Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085608.D
Acq On : 31 Jan 2025 17:40
Operator : JC\MD
Sample : PB166357ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Quant Time: Jan 31 22:32:30 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	156761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152211	60.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.300%			
35) Dibromofluoromethane	8.165	113	112986	50.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	10.565	98	416004	52.501	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.847	95	125869	46.438	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.880%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	483	0.210	ug/l #	41
11) Tert butyl alcohol	5.530	59	76	0.262	ug/l #	71
16) Acetone	4.436	43	39464	48.268	ug/l	96
18) Methyl Acetate	5.024	43	1845	0.742	ug/l #	52
20) Methylene Chloride	5.283	84	8169	4.036	ug/l #	86
25) 2-Butanone	7.483	43	4805	3.994	ug/l #	85
29) Tetrahydrofuran	7.847	42	262	0.343	ug/l #	34
30) Chloroform	7.965	83	1506	0.394	ug/l	88
31) Cyclohexane	8.218	56	4970	1.548	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	15296	4.887	ug/l #	50
37) Ethyl Acetate	7.565	43	3683	1.166	ug/l #	82
38) Carbon Tetrachloride	8.224	117	18279	5.101	ug/l #	16
42) 1,2-Dichloroethane	8.682	62	1124	0.317	ug/l #	76
43) Isopropyl Acetate	8.688	43	243799	48.160	ug/l #	78
45) 1,2-Dichloropropane	9.735	63	1619	0.674	ug/l #	43
48) Methyl methacrylate	9.741	41	144247	63.318	ug/l #	46
51) 4-Methyl-2-Pentanone	10.447	43	12409	4.224	ug/l #	73
53) t-1,3-Dichloropropene	10.723	75	950	0.285	ug/l	93
54) cis-1,3-Dichloropropene	10.359	75	44808	12.570	ug/l #	70
56) Ethyl methacrylate	10.982	69	2336	2.549	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	6668	1.778	ug/l #	43
59) 2-Hexanone	11.200	43	88769	42.947	ug/l #	55
74) N-amyl acetate	12.488	43	1815	0.542	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	71629	31.908	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71629	86.330	ug/l #	3

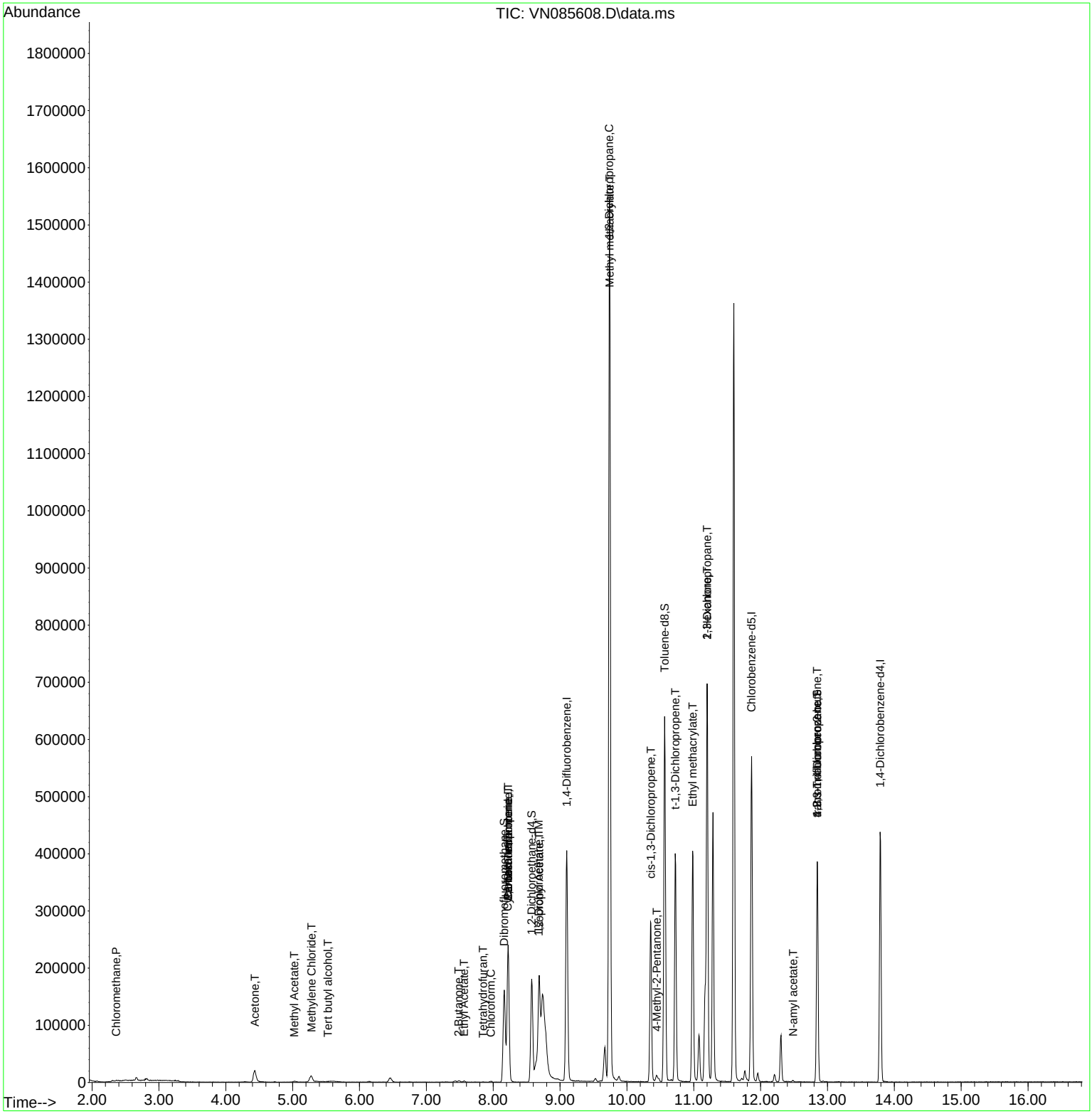
(#) = qualifier out of range (m) = manual integration (+) = signals summed

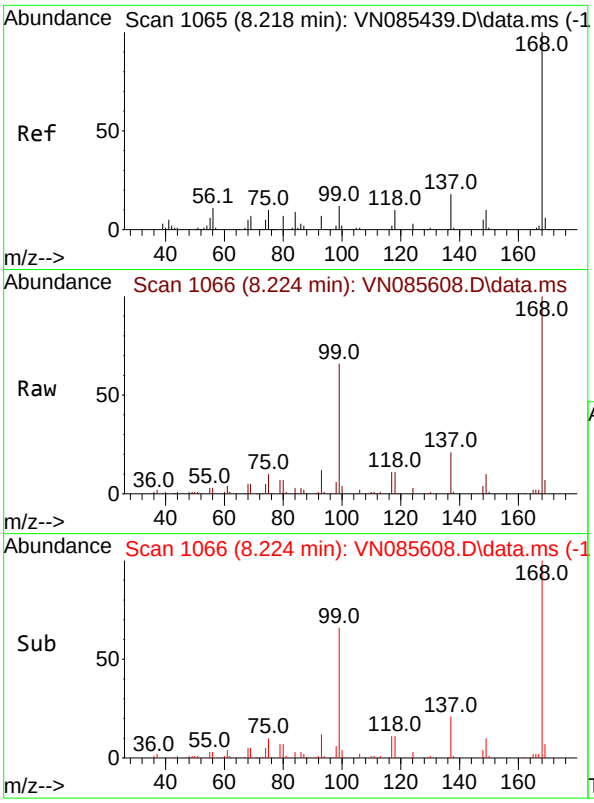
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085608.D
Acq On : 31 Jan 2025 17:40
Operator : JC\MD
Sample : PB166357ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Quant Time: Jan 31 22:32:30 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



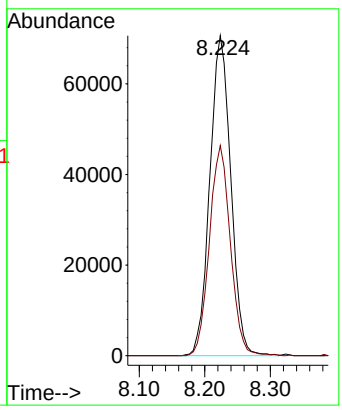


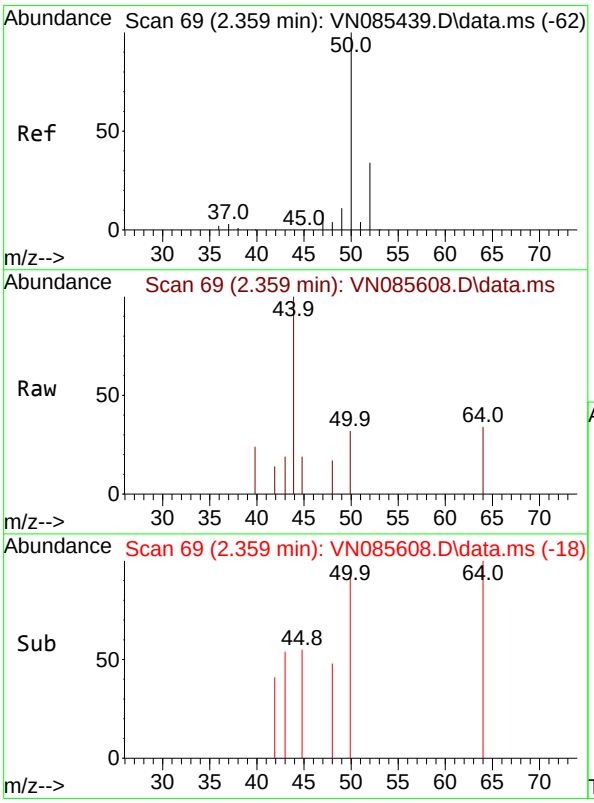
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion:168 Resp: 156761

