Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086337.D
Acq On : 18 Apr 2025 12:31
Operator : JC\MD
Sample : PB167623ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Quant Time: Apr 19 02:22:57 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	204406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145871	49.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.420%			
35) Dibromofluoromethane	8.165	113	91968	51.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	10.565	98	490008	51.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.440%			
62) 4-Bromofluorobenzene	12.847	95	174233	49.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.860%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1393	0.396	ug/l	92
5) Bromomethane	2.965	94	473	0.313	ug/l #	66
11) Tert butyl alcohol	5.500	59	409	0.756	ug/l #	72
13) Acrolein	4.189	56	220	Below Cal	#	17
16) Acetone	4.424	43	53491	47.576	ug/l	99
17) Carbon Disulfide	4.712	76	1811	0.251	ug/l #	74
18) Methyl Acetate	5.030	43	3607	1.014	ug/l #	77
20) Methylene Chloride	5.283	84	6392	2.333	ug/l	90
25) 2-Butanone	7.483	43	7416	4.020	ug/l	100
29) Tetrahydrofuran	7.847	42	684	0.554	ug/l #	45
31) Cyclohexane	8.218	56	4876	1.015	ug/l #	7
36) 1,1-Dichloropropene	8.218	75	16791	4.696	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21136	6.207	ug/l #	15
43) Isopropyl Acetate	8.682	43	32496	3.002	ug/l #	89
45) 1,2-Dichloropropane	9.735	63	1264	0.451	ug/l #	43
48) Methyl methacrylate	9.735	41	86168	26.067	ug/l #	42
51) 4-Methyl-2-Pentanone	10.441	43	4929	1.279	ug/l #	87
54) cis-1,3-Dichloropropene	10.353	75	43692	9.235	ug/l #	58
57) 1,3-Dichloropropane	11.194	76	3661	0.802	ug/l #	43
59) 2-Hexanone	11.200	43	72306	25.290	ug/l #	43
71) Bromoform	12.841	173	555	0.283	ug/l #	1
74) N-amyl acetate	12.453	43	4782	0.772	ug/l #	44
76) 1,2,3-Trichloropropane	12.847	75	89990	25.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89990	60.203	ug/l #	10
95) Naphthalene	15.635	128	2045	0.240	ug/l #	78

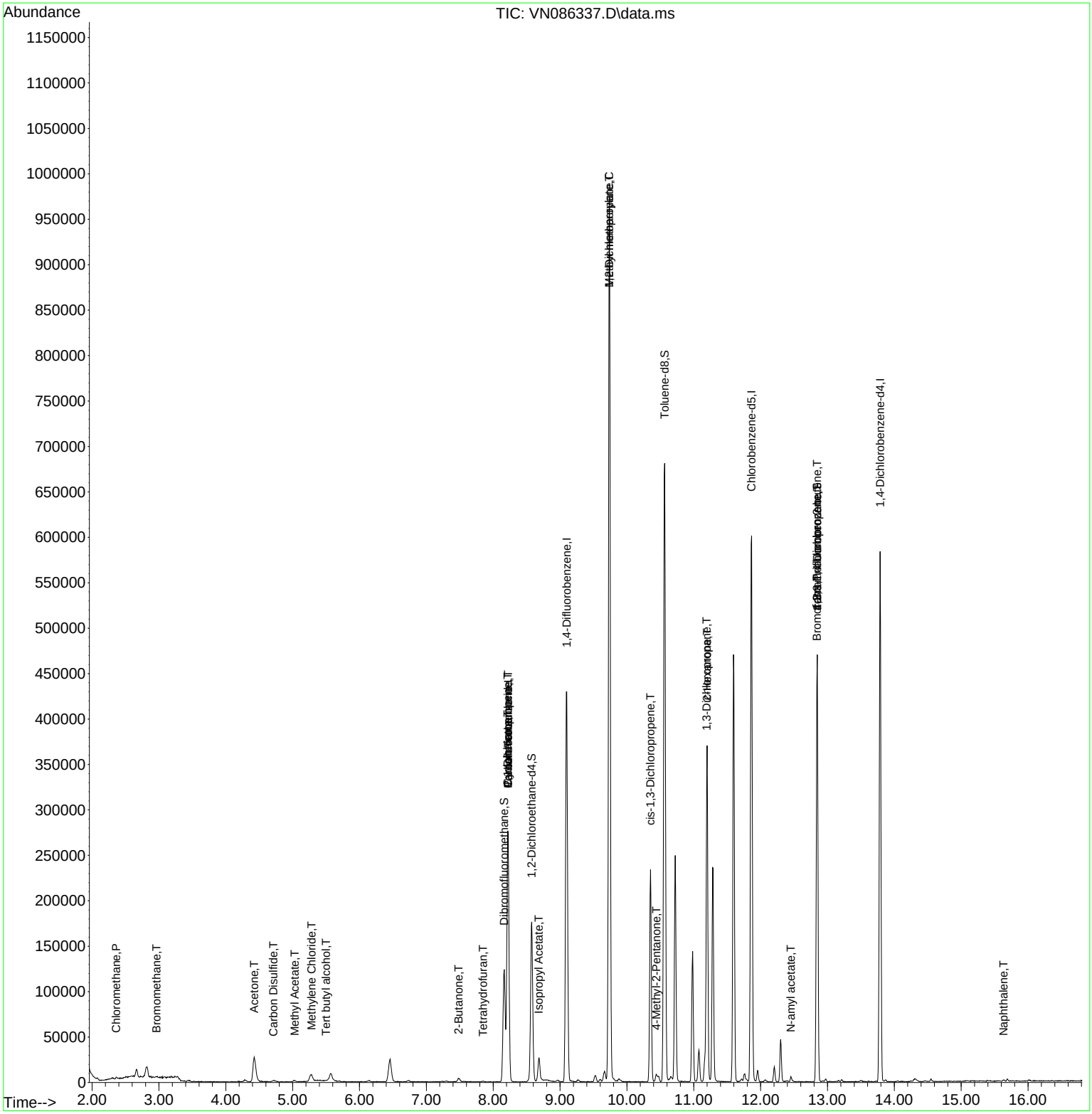
(#) = qualifier out of range (m) = manual integration (+) = signals summed

