Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086347.D
Acq On : 18 Apr 2025 16:31
Operator : JC\MD
Sample : PB167623ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Quant Time: Apr 19 02:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

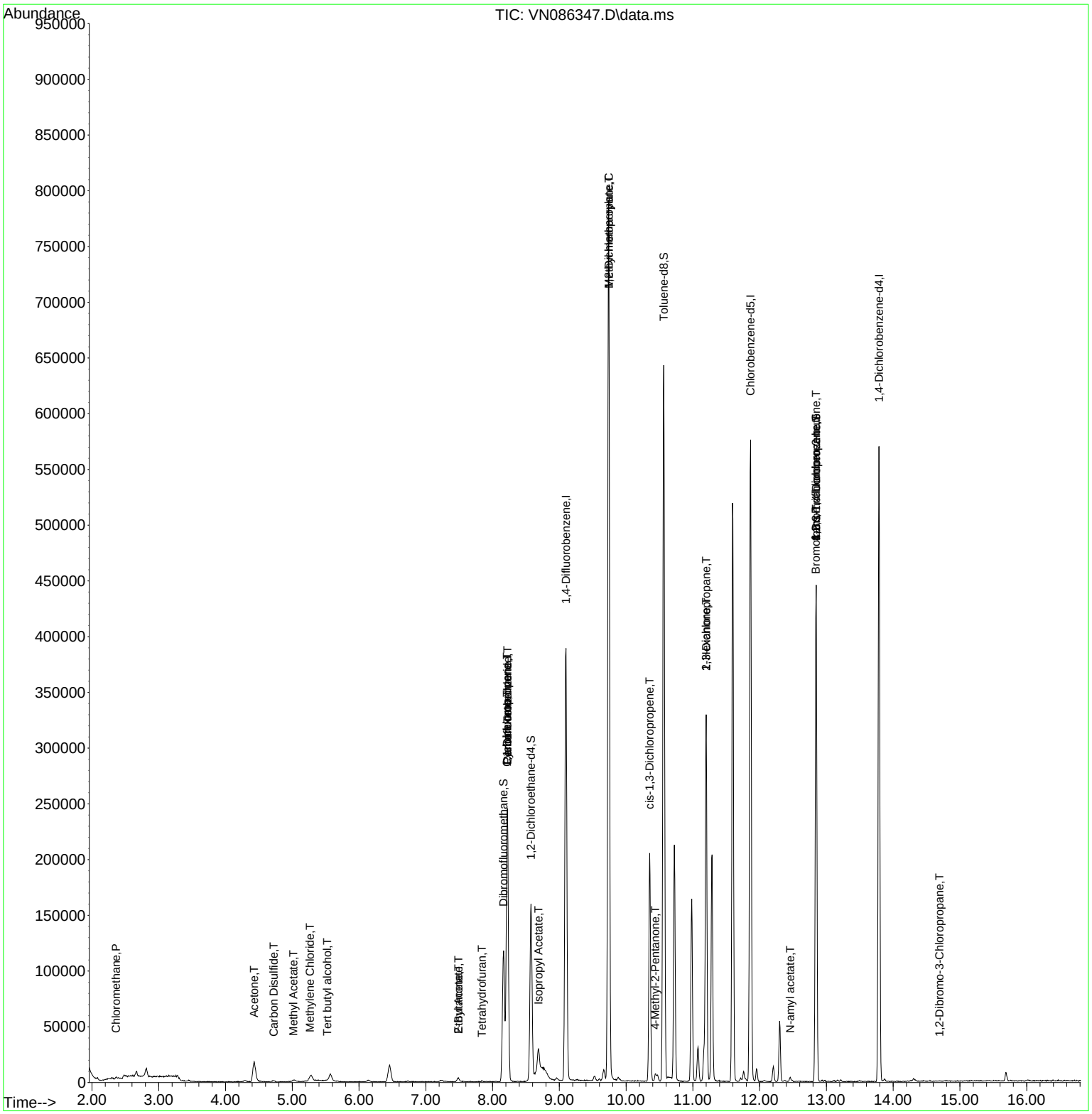
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	180781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131382	50.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.240%			
35) Dibromofluoromethane	8.165	113	86878	53.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	10.565	98	446799	51.611	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.847	95	166122	52.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.220%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	896	0.288	ug/l	98
11) Tert butyl alcohol	5.524	59	467	0.976	ug/l #	72
13) Acrolein	4.177	56	194	Below Cal		88
16) Acetone	4.430	43	35054	33.739	ug/l	100
17) Carbon Disulfide	4.724	76	1301	0.204	ug/l #	74
18) Methyl Acetate	5.018	43	4000	1.271	ug/l #	75
20) Methylene Chloride	5.265	84	4220	1.741	ug/l #	87
25) 2-Butanone	7.488	43	6551	4.015	ug/l	97
29) Tetrahydrofuran	7.841	42	394	0.361	ug/l #	32
31) Cyclohexane	8.218	56	4112	0.968	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15554	4.808	ug/l #	49
37) Ethyl Acetate	7.488	43	6551	1.923	ug/l #	68
38) Carbon Tetrachloride	8.224	117	18469	5.994	ug/l #	16
43) Isopropyl Acetate	8.688	43	48361	6.157	ug/l #	75
45) 1,2-Dichloropropane	9.741	63	980	0.386	ug/l #	43
48) Methyl methacrylate	9.741	41	71101	23.771	ug/l #	42
51) 4-Methyl-2-Pentanone	10.435	43	5125	1.469	ug/l	91
54) cis-1,3-Dichloropropene	10.353	75	37782	8.825	ug/l #	58
57) 1,3-Dichloropropane	11.200	76	3645	0.883	ug/l #	43
59) 2-Hexanone	11.200	43	70497	27.250	ug/l #	40
71) Bromoform	12.841	173	400	0.217	ug/l #	1
74) N-amyl acetate	12.459	43	3125	0.519	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	84865	24.340	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84865	58.455	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.694	75	397	0.567	ug/l #	5

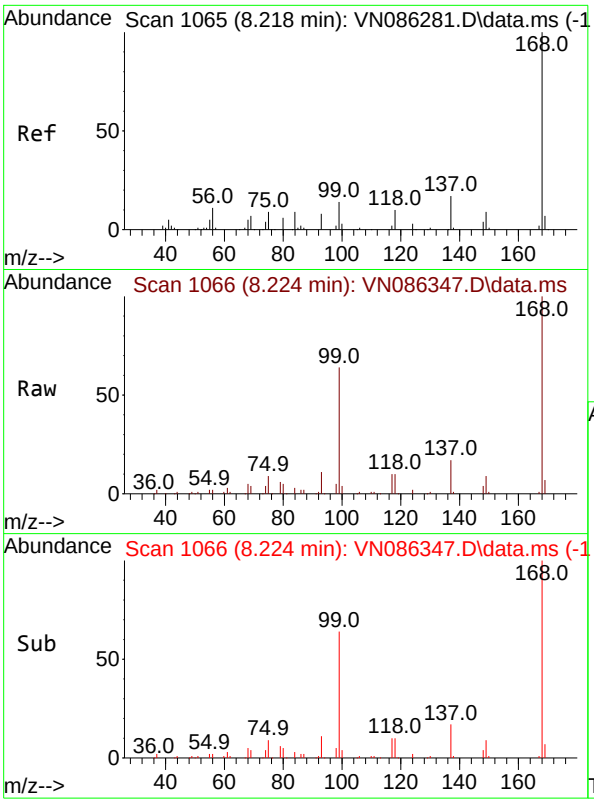
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086347.D
Acq On : 18 Apr 2025 16:31
Operator : JC\MD
Sample : PB167623ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Quant Time: Apr 19 02:27:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



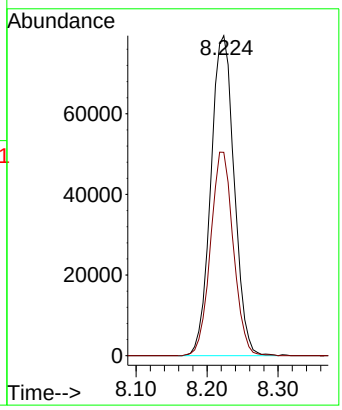


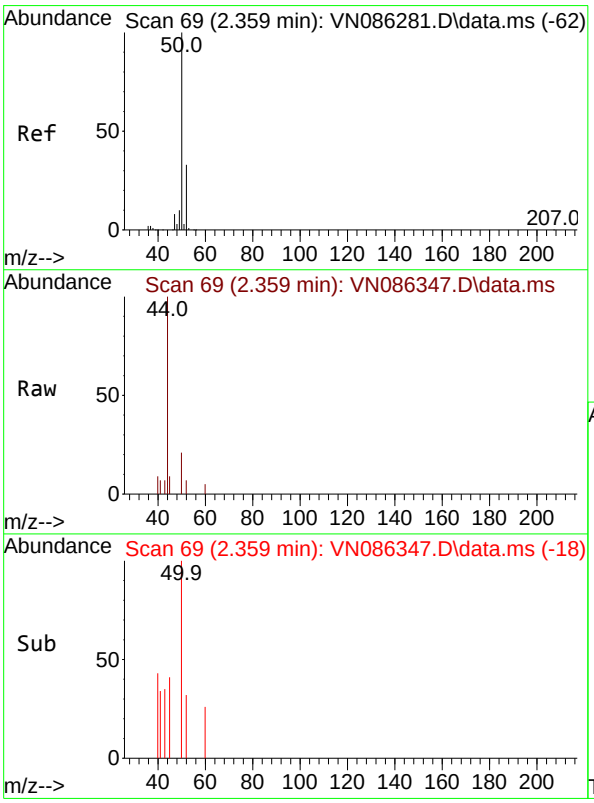
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:168 Resp: 180781