Ion	Ratio	Lower	Upper
168	100		
99	65.6	53.6	80.4

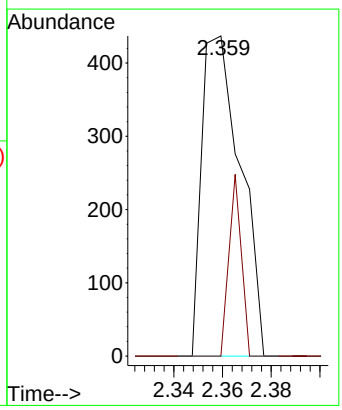


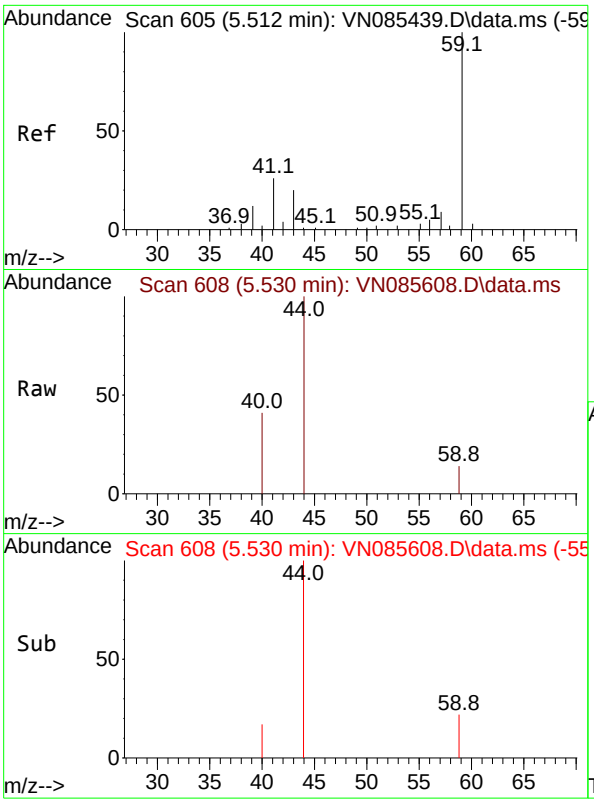


#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 50 Resp: 483

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



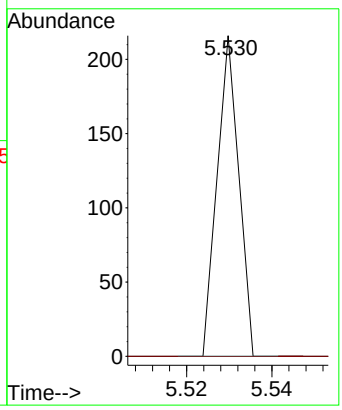


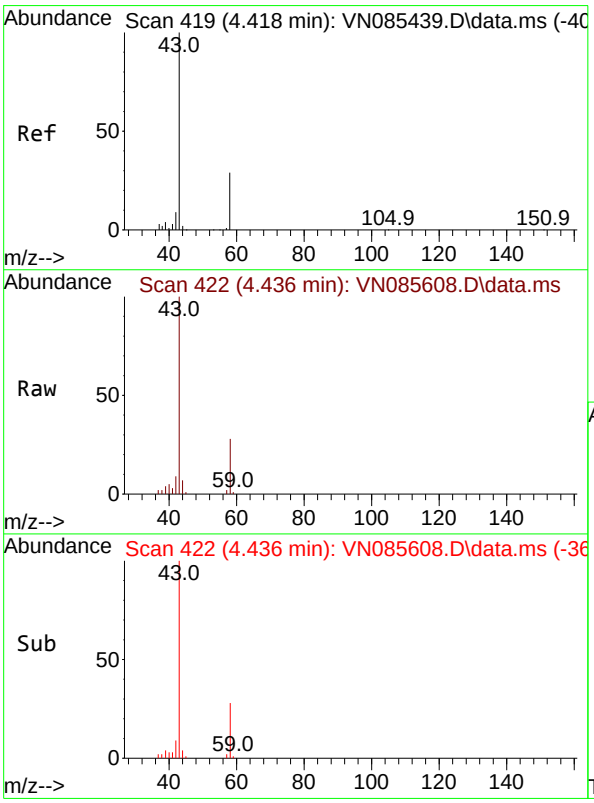
#11
Tert butyl alcohol
Concen: 0.262 ug/l
RT: 5.530 min Scan# 6
Delta R.T. 0.018 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 59 Resp: 76

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

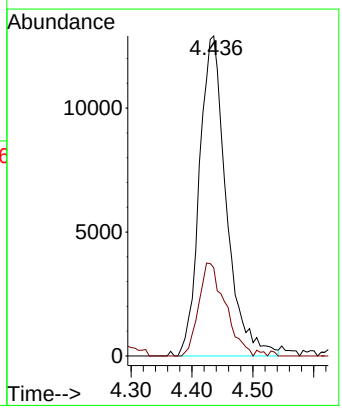


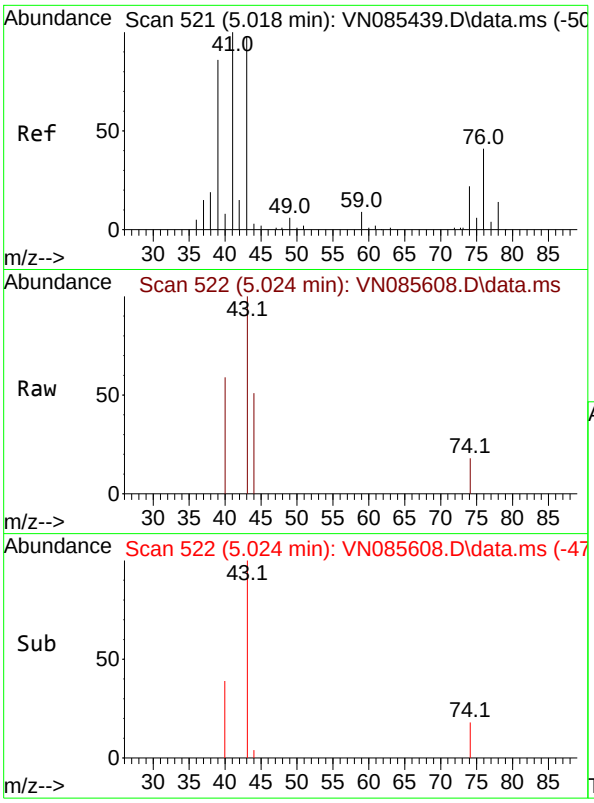


#16
Acetone
Concen: 48.268 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 43 Resp: 39464

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.8	35.6



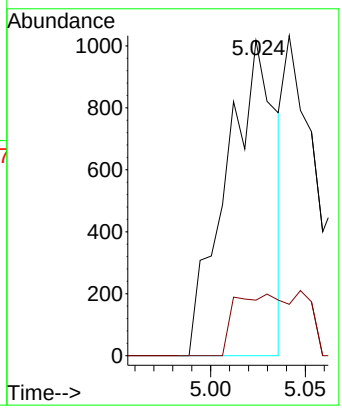


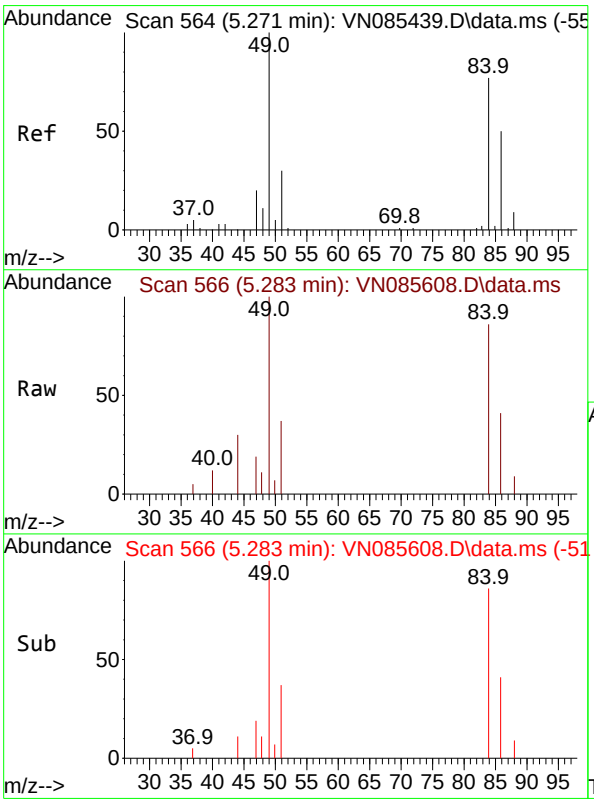
#18
Methyl Acetate
Concen: 0.742 ug/l
RT: 5.024 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 43 Resp: 1845

