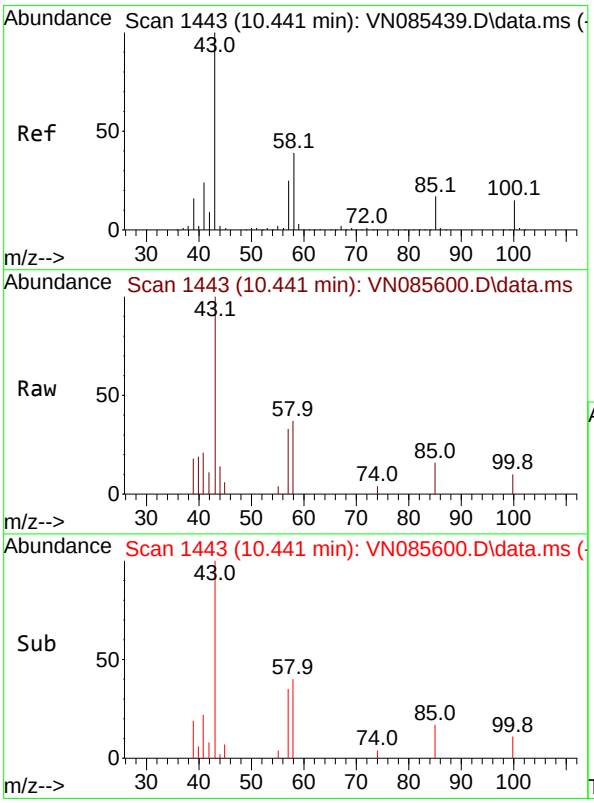
#50
Toluene-d8
Concen: 51.670 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 98 Resp: 447884

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

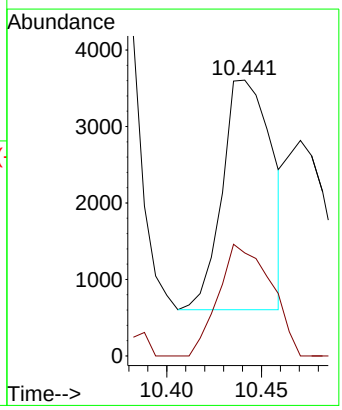


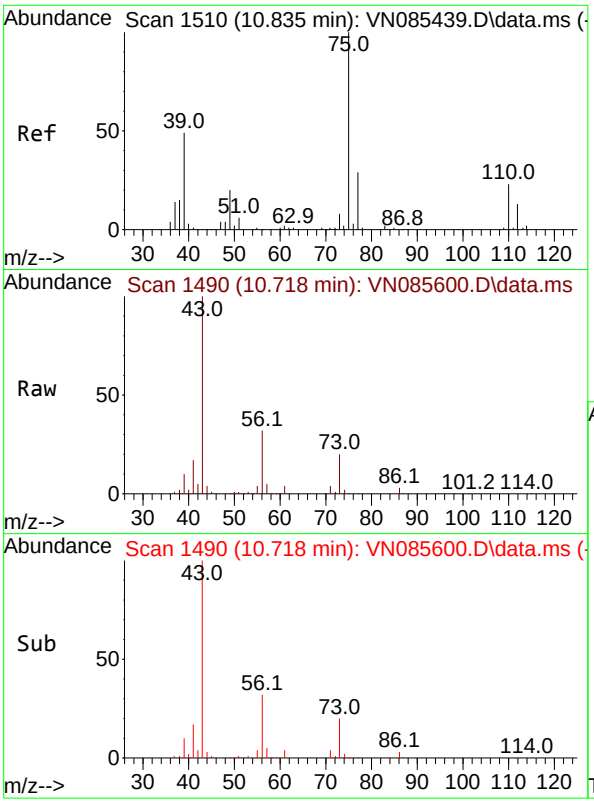


#51
4-Methyl-2-Pentanone
Concen: 1.700 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 43 Resp: 5464