Ion	Ratio	Lower	Upper
168	100		
99	63.6	52.5	78.7

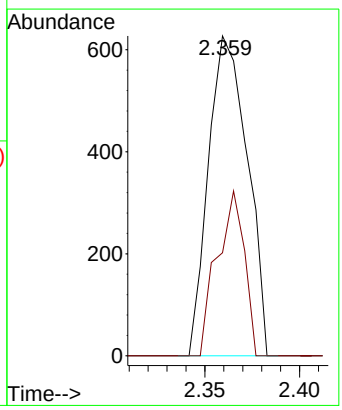


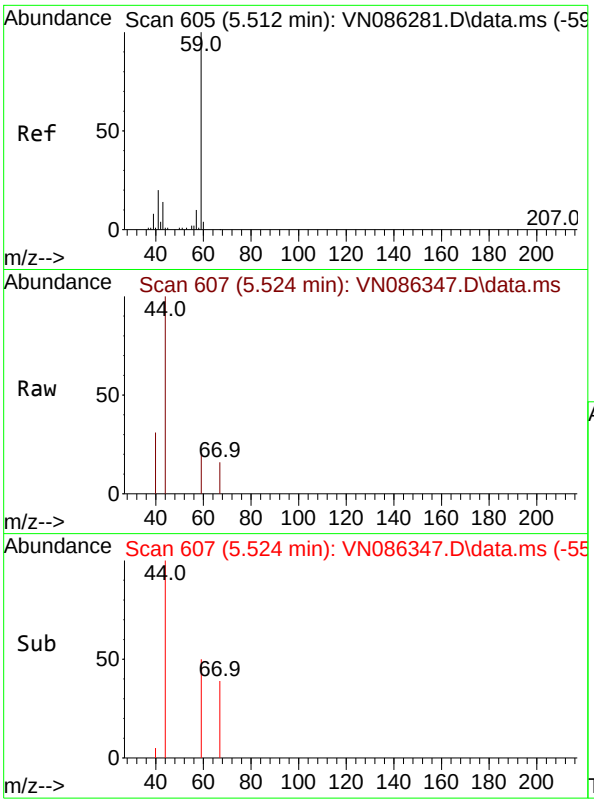


#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 50 Resp: 896

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.5	39.7



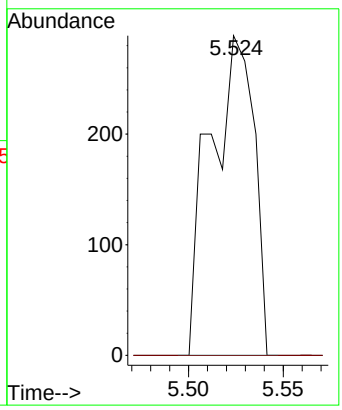


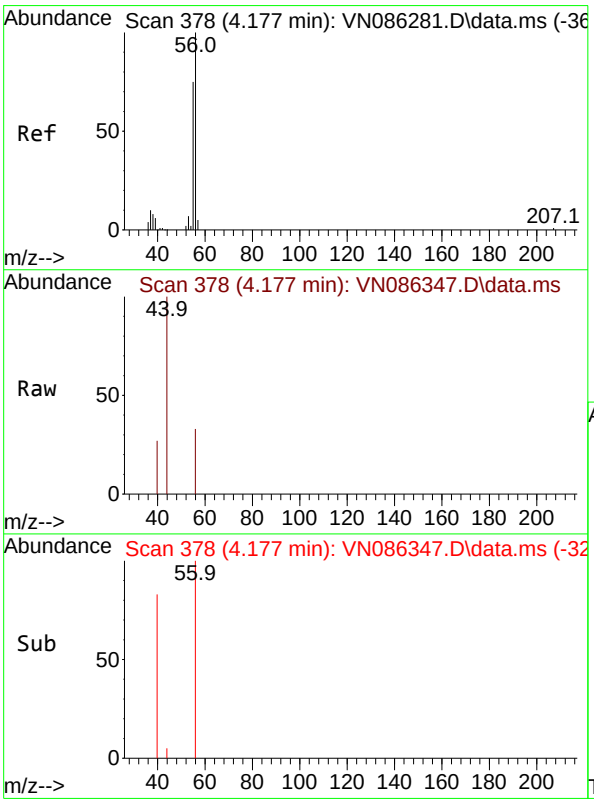
#11
Tert butyl alcohol
Concen: 0.976 ug/l
RT: 5.524 min Scan# 6
Delta R.T. 0.012 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 59 Resp: 467

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

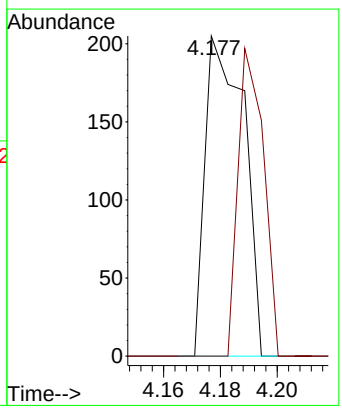


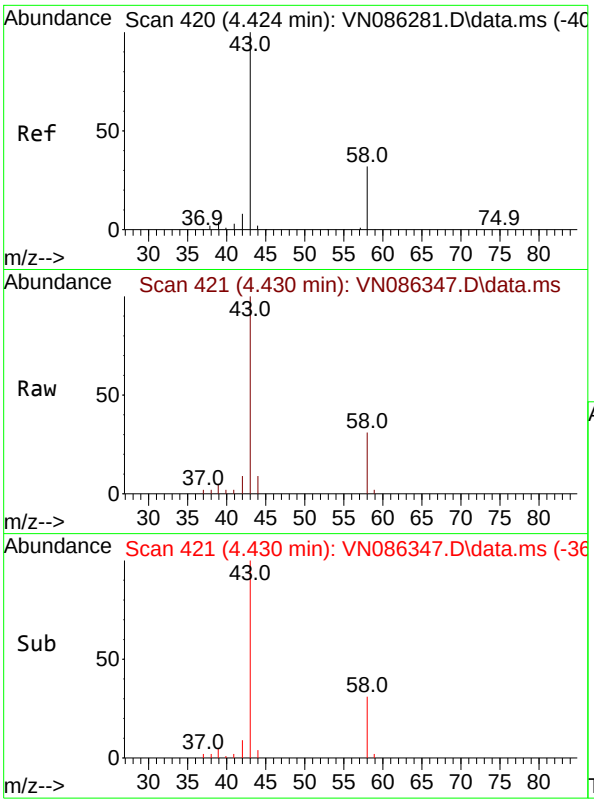


#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 56 Resp: 194

Ion	Ratio	Lower	Upper
56	100		
55	63.4	58.5	87.7



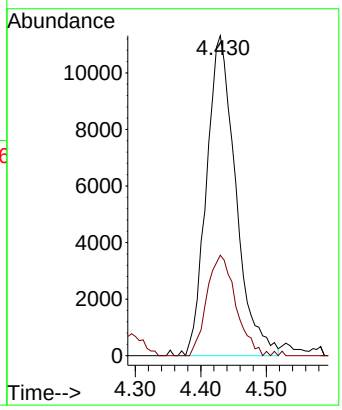


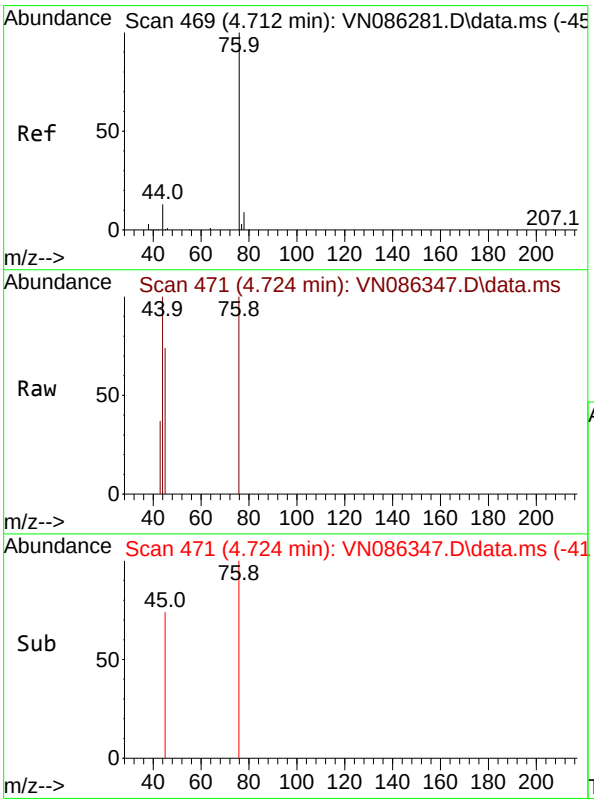
#16
Acetone
Concen: 33.739 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 43 Resp: 35054