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

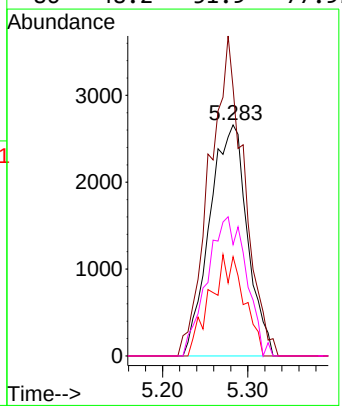


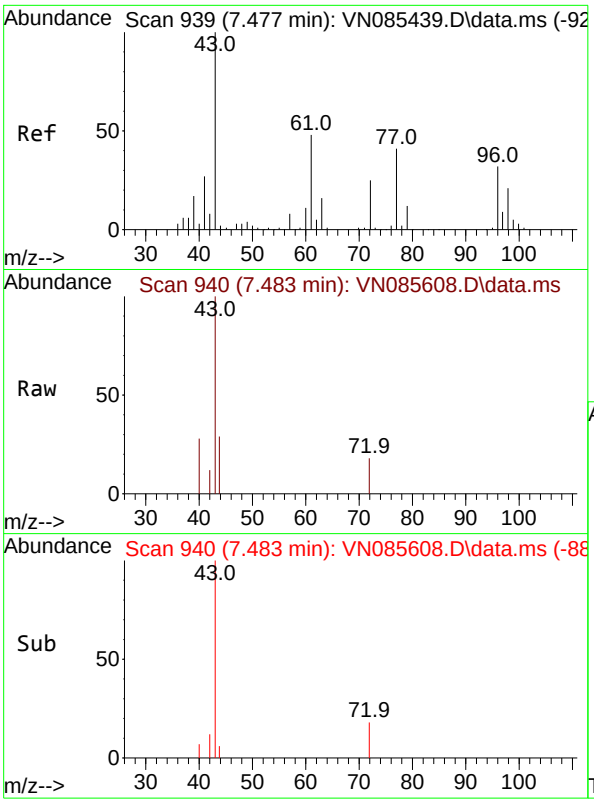


#20
Methylene Chloride
Concen: 4.036 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 84 Resp: 8169

Ion	Ratio	Lower	Upper
84	100		
49	116.1	104.1	156.1
51	42.9	31.0	46.4
86	48.2	51.9	77.9#



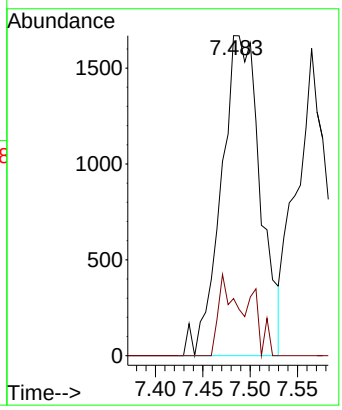


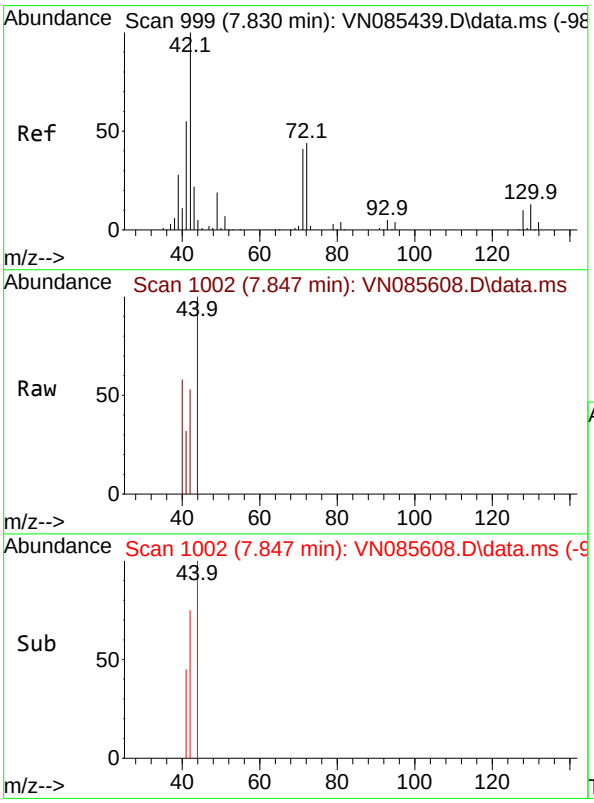
#25
2-Butanone
Concen: 3.994 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 43 Resp: 4805

Ion	Ratio	Lower	Upper
43	100		
72	17.9	20.2	30.4#

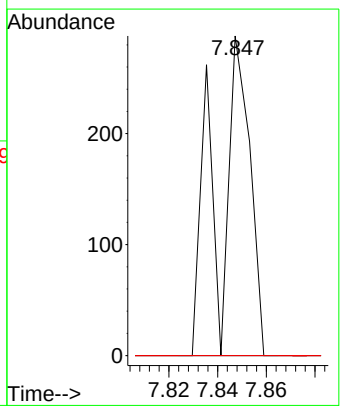


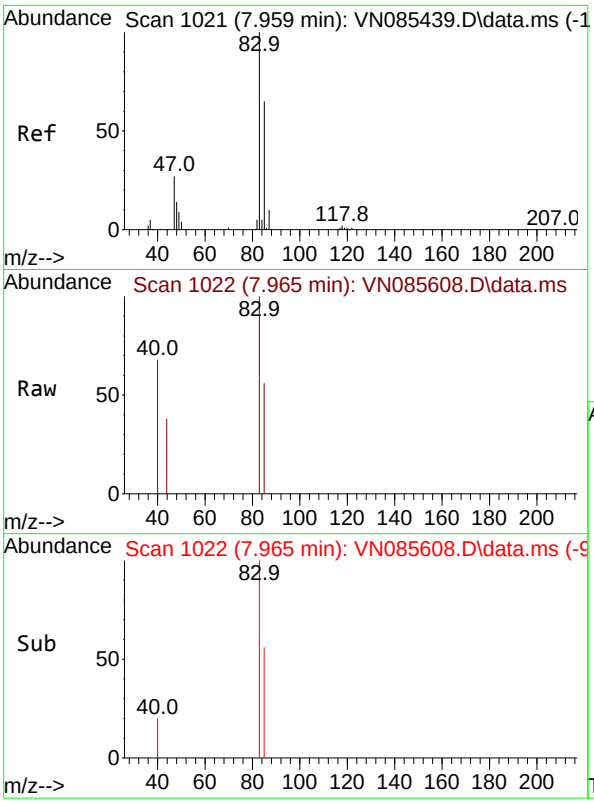


#29
Tetrahydrofuran
Concen: 0.343 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 42 Resp: 262

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



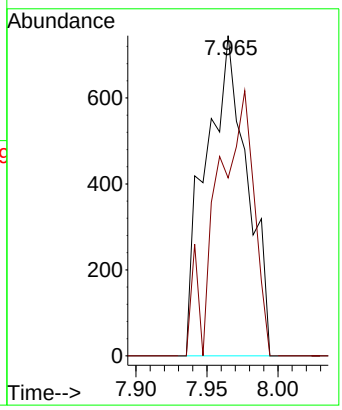


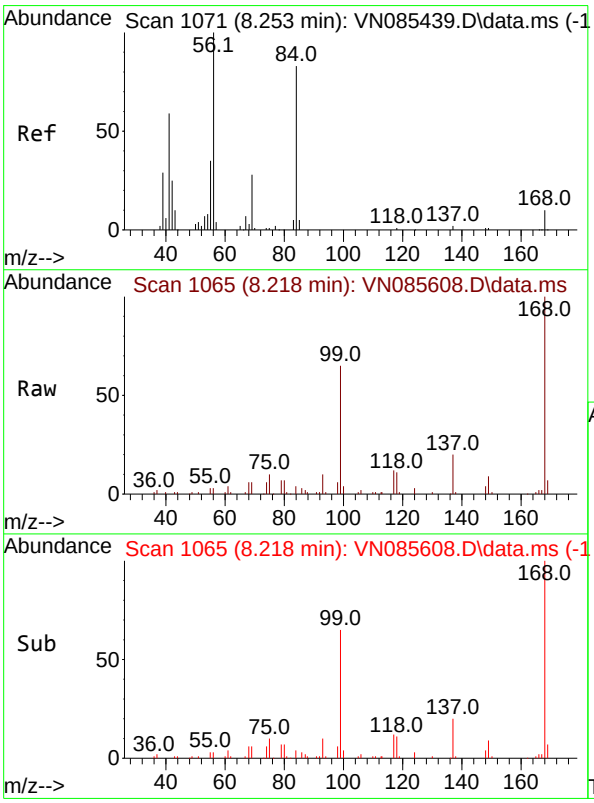
#30
Chloroform
Concen: 0.394 ug/l
RT: 7.965 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 83 Resp: 1506

Ion	Ratio	Lower	Upper
83	100		
85	55.6	51.8	77.6

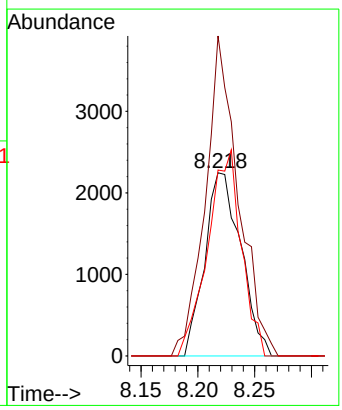


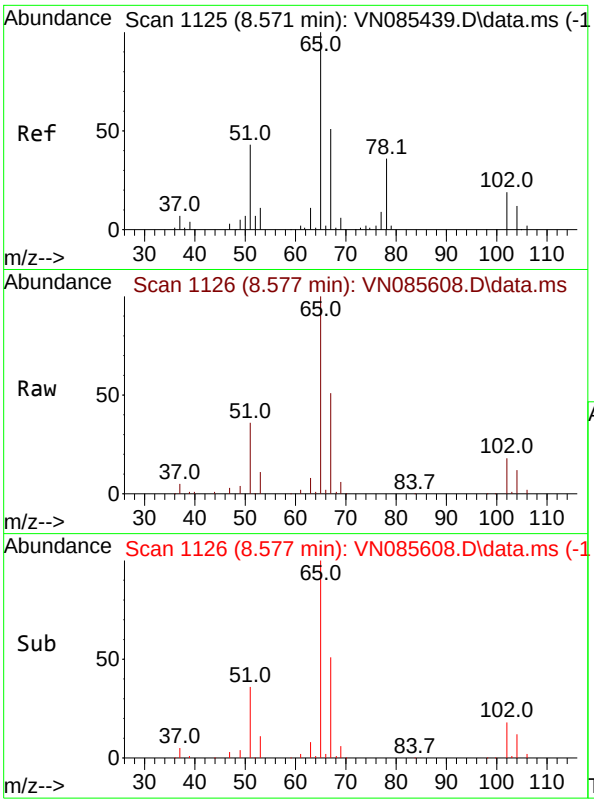


#31
Cyclohexane
Concen: 1.548 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 56 Resp: 4970