Ion	Ratio	Lower	Upper
43	100		
58	51.5	30.5	45.7#



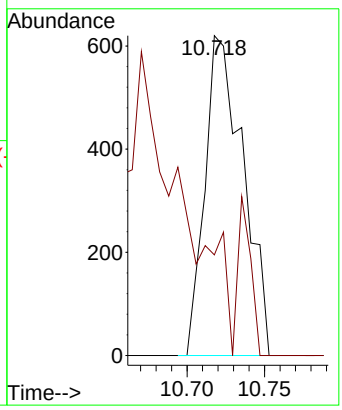


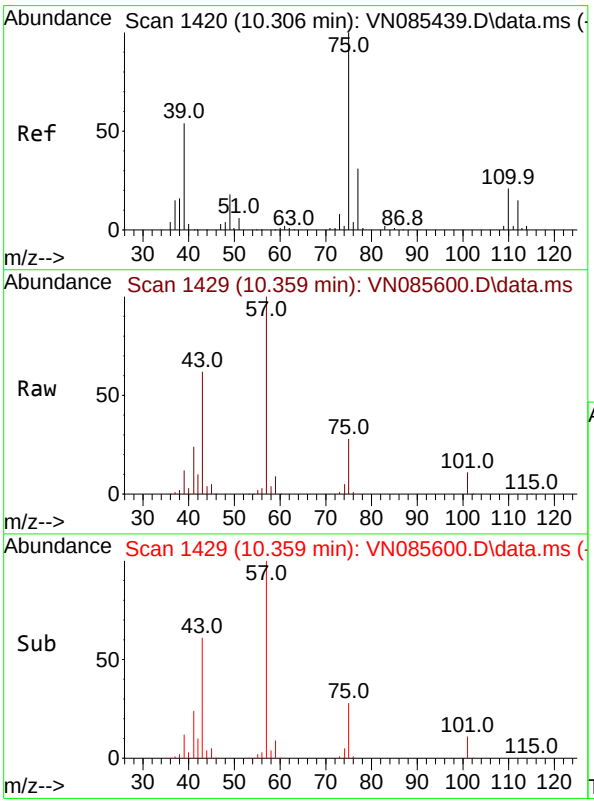
#53
t-1,3-Dichloropropene
Concen: 0.291 ug/l
RT: 10.718 min Scan# 14
Delta R.T. -0.118 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 75 Resp: 1061

Ion	Ratio	Lower	Upper
75	100		
77	31.5	23.5	35.3

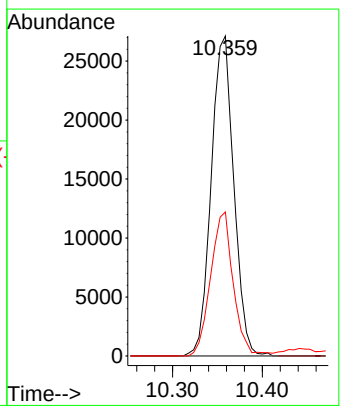


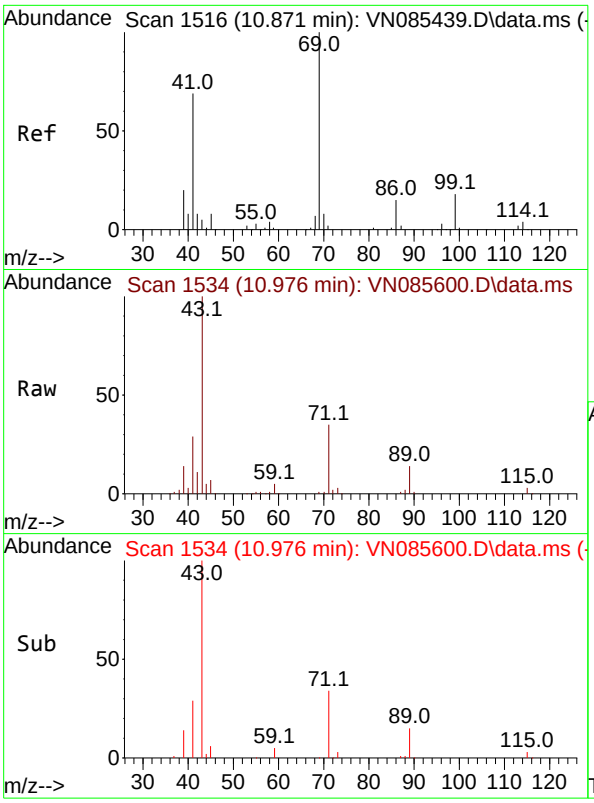


#54
cis-1,3-Dichloropropene
Concen: 12.151 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 75 Resp: 47384