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.3	37.9

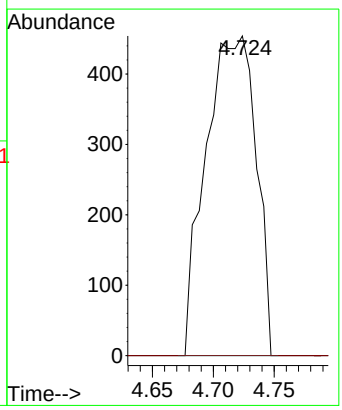


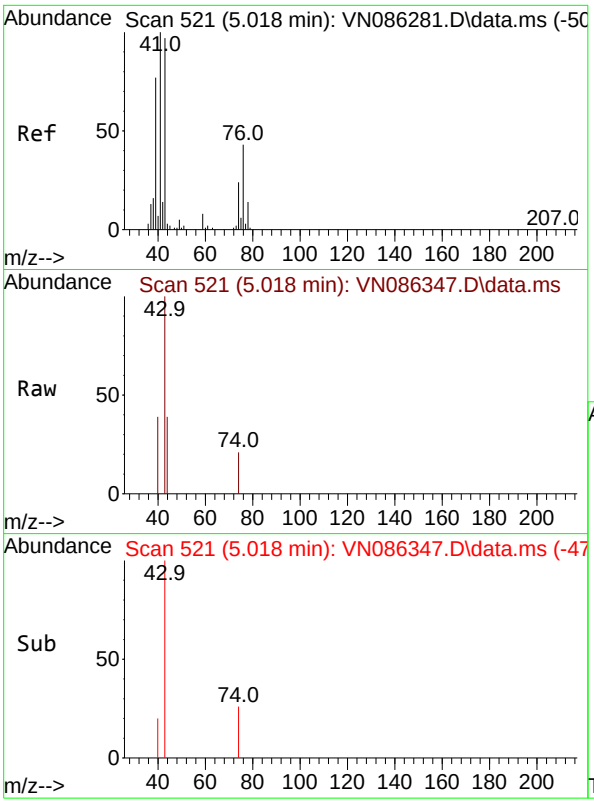


#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 76 Resp: 1301

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



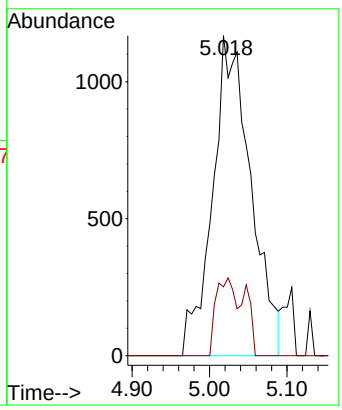


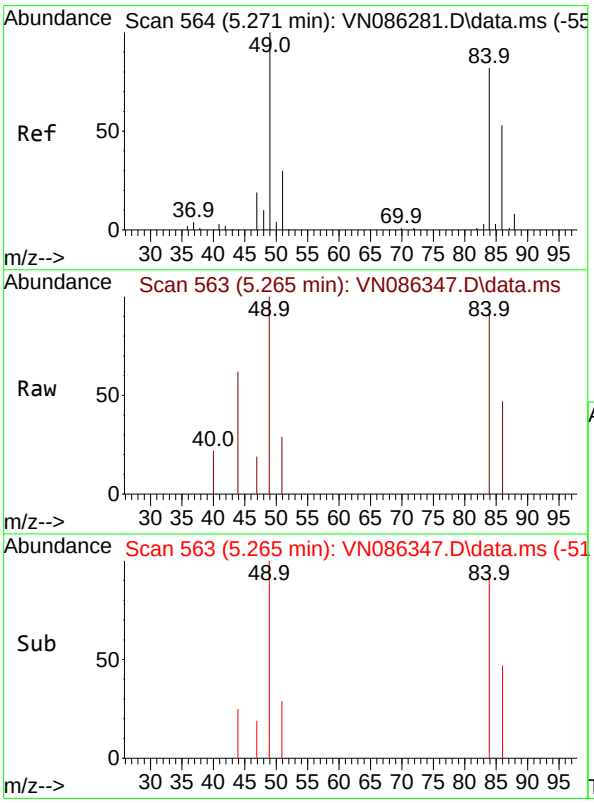
#18
Methyl Acetate
Concen: 1.271 ug/l
RT: 5.018 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 43 Resp: 4000

Ion	Ratio	Lower	Upper
43	100		
74	12.4	19.8	29.6#

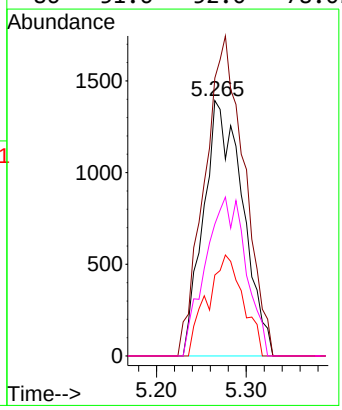


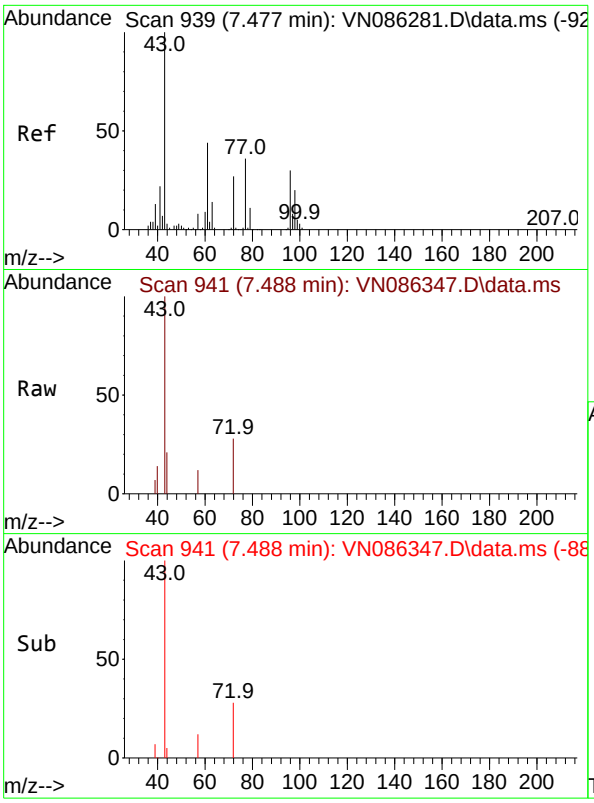


#20
Methylene Chloride
Concen: 1.741 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 84 Resp: 4220

Ion	Ratio	Lower	Upper
84	100		
49	108.8	98.2	147.2
51	31.7	29.8	44.6
86	51.6	52.0	78.0#



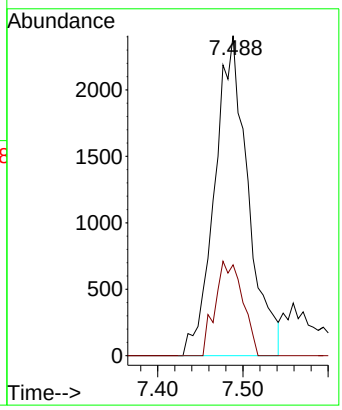


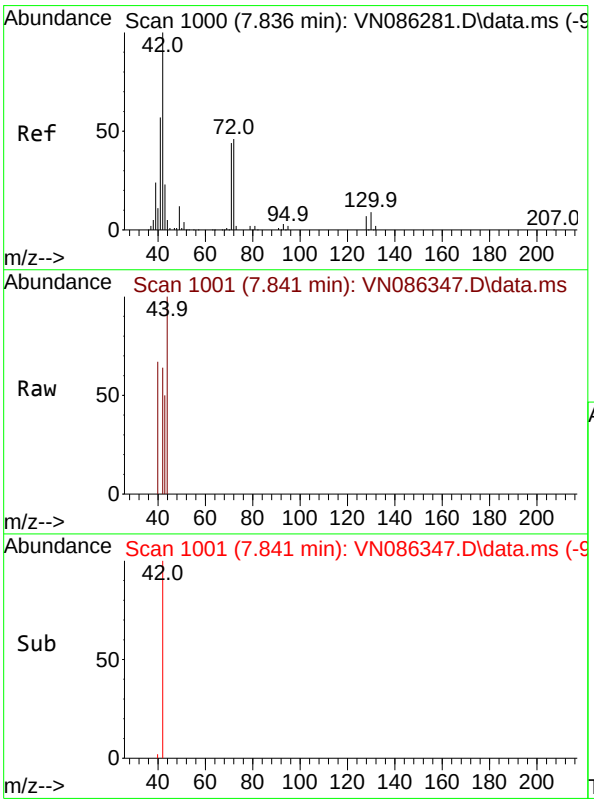
#25
2-Butanone
Concen: 4.015 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 43 Resp: 6551

Ion	Ratio	Lower	Upper
43	100		
72	28.4	21.7	32.5

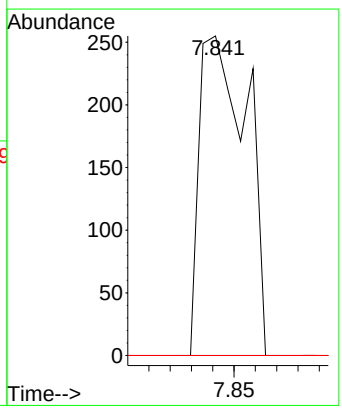


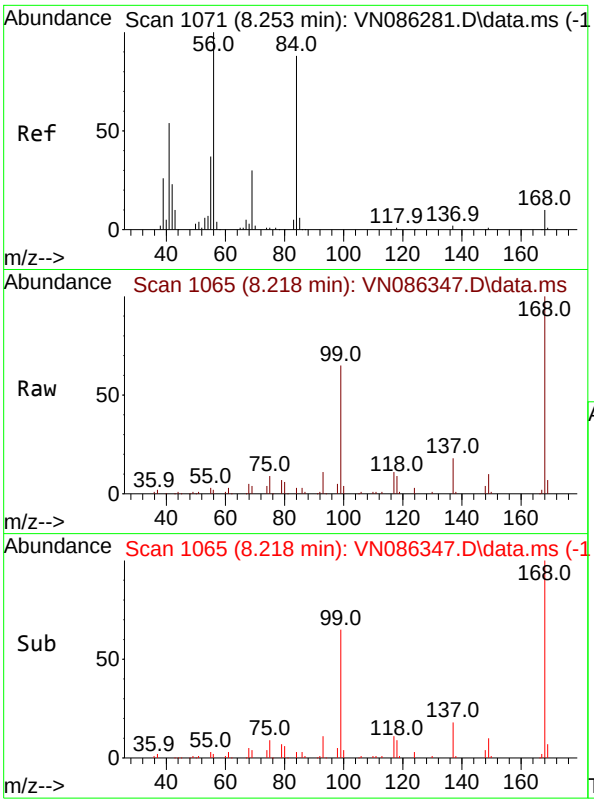


#29
Tetrahydrofuran
Concen: 0.361 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	34.0	51.0#