Ion	Ratio	Lower	Upper
56	100		
69	174.7	22.2	33.4#
84	101.5	66.4	99.6#



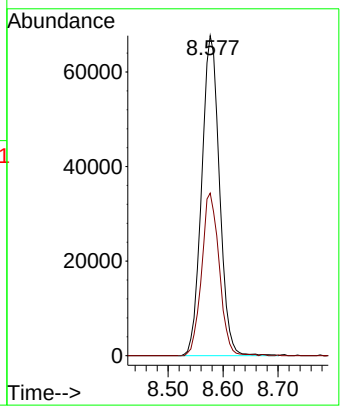


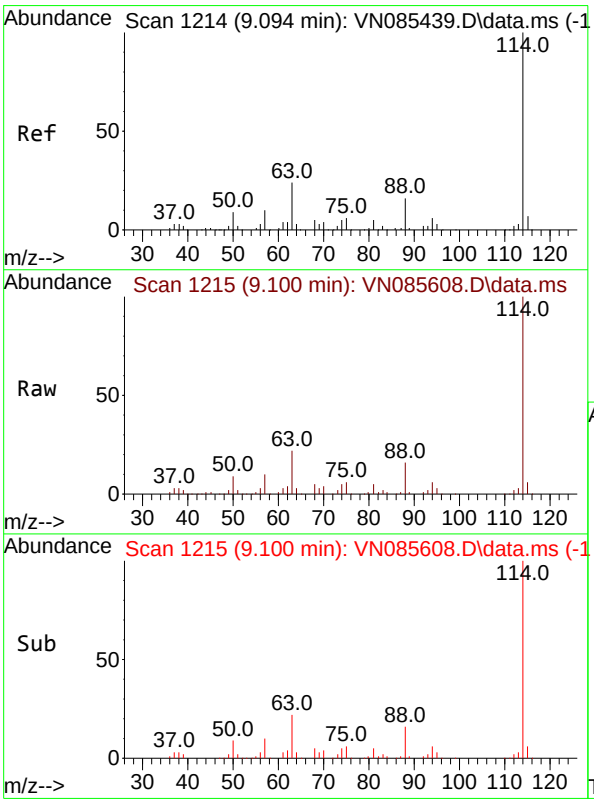
#33
1,2-Dichloroethane-d4
Concen: 60.152 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 65 Resp: 152211

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.6

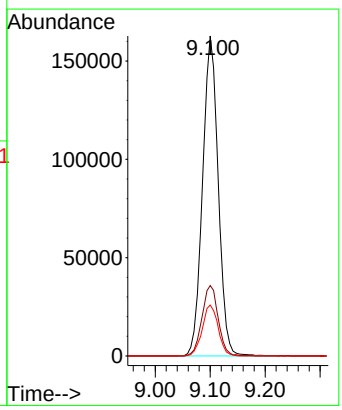


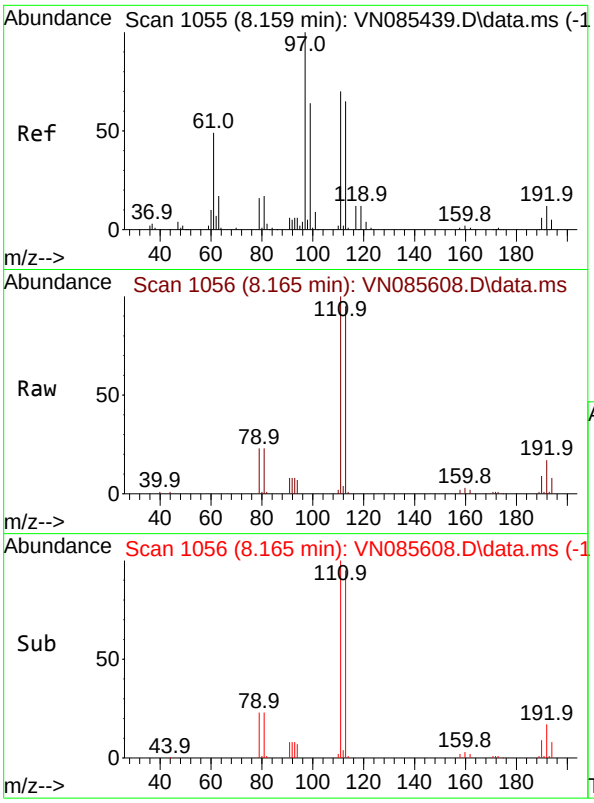


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion:114 Resp: 321461

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.6
88	15.9	0.0	32.6



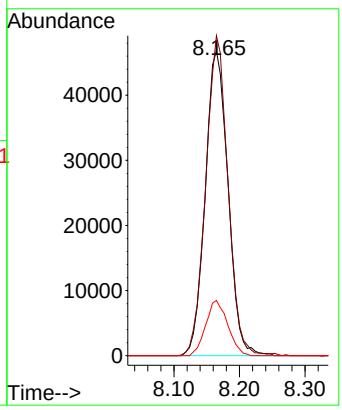


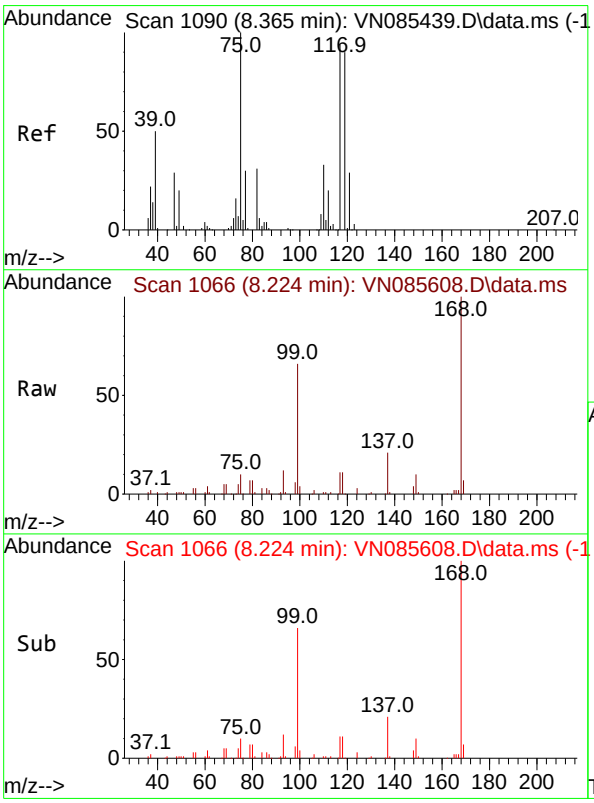
#35
Dibromofluoromethane
Concen: 50.663 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion:113 Resp: 112986

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	17.5	14.3	21.5

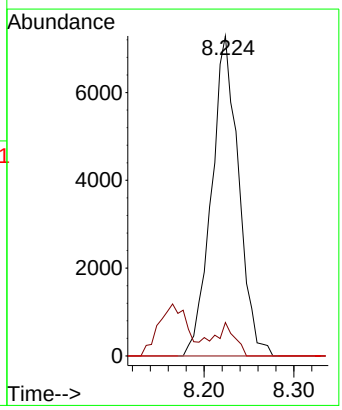


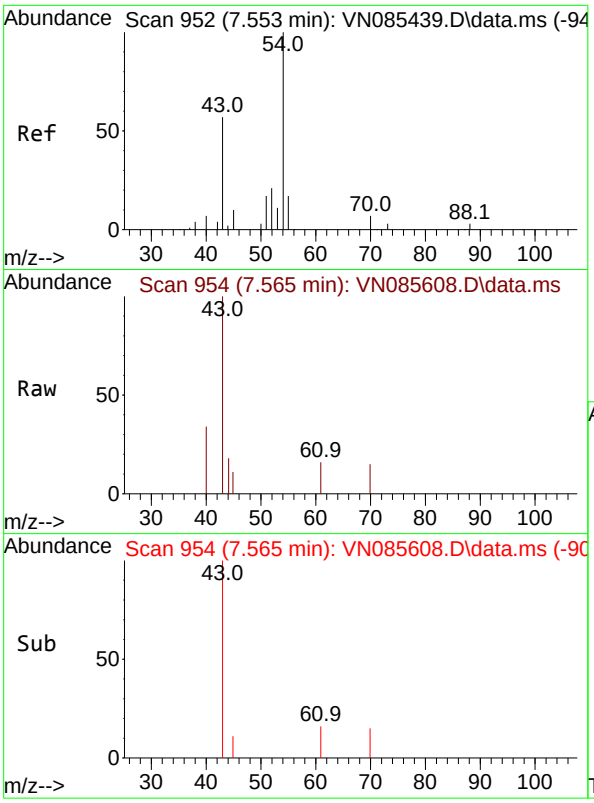


#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 75 Resp: 15296

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.5	49.5#
77	0.0	24.4	36.6#



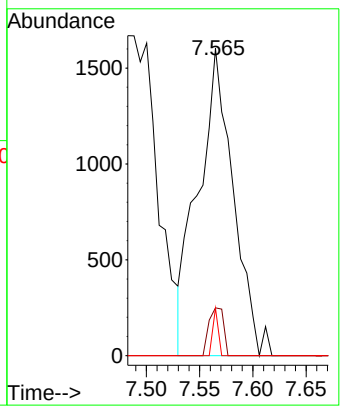


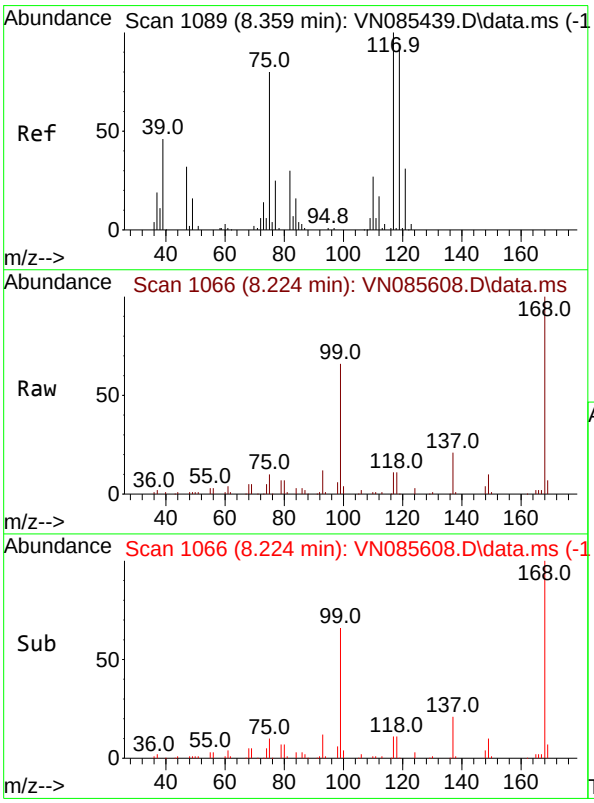
#37
Ethyl Acetate
Concen: 1.166 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 43 Resp: 3683