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	45.0	43.1	64.7



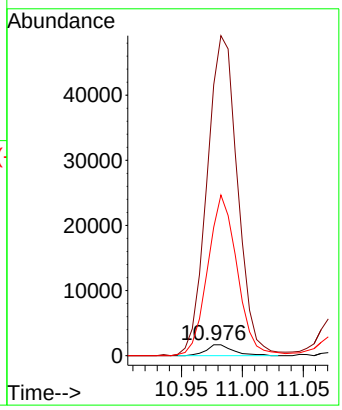


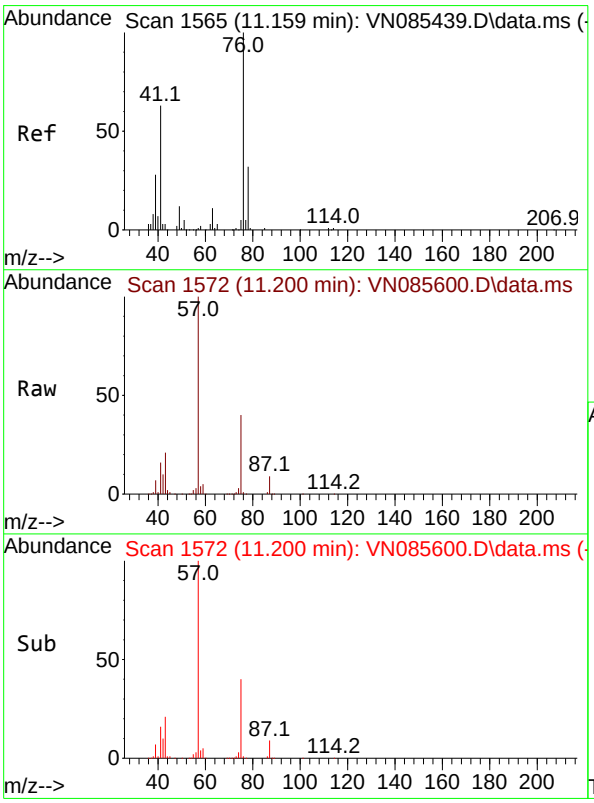
#56
Ethyl methacrylate
Concen: 2.563 ug/l
RT: 10.976 min Scan# 1
Delta R.T. 0.105 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 69 Resp: 2612

Ion	Ratio	Lower	Upper
69	100		
41	3291.6	54.6	82.0#
39	1592.7	32.4	48.6#

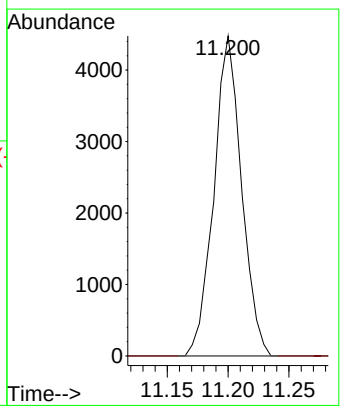


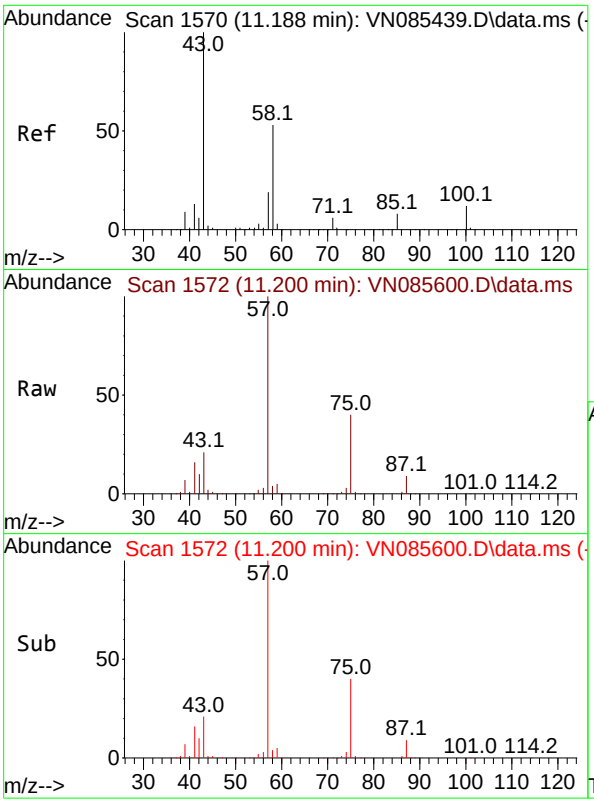


#57
1,3-Dichloropropane
Concen: 1.728 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 76 Resp: 7090