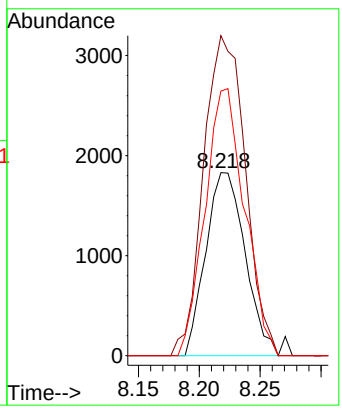


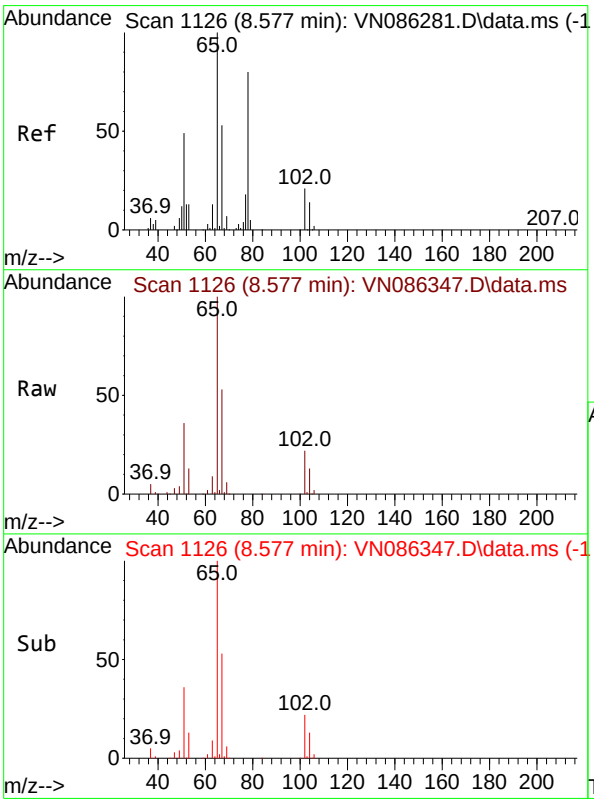
#31
Cyclohexane
Concen: 0.968 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 56 Resp: 4112

Ion	Ratio	Lower	Upper
56	100		
69	174.8	24.2	36.2#
84	144.6	70.3	105.5#

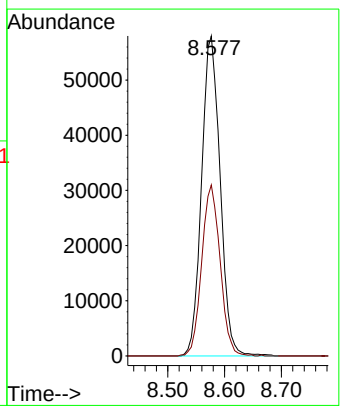


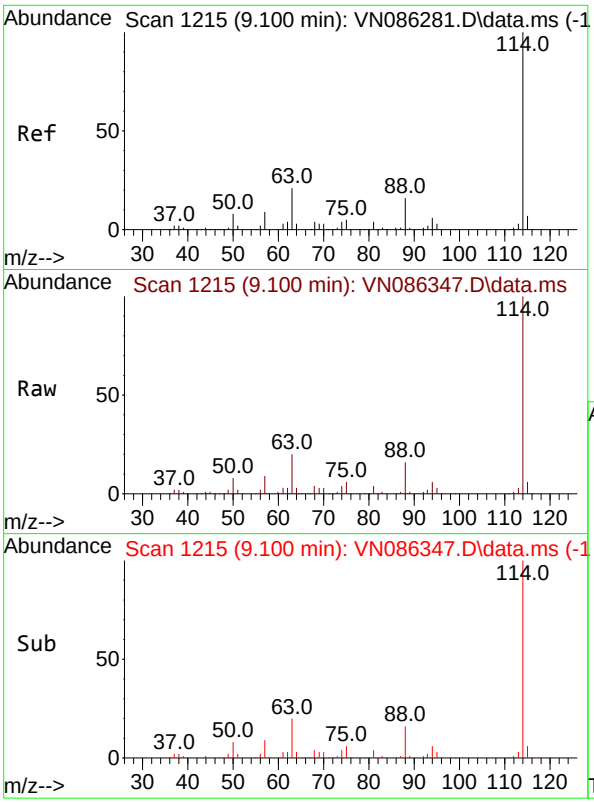


#33
1,2-Dichloroethane-d4
Concen: 50.117 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 65 Resp: 131382

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.0



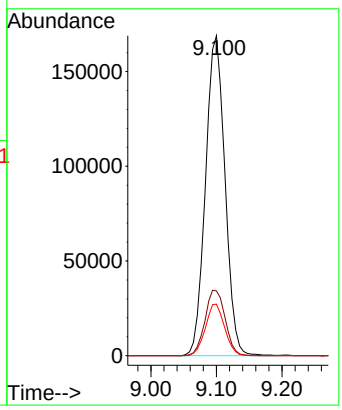


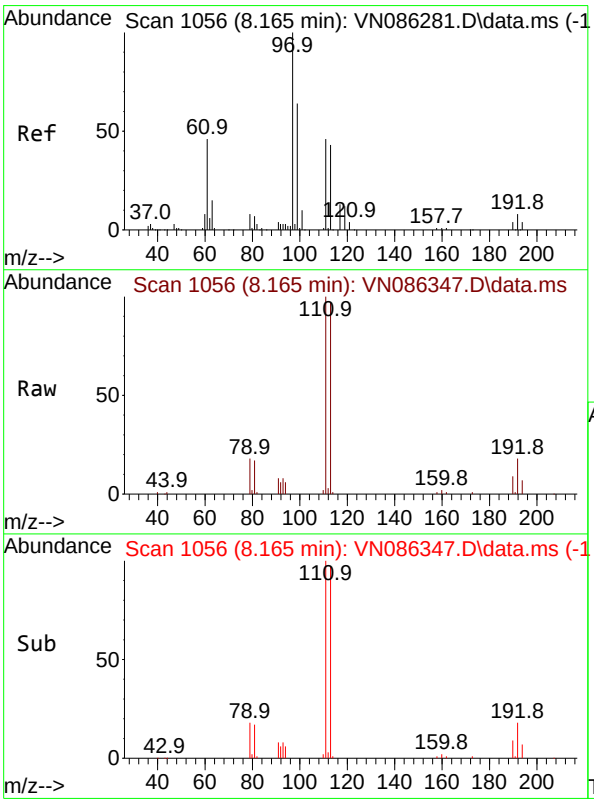
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:114 Resp: 349009

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	16.1	0.0	31.8

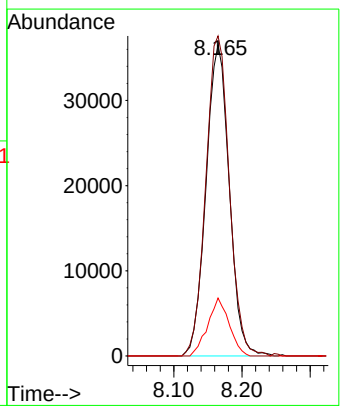


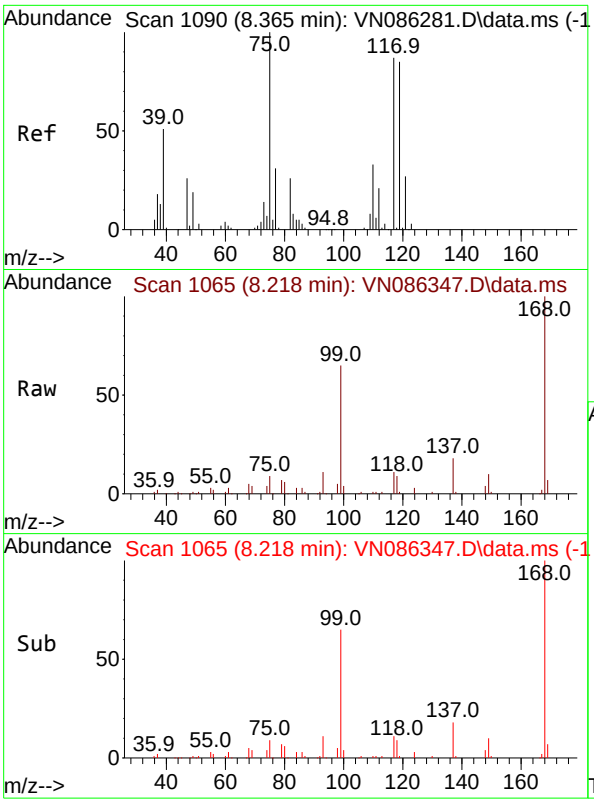


#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion:113 Resp: 86878

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	17.1	13.7	20.5



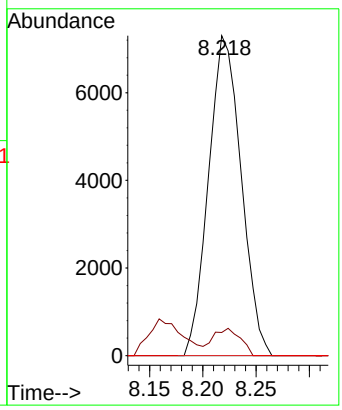


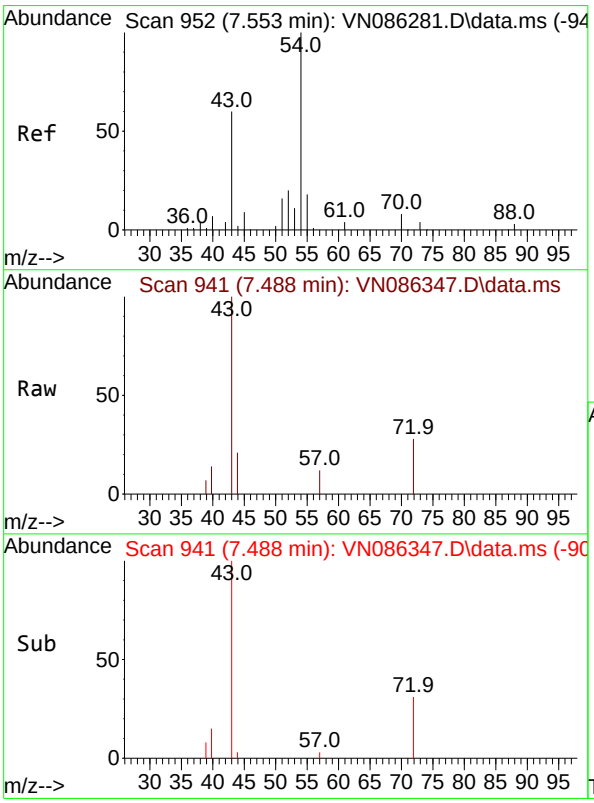
#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 75 Resp: 15554