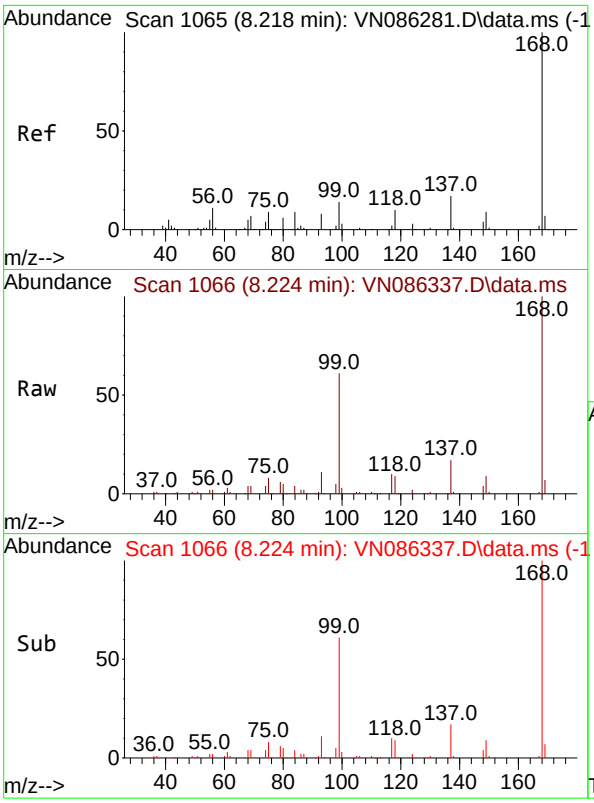
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
Data File : VN086337.D
Acq On : 18 Apr 2025 12:31
Operator : JC\MD
Sample : PB167623ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Quant Time: Apr 19 02:22:57 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



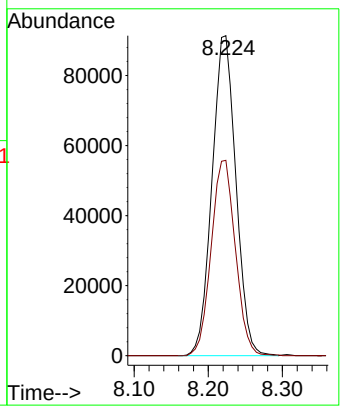


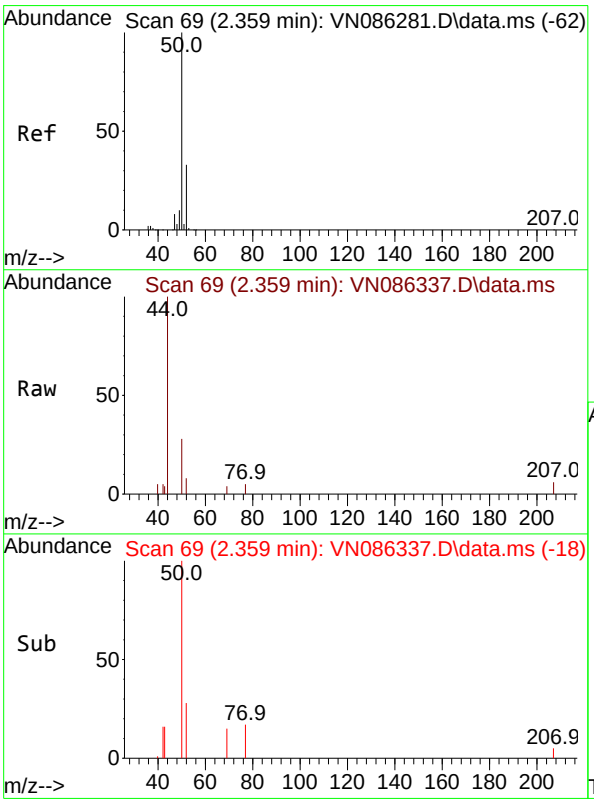
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:168 Resp: 204406