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



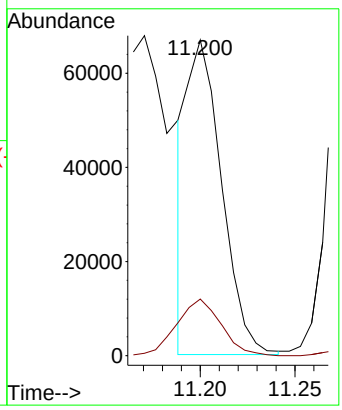


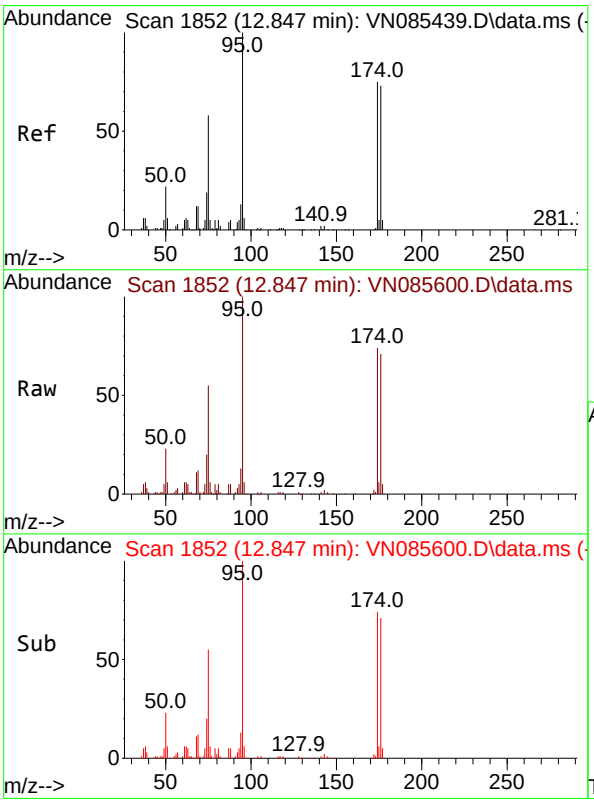
#59
2-Hexanone
Concen: 38.022 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 43 Resp: 85974

Ion	Ratio	Lower	Upper
43	100		
58	22.9	26.2	78.6#

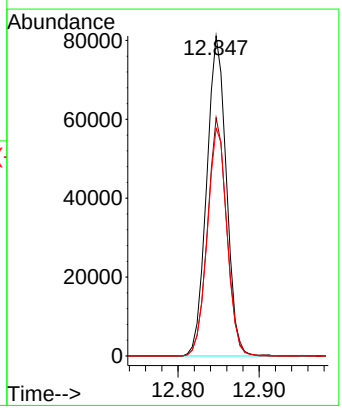


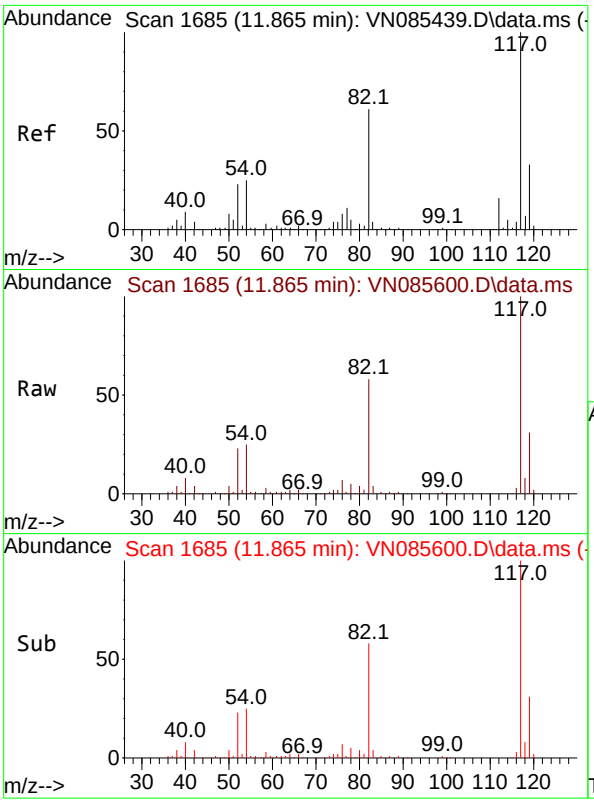


#62
4-Bromofluorobenzene
Concen: 45.833 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 95 Resp: 135902