Ion	Ratio	Lower	Upper
43	100		
61	6.5	10.9	16.3#
70	2.4	7.5	11.3#

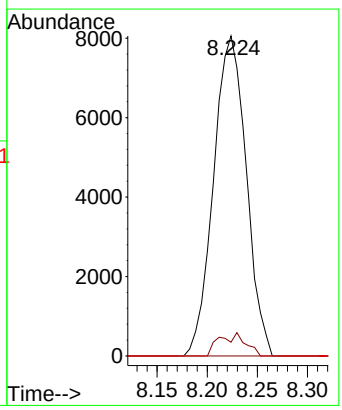


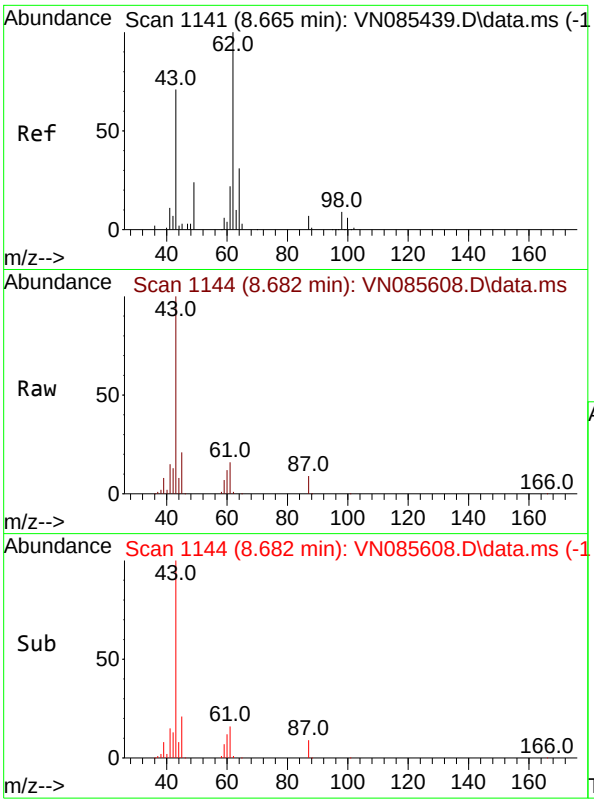


#38
Carbon Tetrachloride
Concen: 5.101 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion:117 Resp: 18279

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.4	113.2#
121	0.0	24.6	37.0#



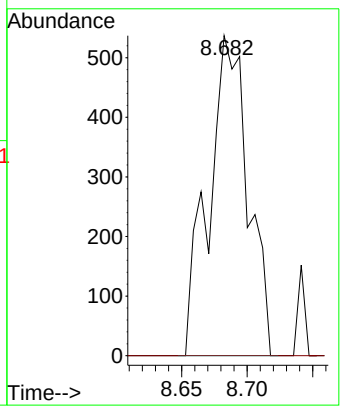


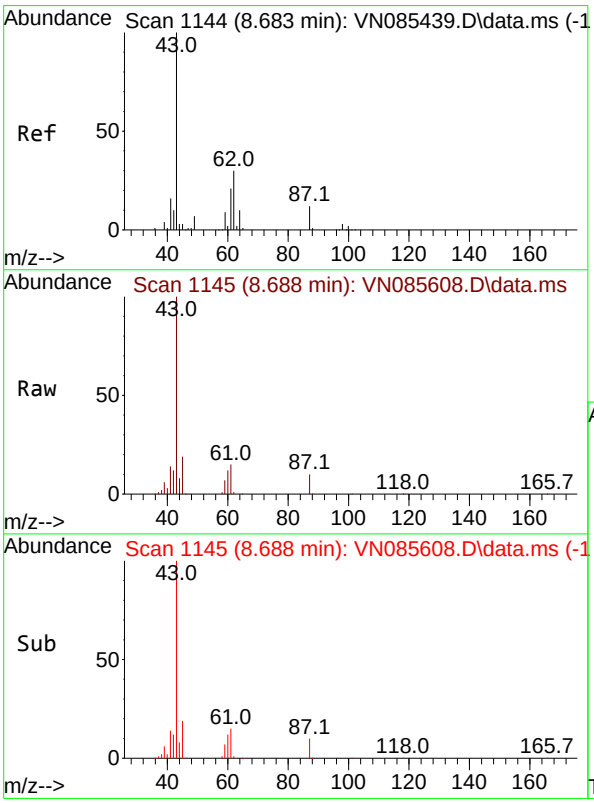
#42
1,2-Dichloroethane
Concen: 0.317 ug/l
RT: 8.682 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 62 Resp: 1124

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0

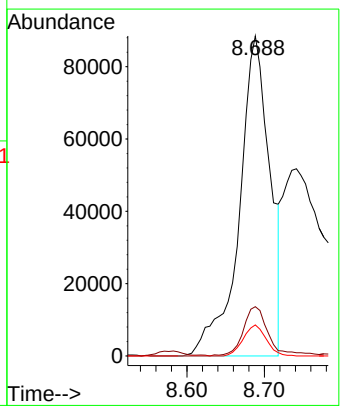


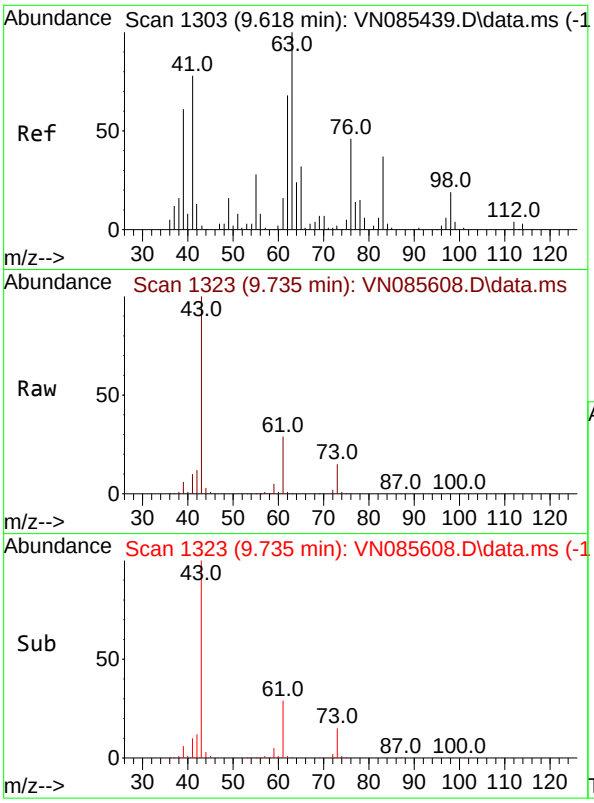


#43
Isopropyl Acetate
Concen: 48.160 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 43 Resp: 243799

Ion	Ratio	Lower	Upper
43	100		
61	12.7	20.7	31.1#
87	7.2	9.8	14.8#



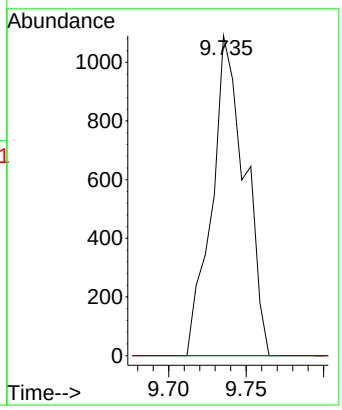


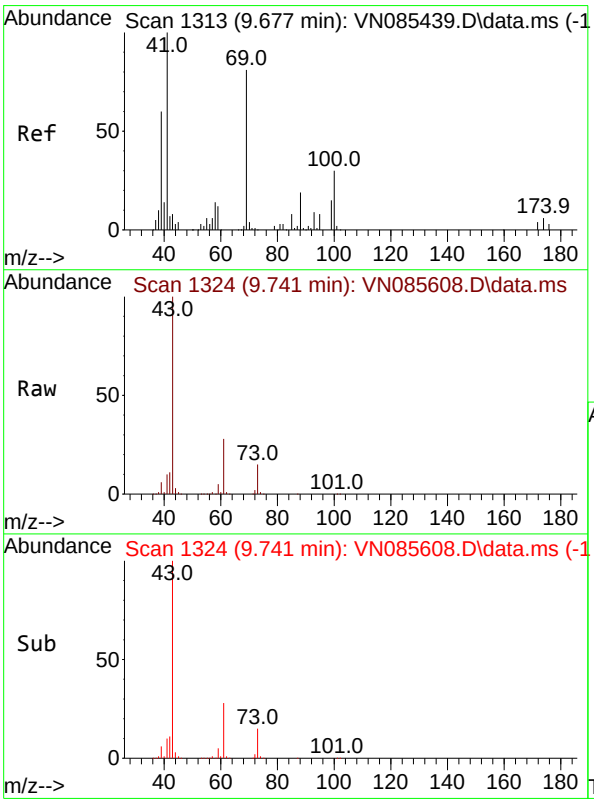
#45
1,2-Dichloropropane
Concen: 0.674 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 63 Resp: 1619