Ion	Ratio	Lower	Upper
75	100		
110	7.1	16.8	50.4#
77	0.0	24.9	37.3#

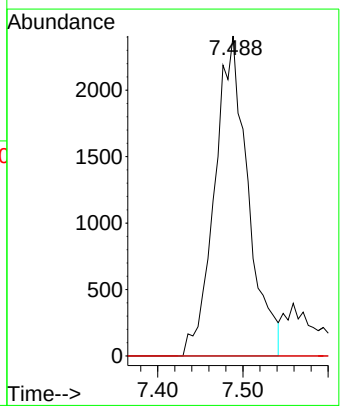


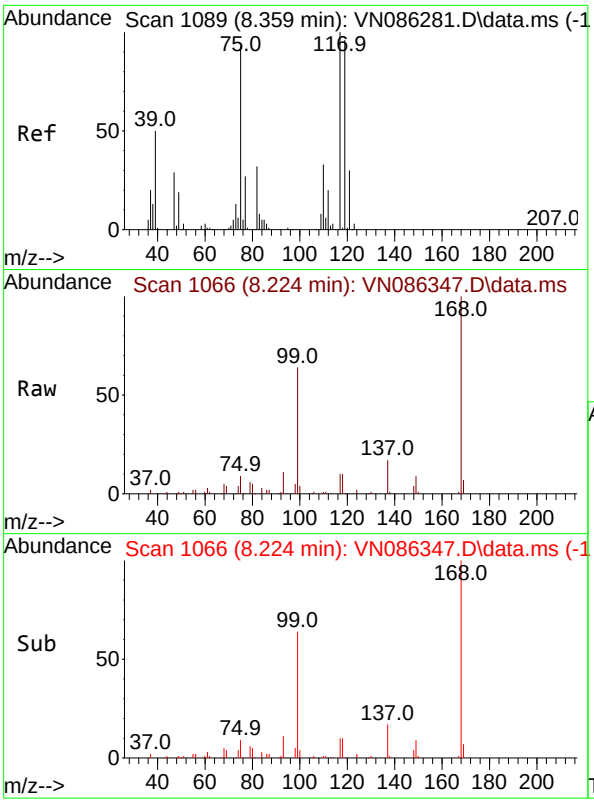


#37
Ethyl Acetate
Concen: 1.923 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.065 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 6551

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	9.2	13.8#



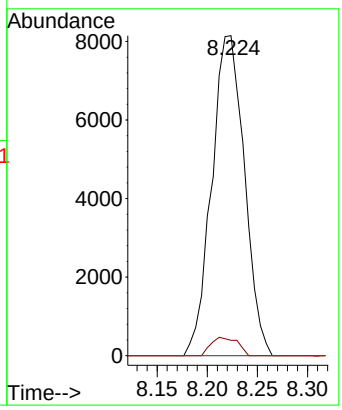


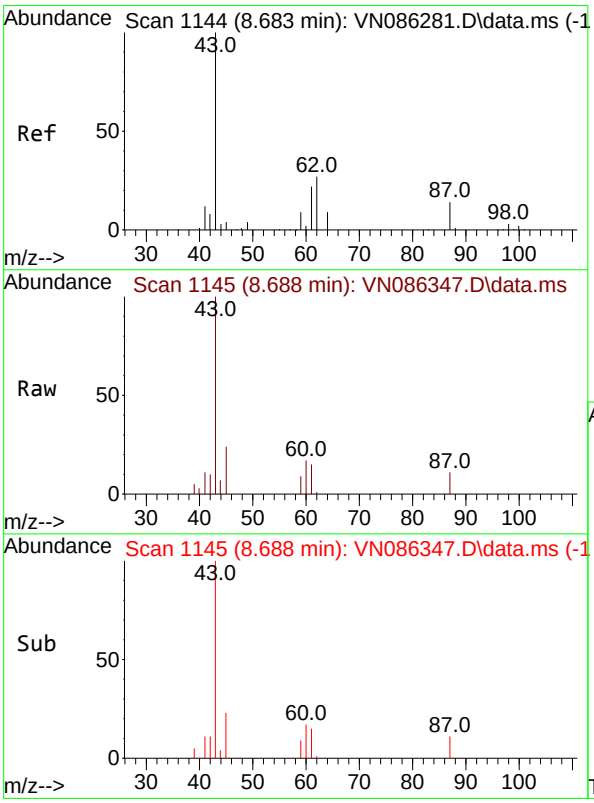
#38
Carbon Tetrachloride
Concen: 5.994 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:117 Resp: 18469

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.8	115.2#
121	0.0	23.8	35.8#

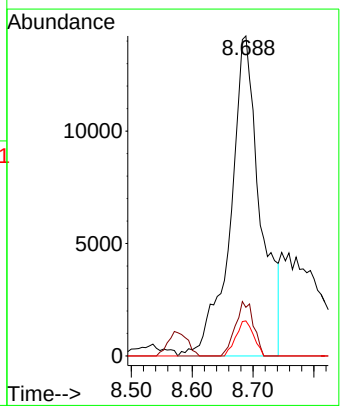


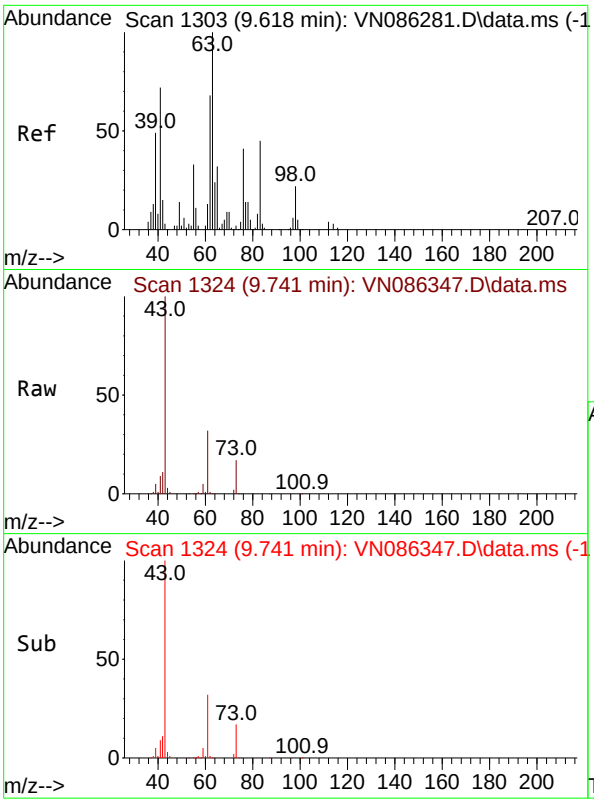


#43
Isopropyl Acetate
Concen: 6.157 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 48361

Ion	Ratio	Lower	Upper
43	100		
61	10.4	20.5	30.7#
87	6.5	10.5	15.7#



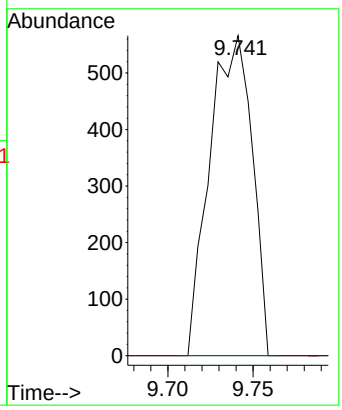


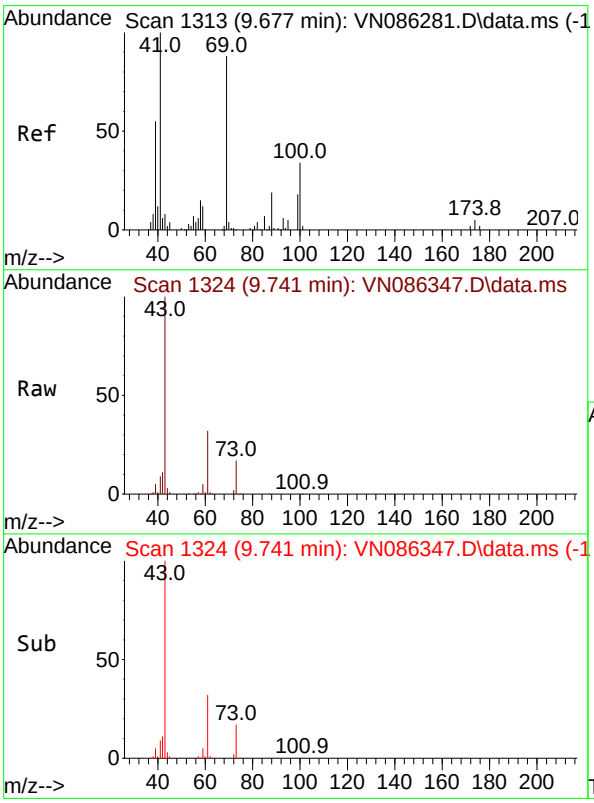
#45
1,2-Dichloropropane
Concen: 0.386 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.123 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 63 Resp: 980