Ion	Ratio	Lower	Upper
168	100		
99	61.0	52.5	78.7

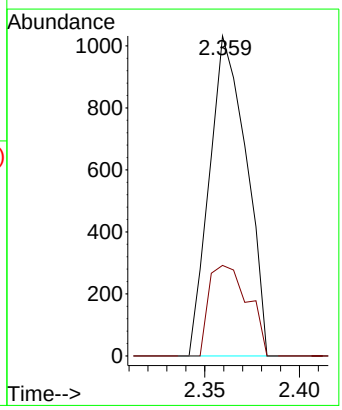


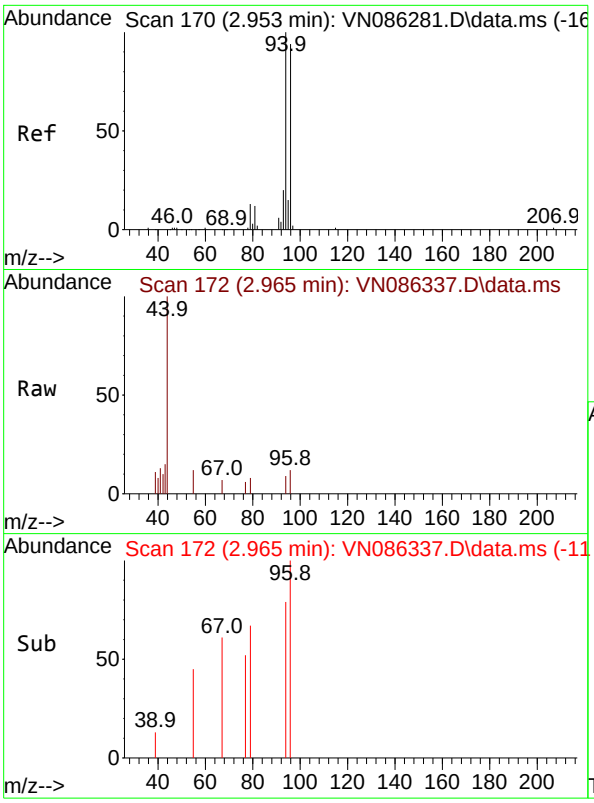


#3
Chloromethane
Concen: 0.396 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 50 Resp: 1393

Ion	Ratio	Lower	Upper
50	100		
52	28.3	26.5	39.7



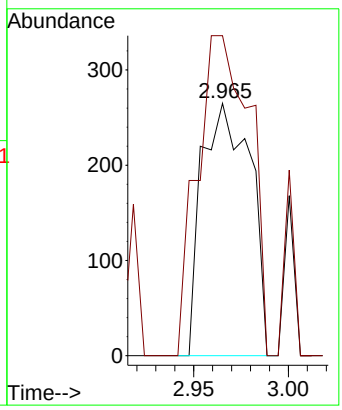


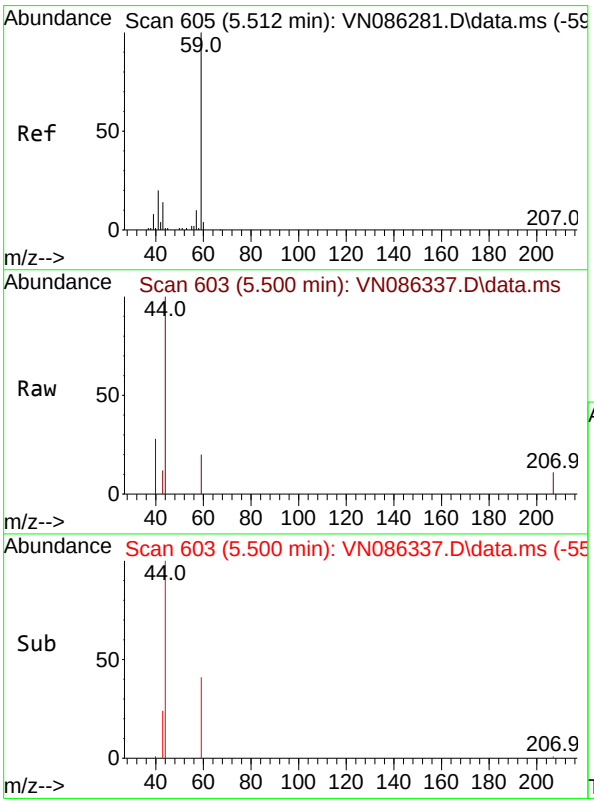
#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 94 Resp: 473