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.6	38.4#

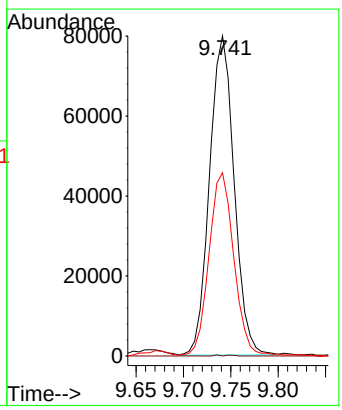


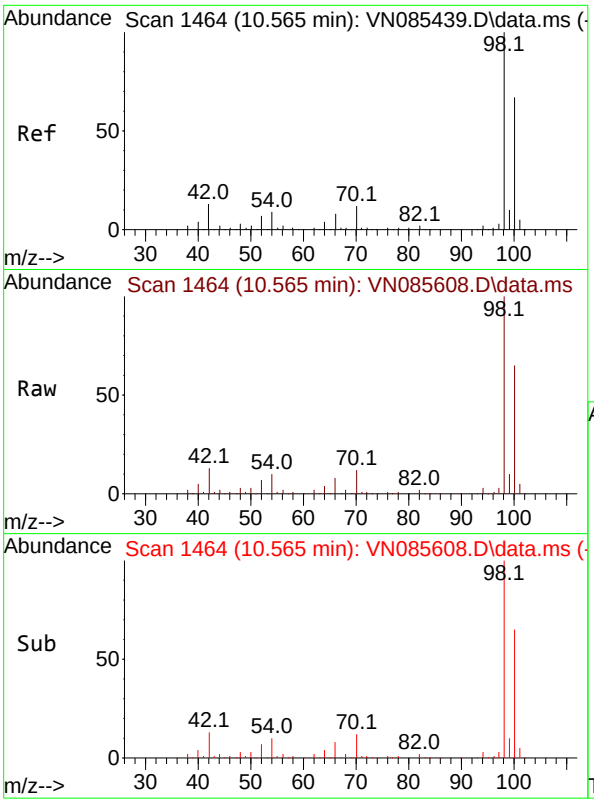


#48
Methyl methacrylate
Concen: 63.318 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.064 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 41 Resp: 144247

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.7	97.1#
39	57.3	49.0	73.6



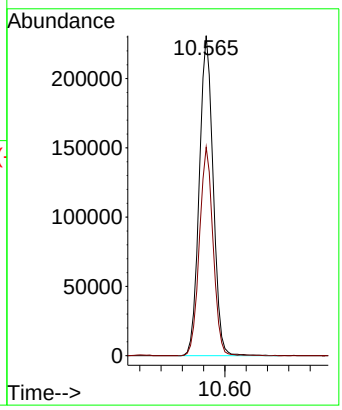


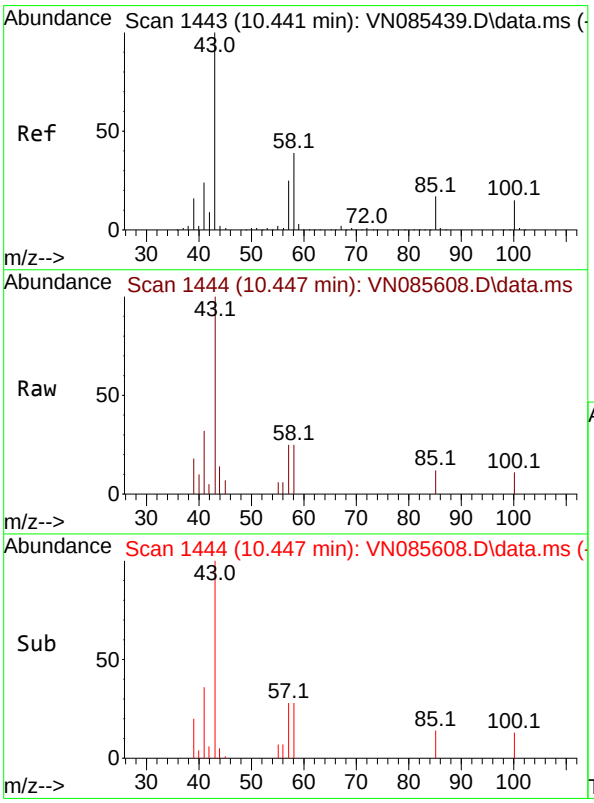
#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 98 Resp: 416004

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.4

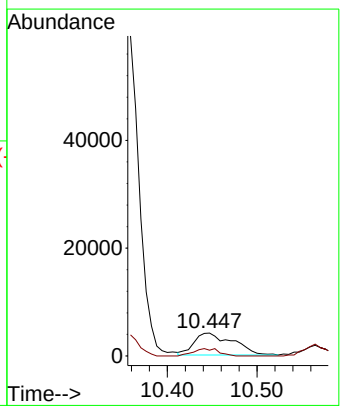


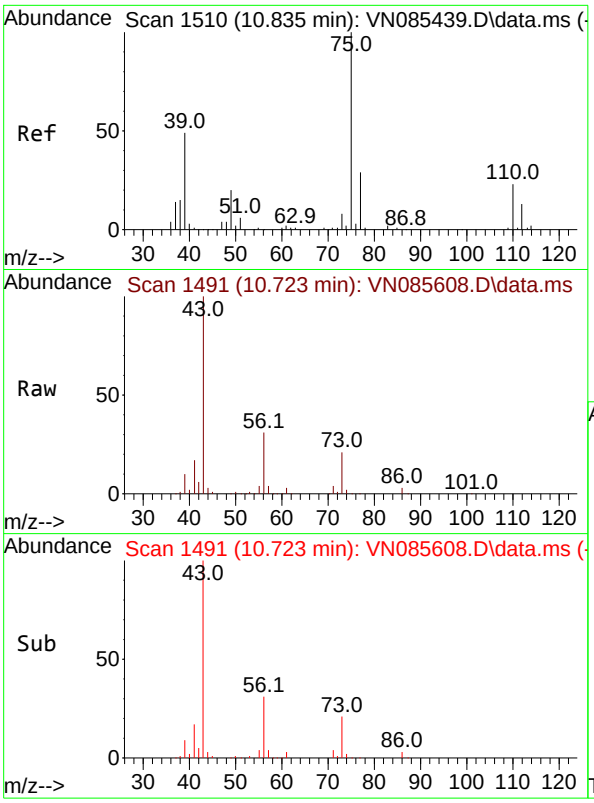


#51
4-Methyl-2-Pentanone
Concen: 4.224 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 43 Resp: 12409

Ion	Ratio	Lower	Upper
43	100		
58	21.5	30.5	45.7#



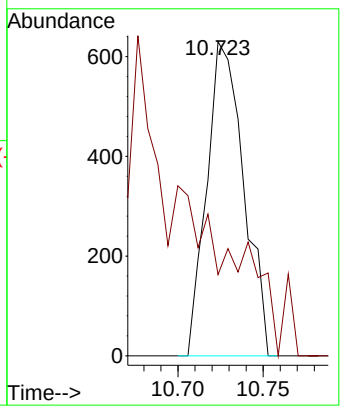


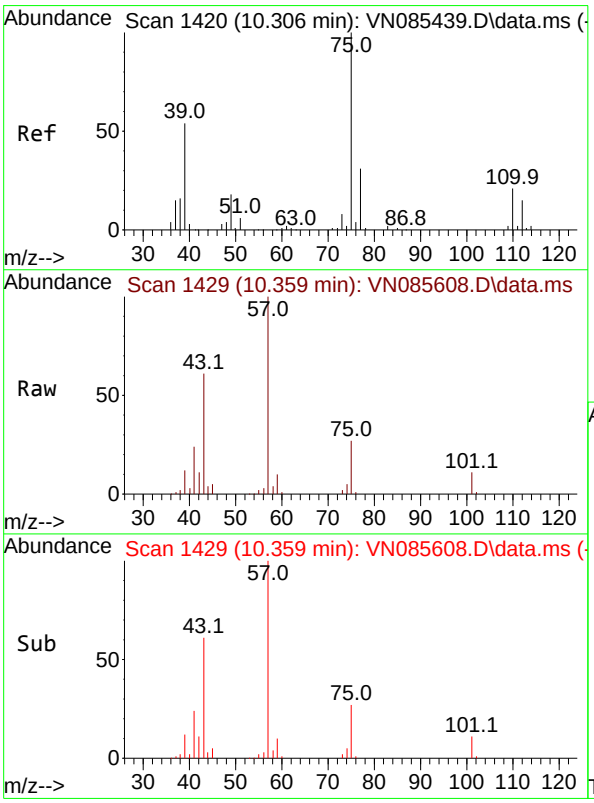
#53
t-1,3-Dichloropropene
Concen: 0.285 ug/l
RT: 10.723 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 75 Resp: 950