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#

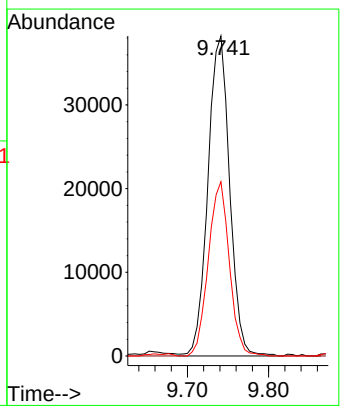


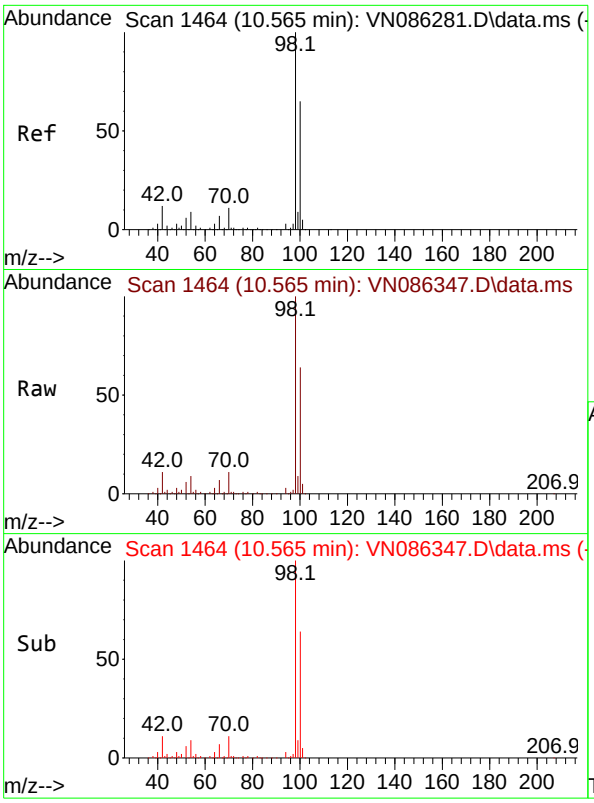


#48
Methyl methacrylate
Concen: 23.771 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.065 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 41 Resp: 71101

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.2	102.2#
39	52.7	45.2	67.8



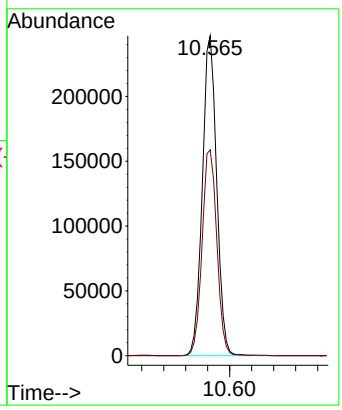


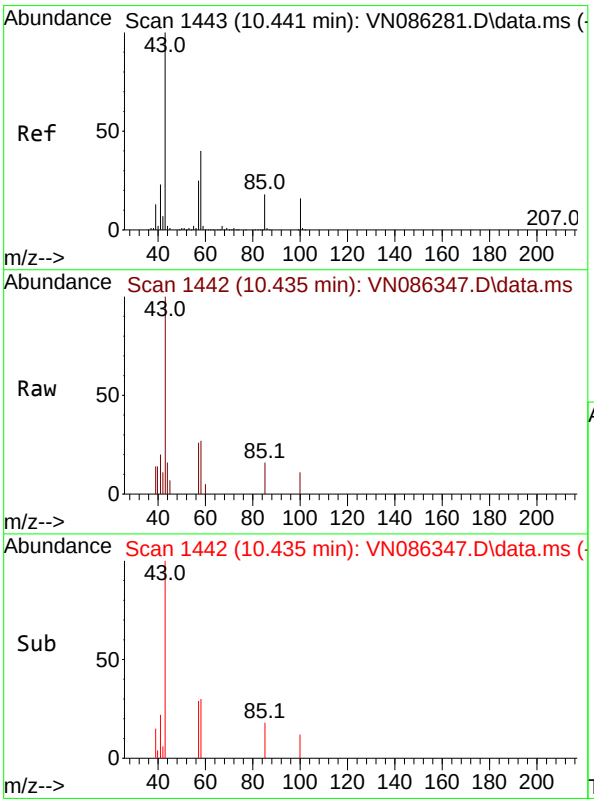
#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 98 Resp: 446799

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7

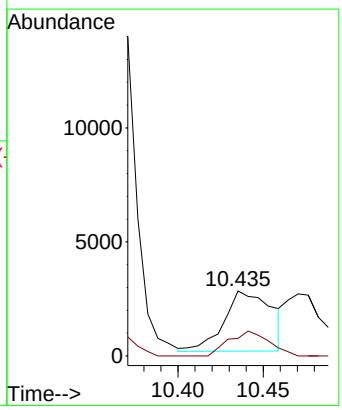


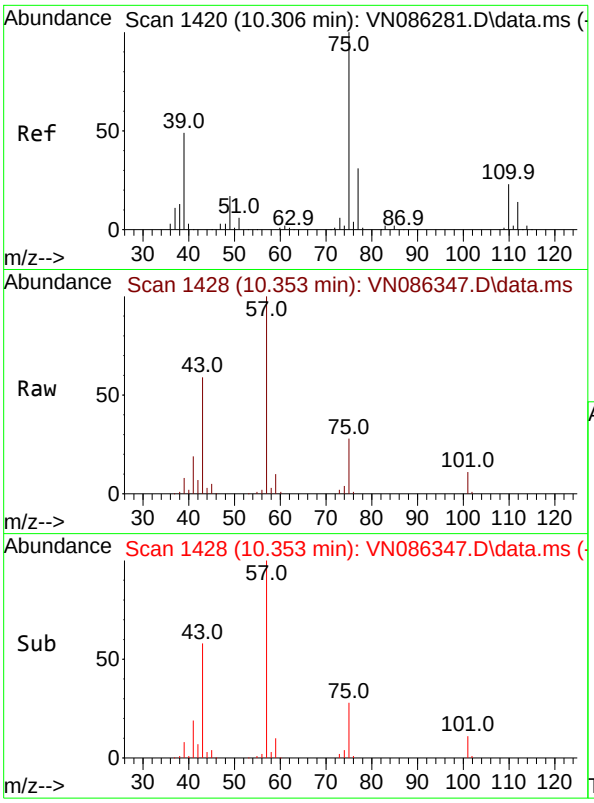


#51
4-Methyl-2-Pentanone
Concen: 1.469 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 5125

Ion	Ratio	Lower	Upper
43	100		
58	34.9	32.2	48.4



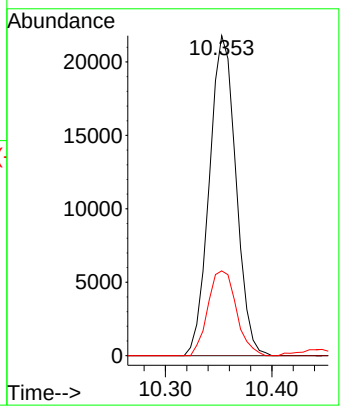


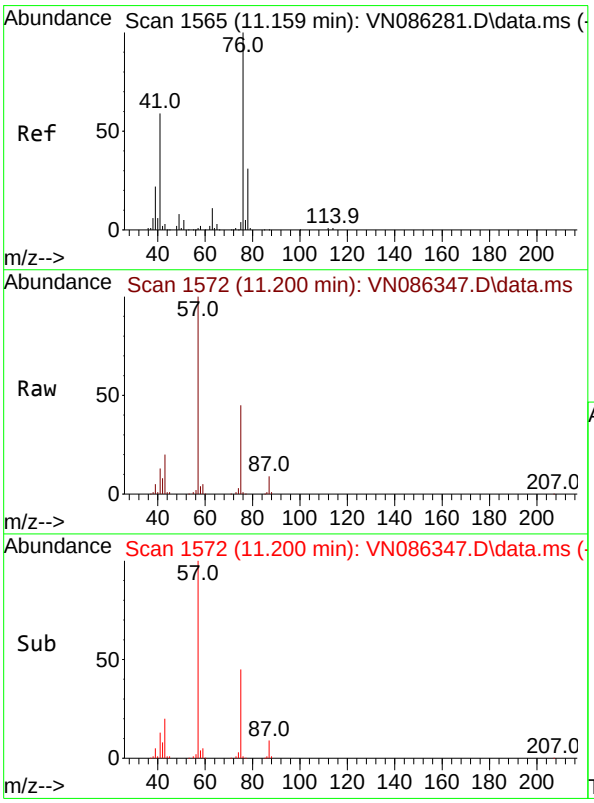
#54
cis-1,3-Dichloropropene
Concen: 8.825 ug/l
RT: 10.353 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 75 Resp: 37782