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	145.0
176	71.5	0.0	142.4



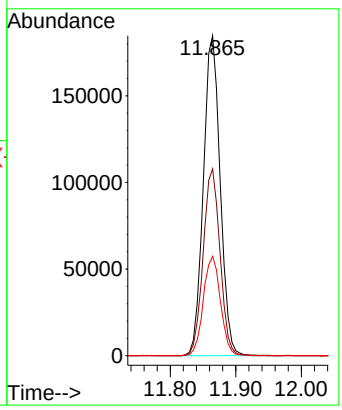


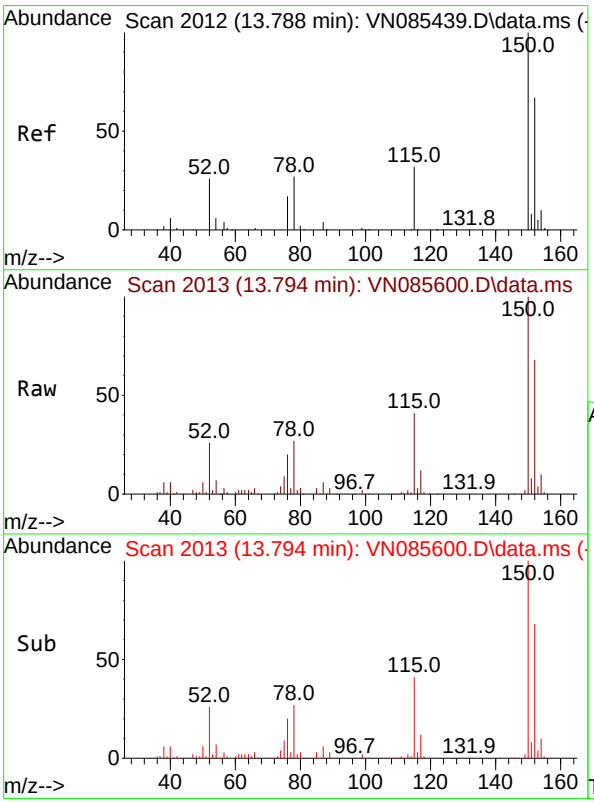
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:117 Resp: 330047

Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.6	72.8
119	31.0	26.6	39.8

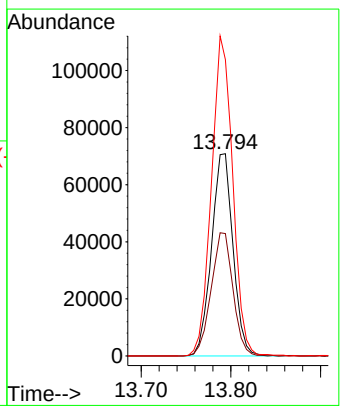


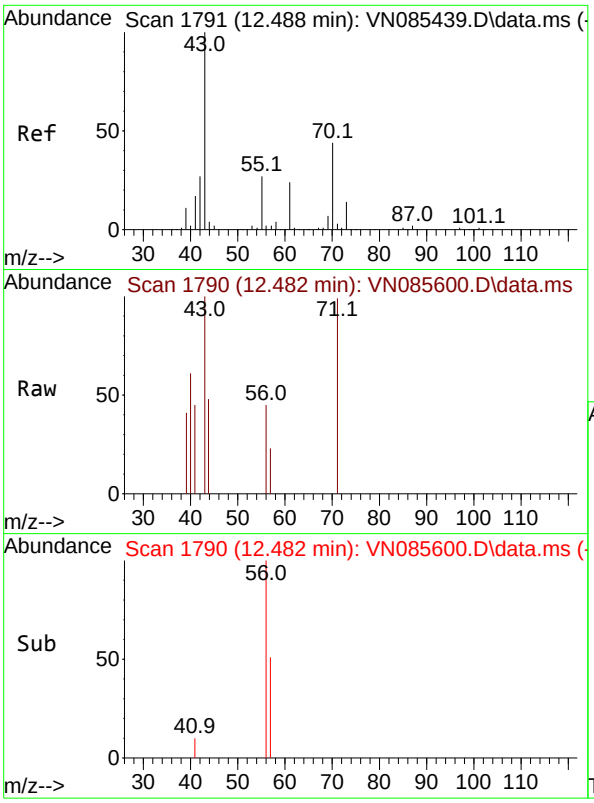


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion:152 Resp: 118120

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.1	93.3
150	156.2	0.0	343.6



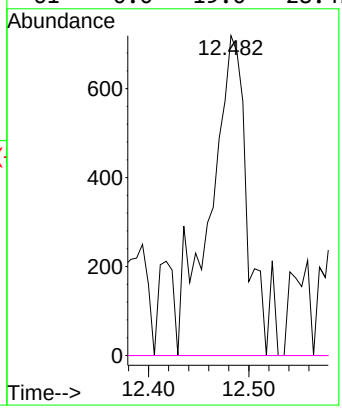


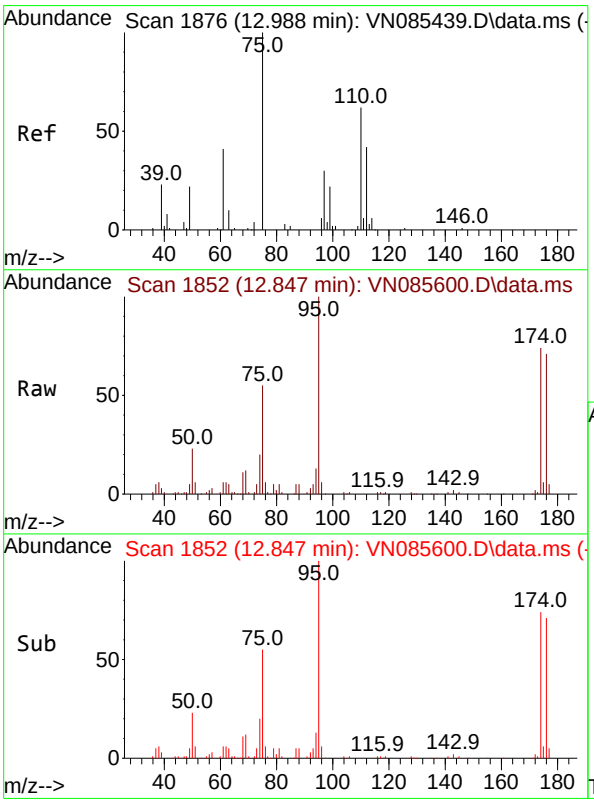
#74
N-amyl acetate
Concen: 0.523 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 43 Resp: 1873

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#

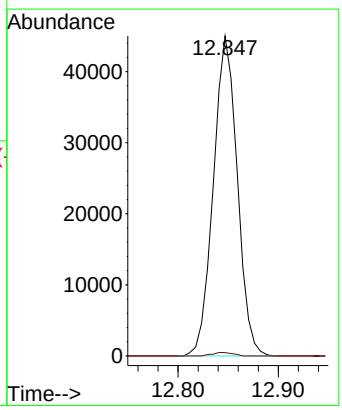


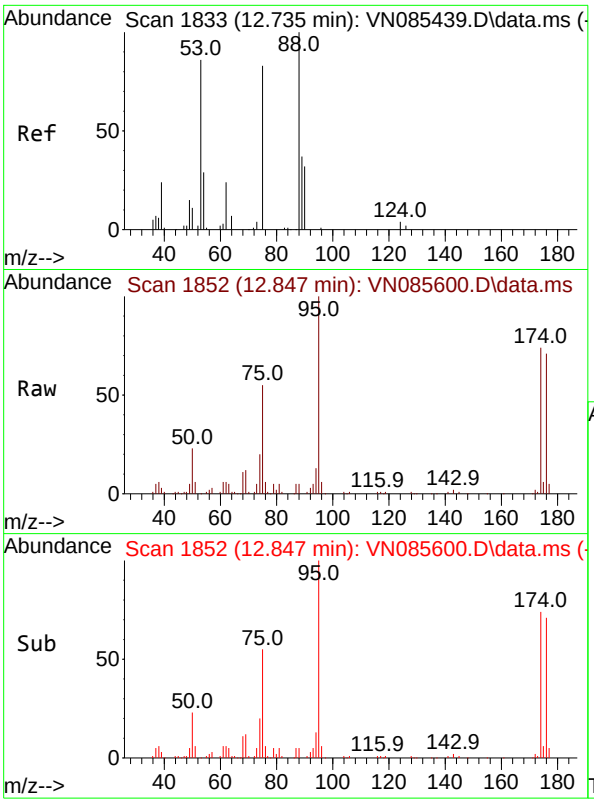


#76
1,2,3-Trichloropropane
Concen: 31.038 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 75 Resp: 74517

Ion	Ratio	Lower	Upper
75	100		
77	0.9	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.976 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 75 Resp: 74517

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