Ion	Ratio	Lower	Upper
75	100		
77	25.9	23.5	35.3

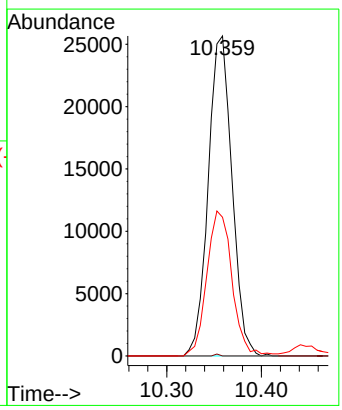


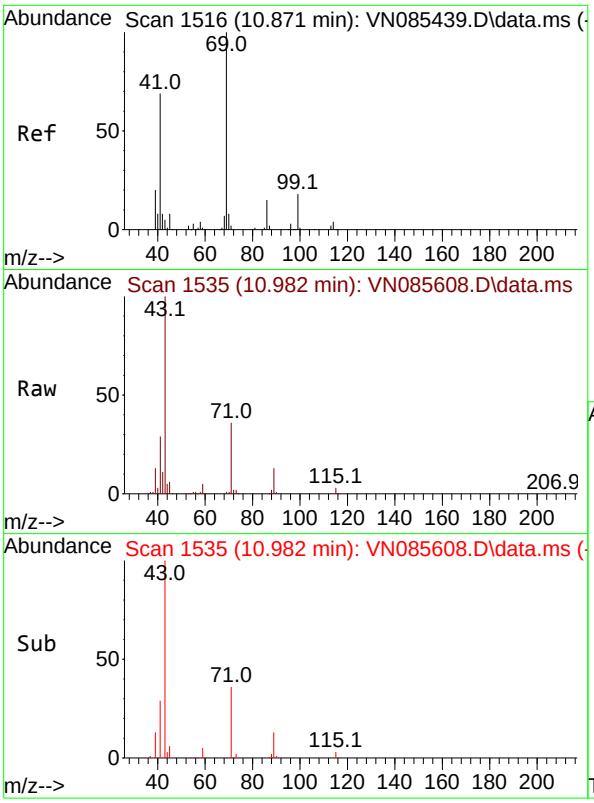


#54
cis-1,3-Dichloropropene
Concen: 12.570 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 75 Resp: 44808

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	43.3	43.1	64.7



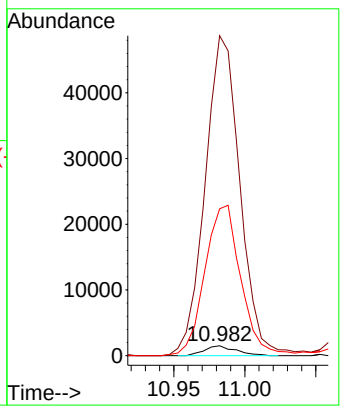


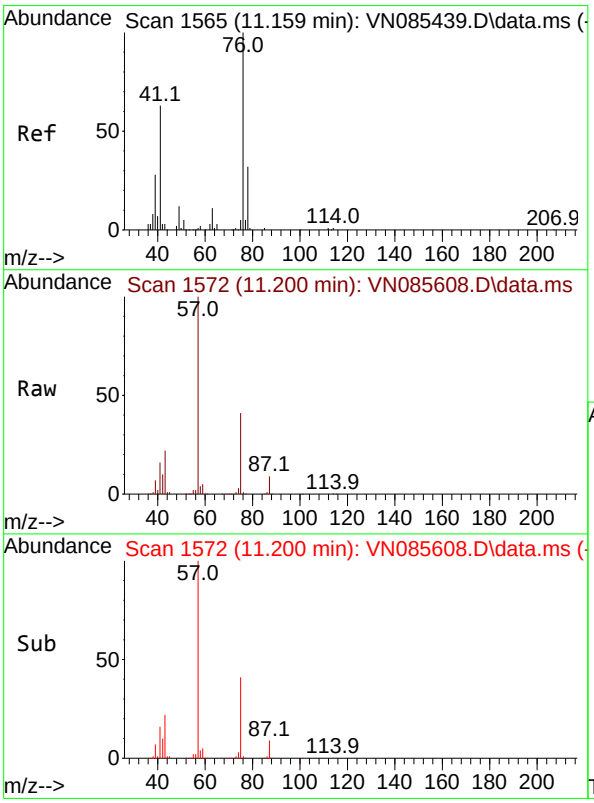
#56
Ethyl methacrylate
Concen: 2.549 ug/l
RT: 10.982 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 69 Resp: 2336

Ion	Ratio	Lower	Upper
69	100		
41	3577.4	54.6	82.0#
39	1721.9	32.4	48.6#

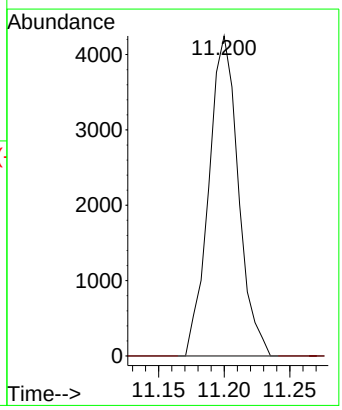


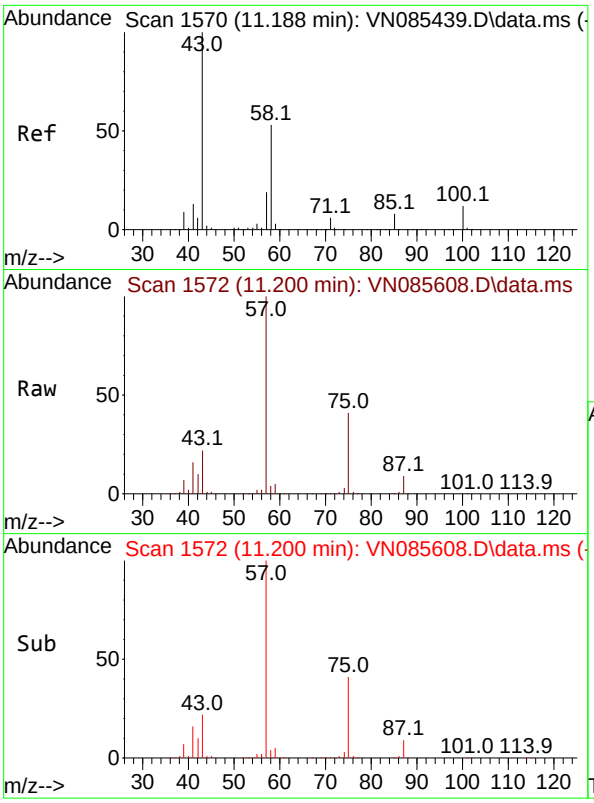


#57
1,3-Dichloropropane
Concen: 1.778 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 76 Resp: 6668

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



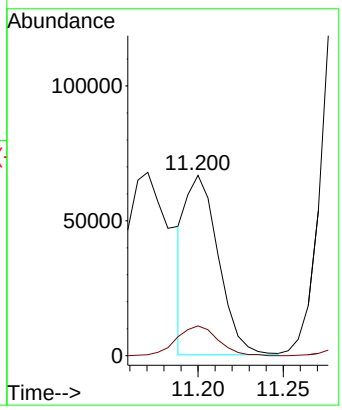


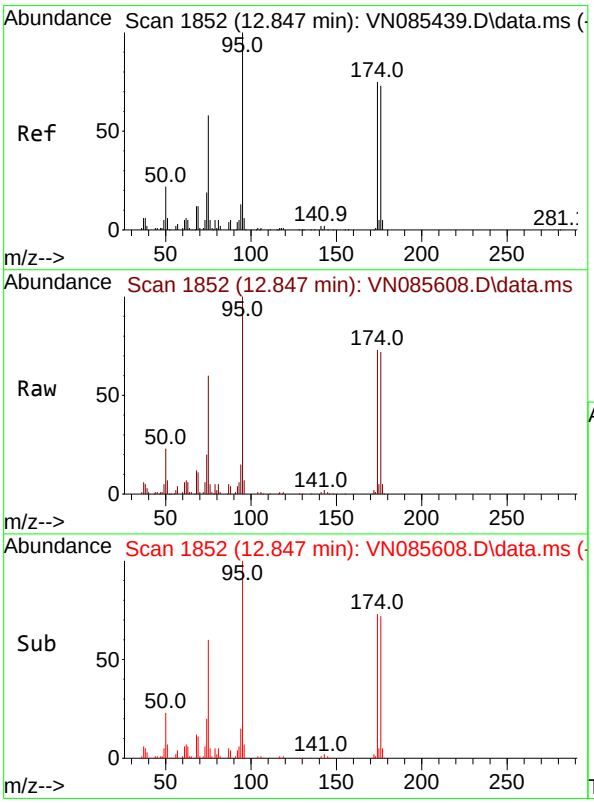
#59
2-Hexanone
Concen: 42.947 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 43 Resp: 88769