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	26.5	39.3	58.9#

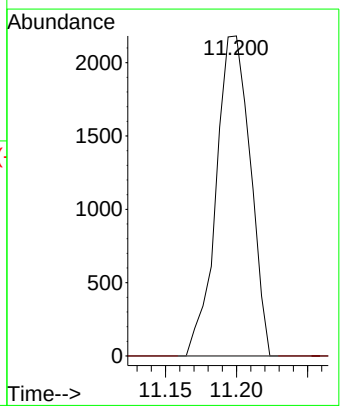


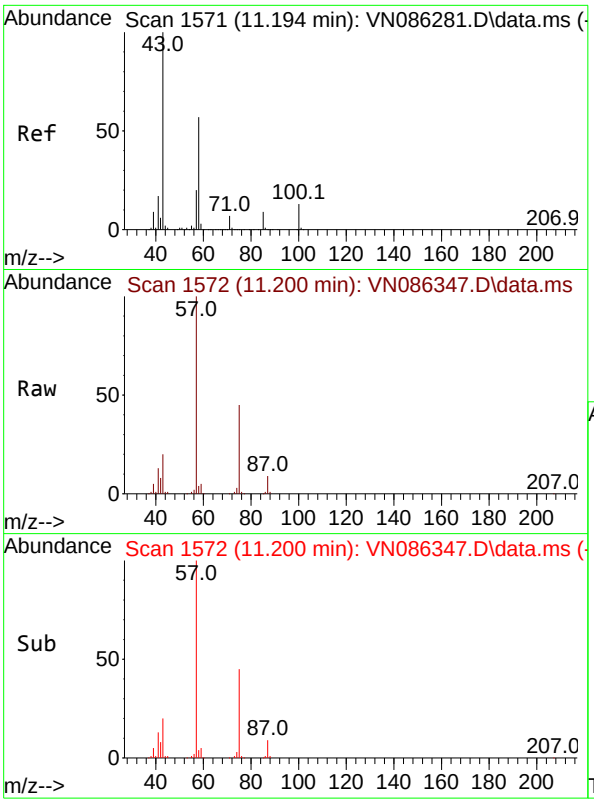


#57
1,3-Dichloropropane
Concen: 0.883 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 76 Resp: 3645

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



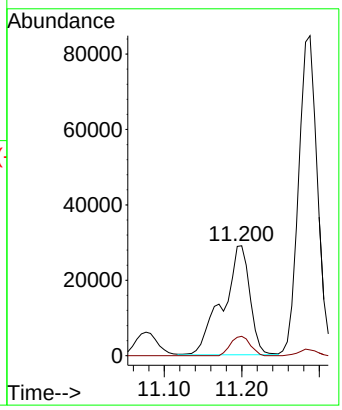


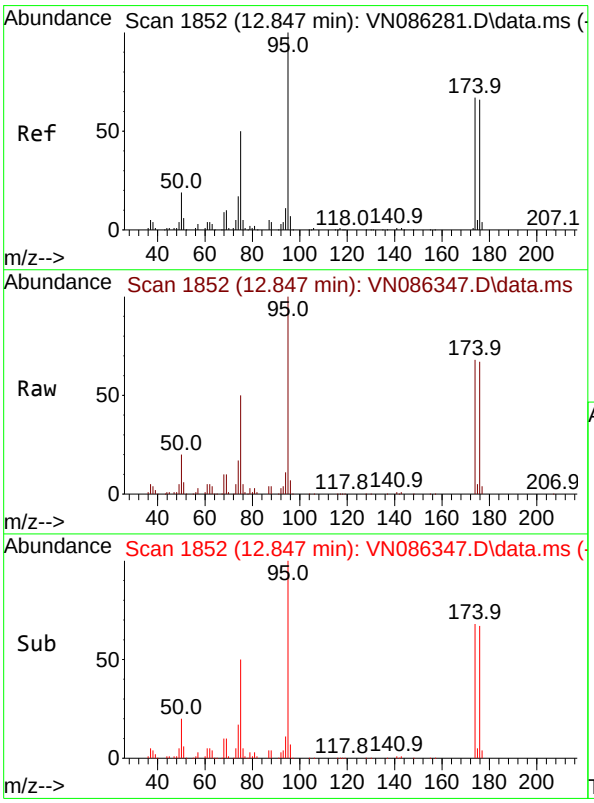
#59
2-Hexanone
Concen: 27.250 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 43 Resp: 70497

Ion	Ratio	Lower	Upper
43	100		
58	12.9	28.3	85.0#

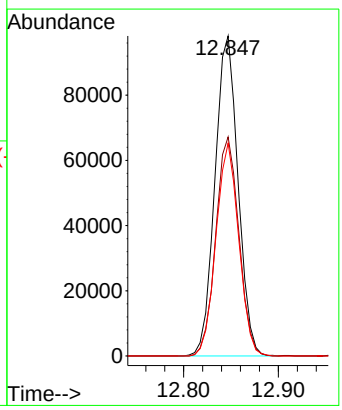


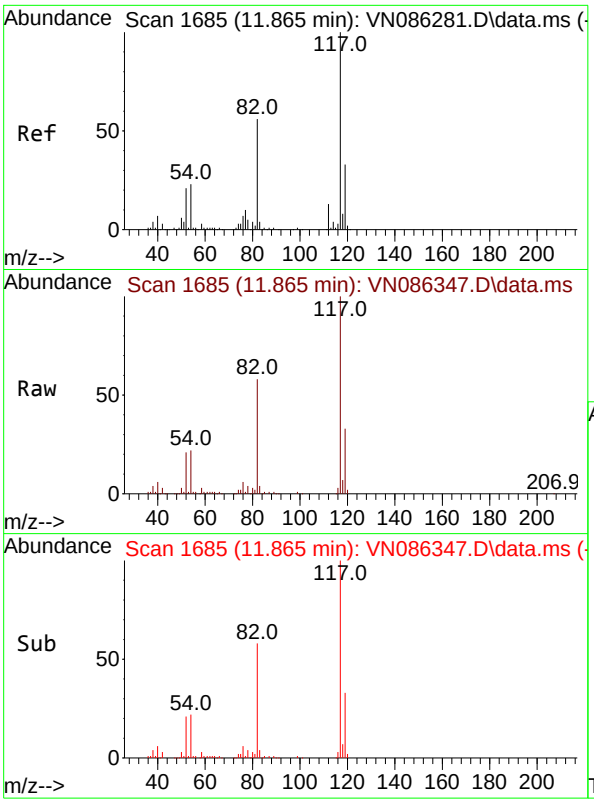


#62
4-Bromofluorobenzene
Concen: 52.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 95 Resp: 166122

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	133.4
176	65.5	0.0	129.2



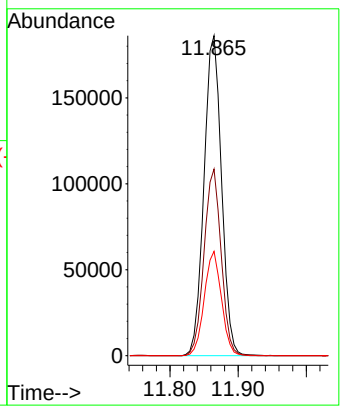


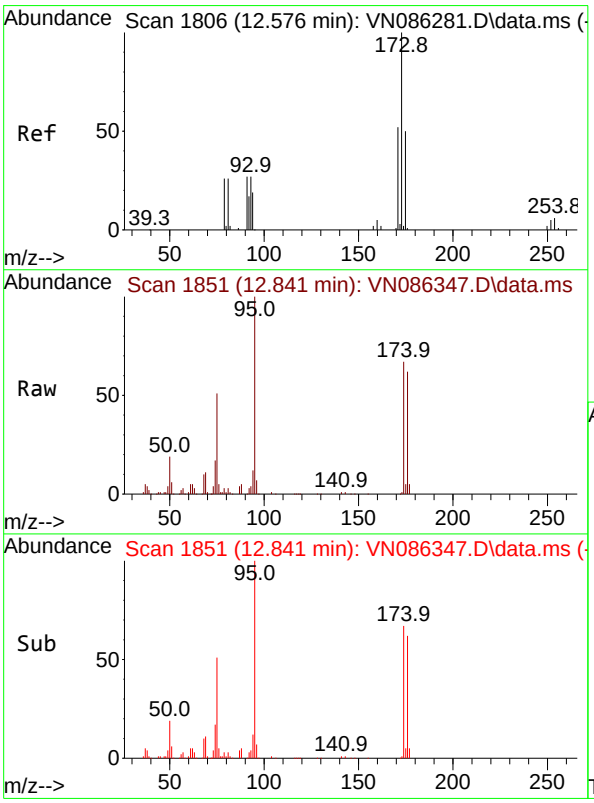
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:117 Resp: 333121

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.7	67.1
119	32.6	26.4	39.6

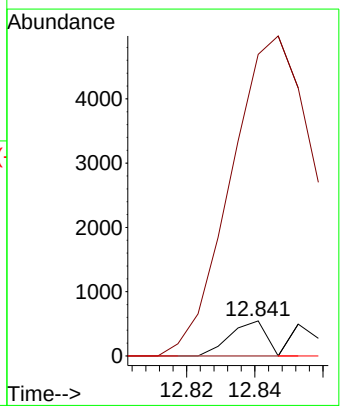


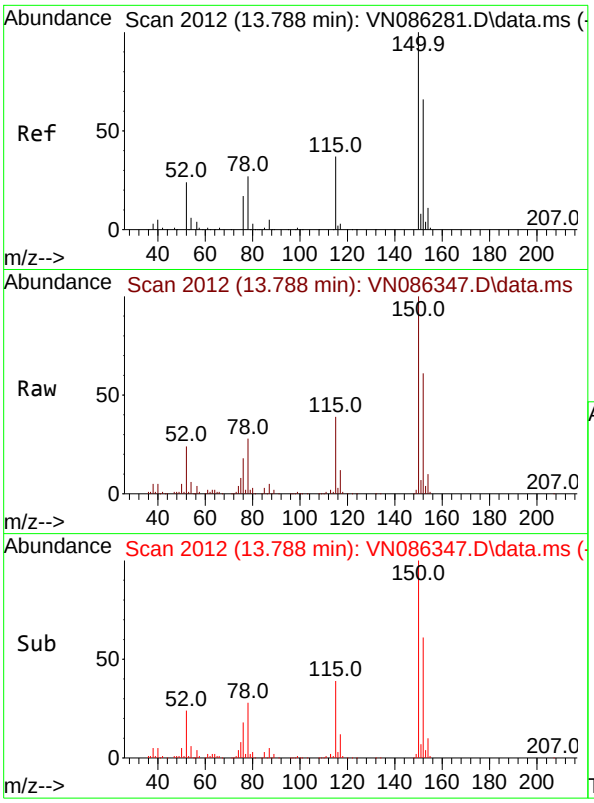


#71
Bromoform
Concen: 0.217 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion:173 Resp: 400

Ion	Ratio	Lower	Upper
173	100		
175	1753.5	24.6	73.6#
254	0.0	0.0	0.0



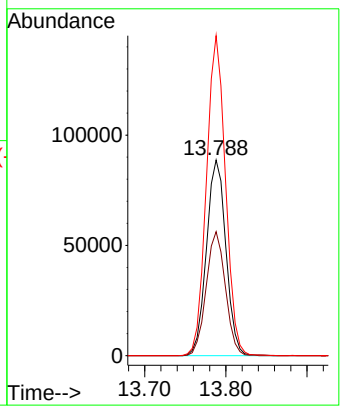


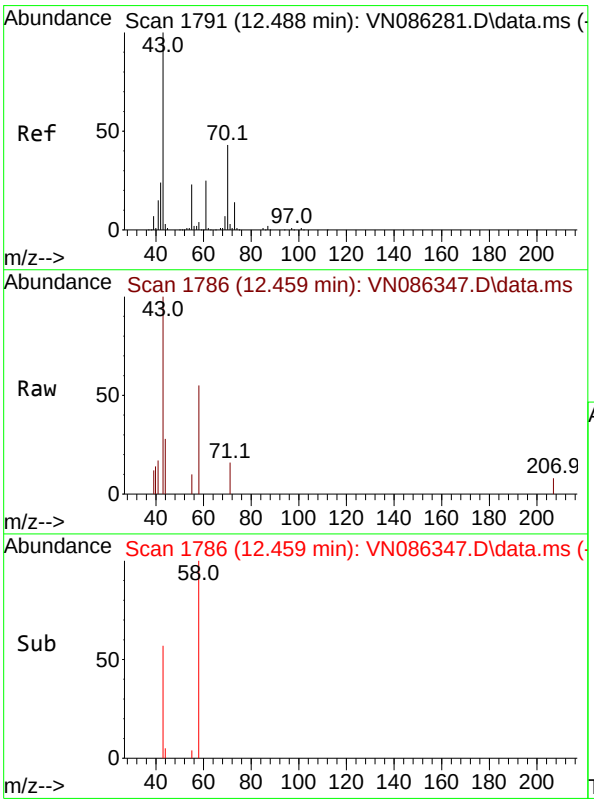
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion:152 Resp: 147750

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.9	95.9
150	159.7	0.0	352.0

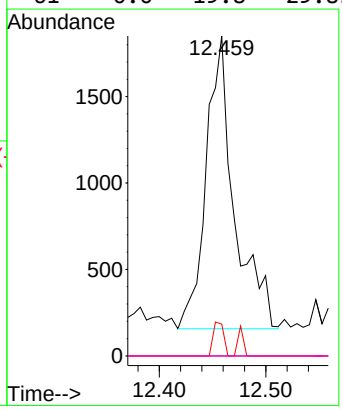


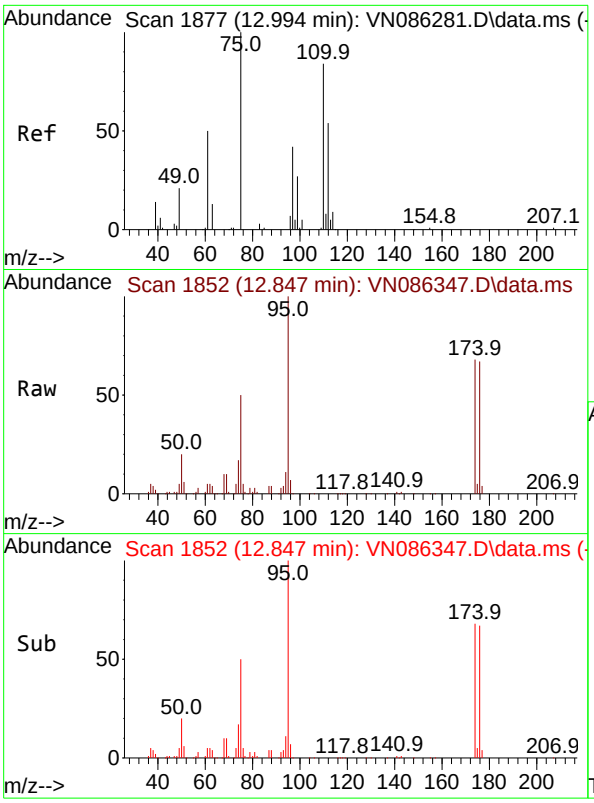


#74
N-amyl acetate
Concen: 0.519 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.030 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 43 Resp: 3125

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.0	52.4#
55	4.3	19.0	28.4#
61	0.0	19.8	29.8#



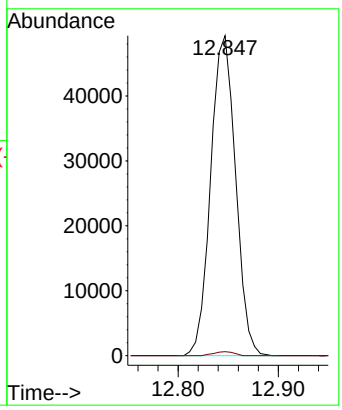


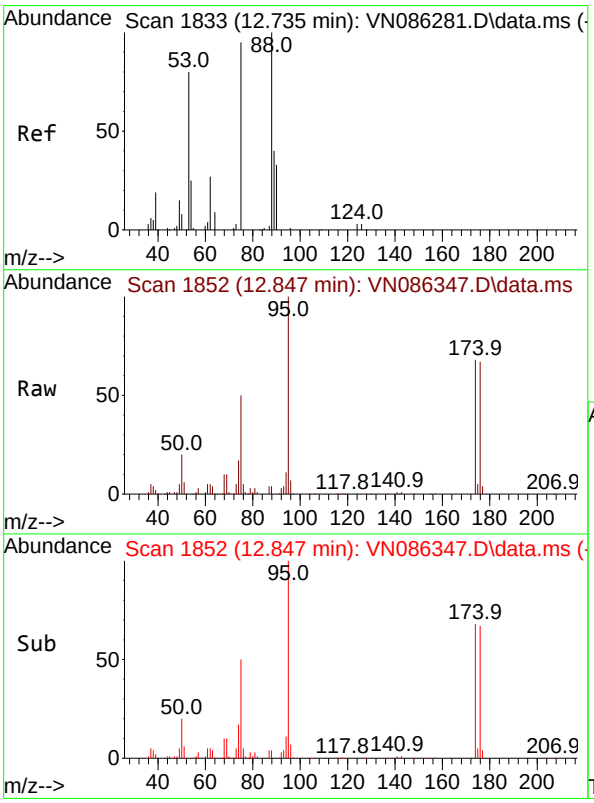
#76
1,2,3-Trichloropropane
Concen: 24.340 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 75 Resp: 84865

Ion	Ratio	Lower	Upper
75	100		
77	1.0	98.8	296.4#

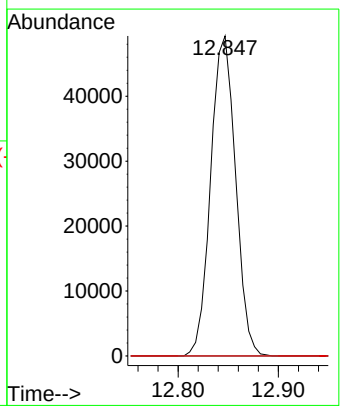


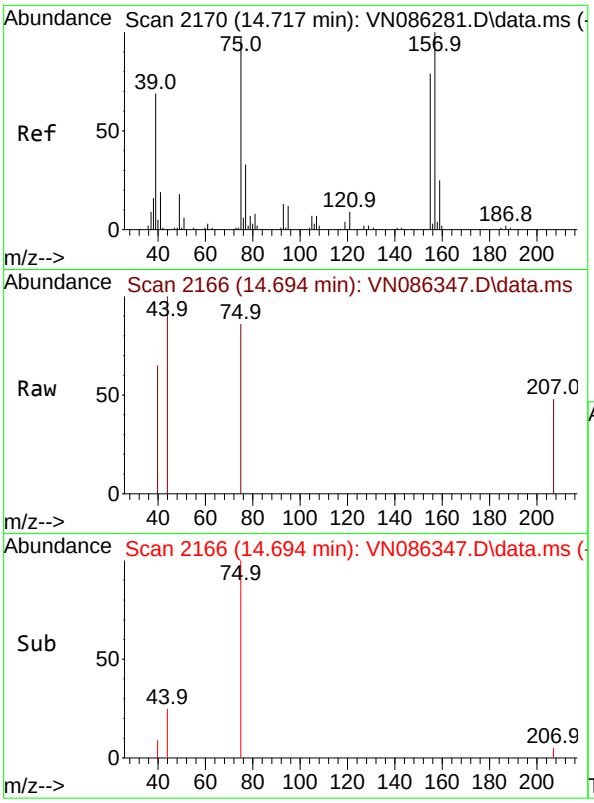


#81
trans-1,4-Dichloro-2-butene
Concen: 58.455 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Tgt Ion: 75 Resp: 84865

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.2	118.8#
89	0.0	35.7	53.5#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.567 ug/l
RT: 14.694 min Scan# 21
Delta R.T. -0.024 min
Lab File: VN086347.D
Acq: 18 Apr 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#12

Tgt Ion: 75 Resp: 397

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.3	120.9#
157	0.0	49.0	147.2#