Ion	Ratio	Lower	Upper
43	100		
58	21.0	26.2	78.6#

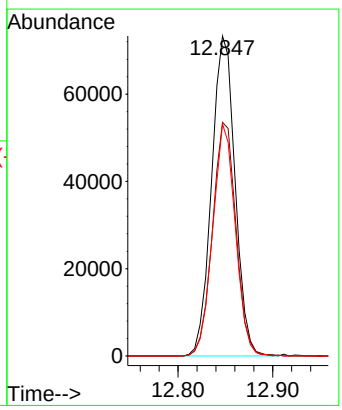


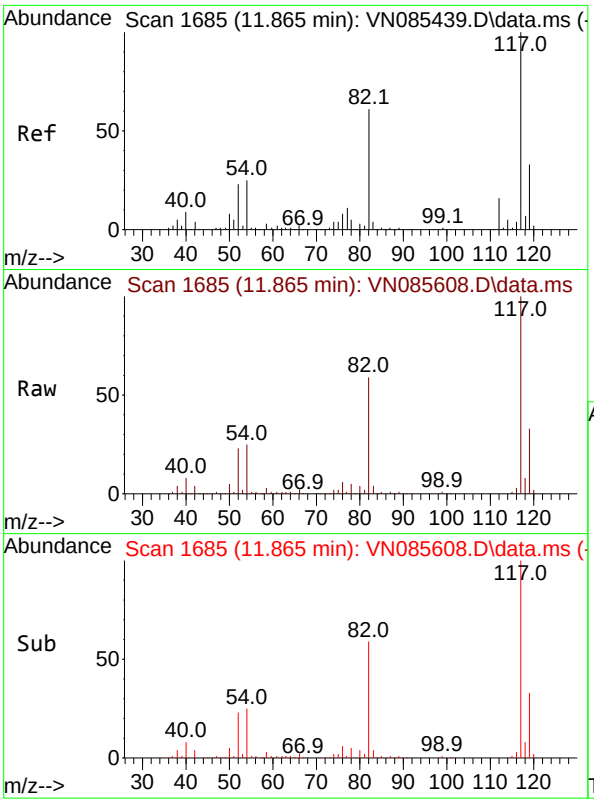


#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 95 Resp: 125869

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	70.1	0.0	142.4



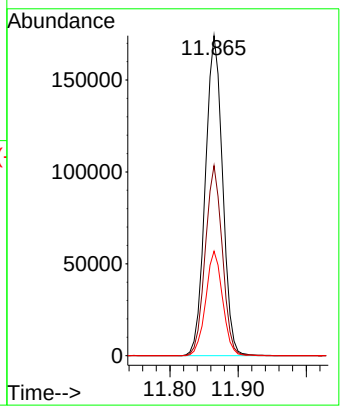


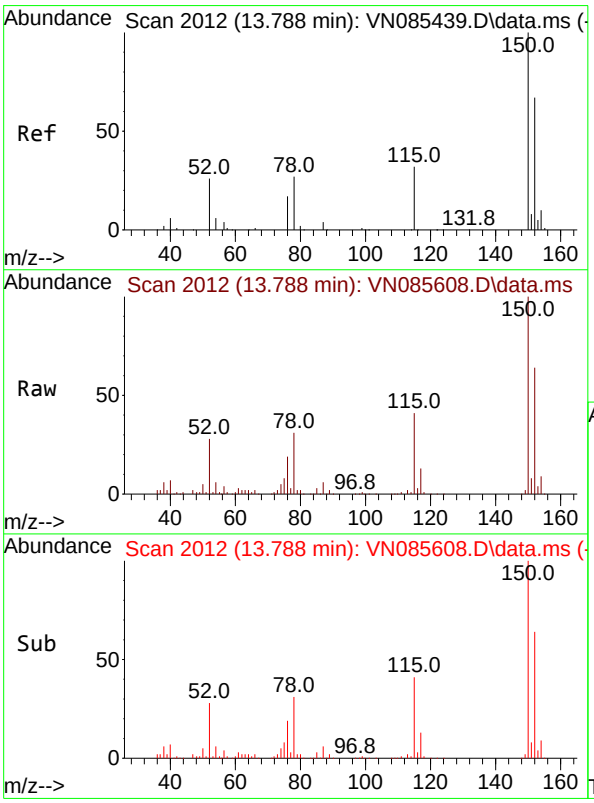
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion:117 Resp: 306392

Ion	Ratio	Lower	Upper
117	100		
82	59.4	48.6	72.8
119	32.7	26.6	39.8

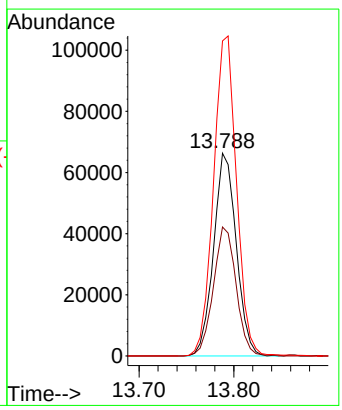


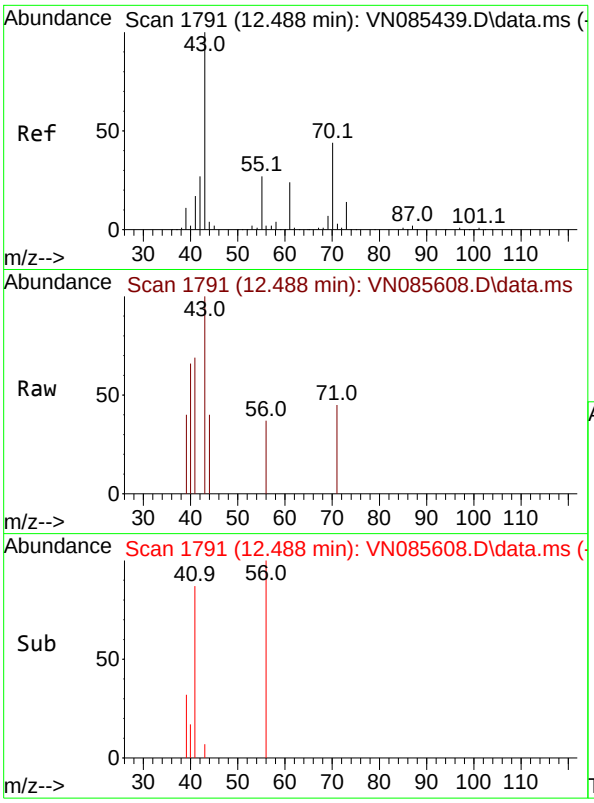


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion:152 Resp: 110446

Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.1	93.3
150	159.9	0.0	343.6



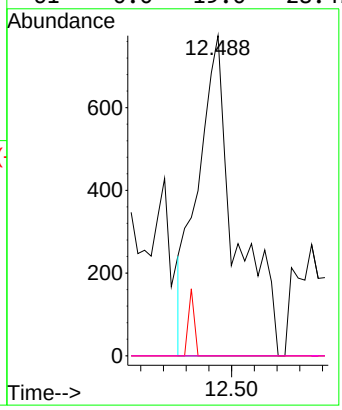


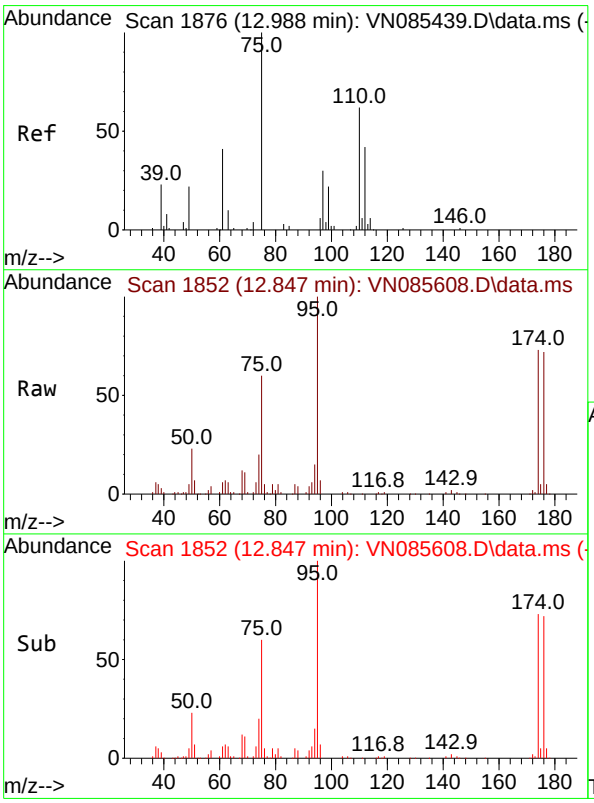
#74
N-amyl acetate
Concen: 0.542 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 43 Resp: 1815

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#

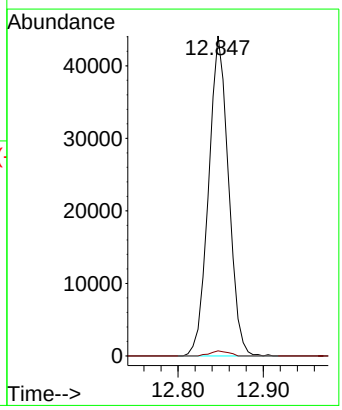


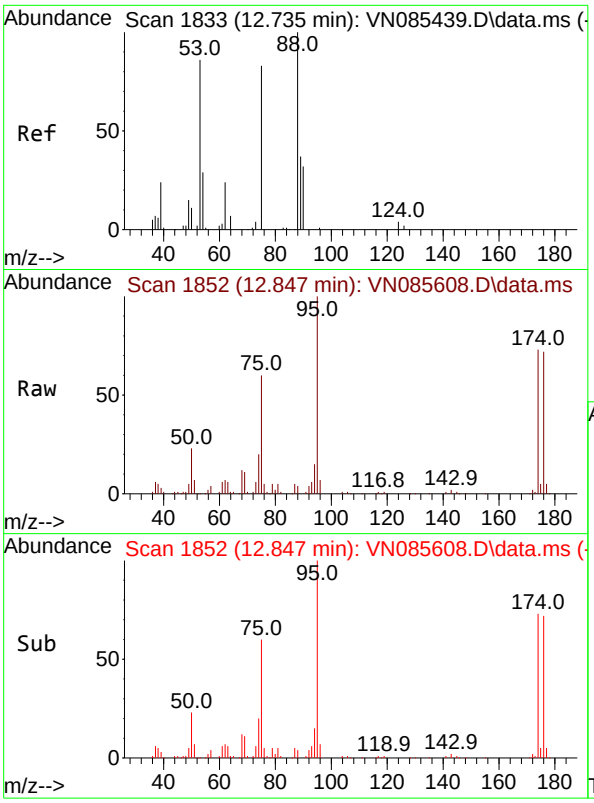


#76
1,2,3-Trichloropropane
Concen: 31.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Tgt Ion: 75 Resp: 71629

Ion	Ratio	Lower	Upper
75	100		
77	1.5	109.7	329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.330 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085608.D
Acq: 31 Jan 2025 17:40

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#13

Tgt Ion: 75 Resp: 71629

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