Ion	Ratio	Lower	Upper
94	100		
96	126.8	75.2	112.8#

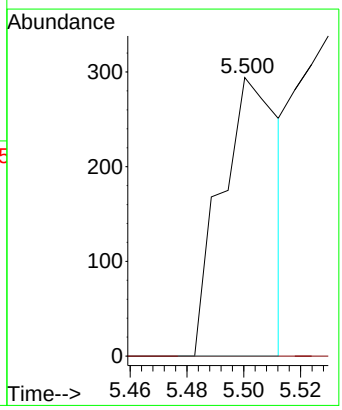


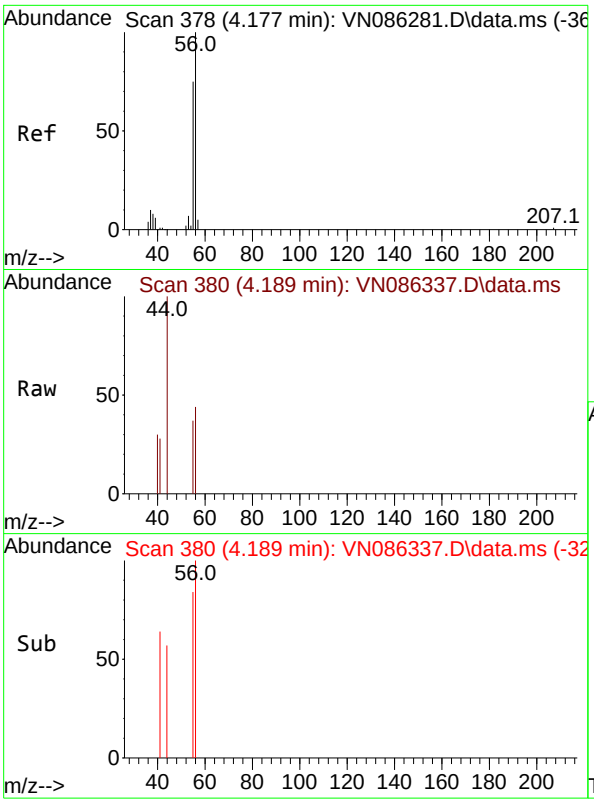


#11
Tert butyl alcohol
Concen: 0.756 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 59 Resp: 409

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



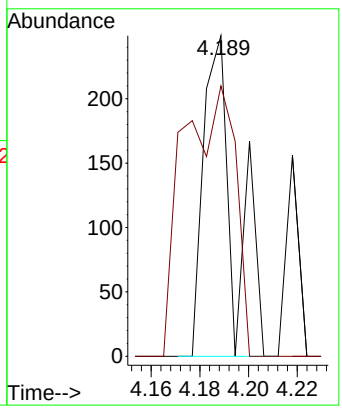


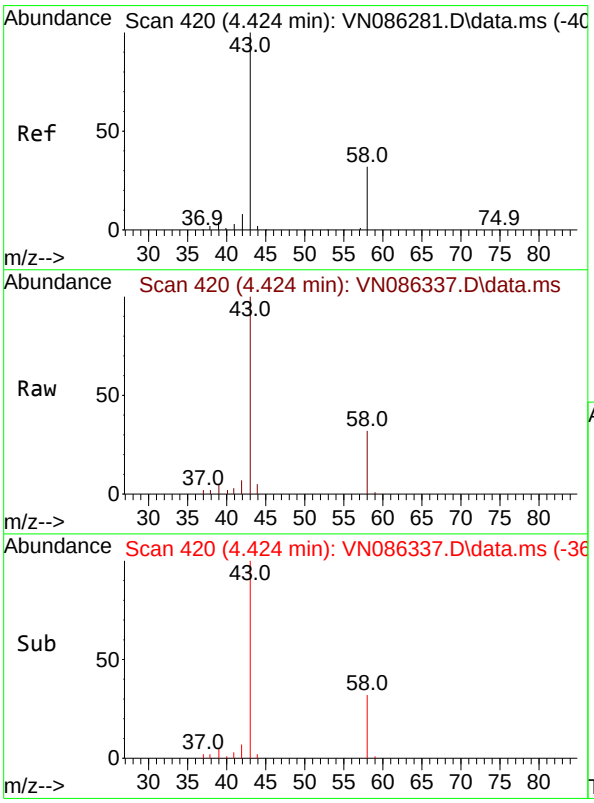
#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 3
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 56 Resp: 220

Ion	Ratio	Lower	Upper
56	100		
55	142.7	58.5	87.7#

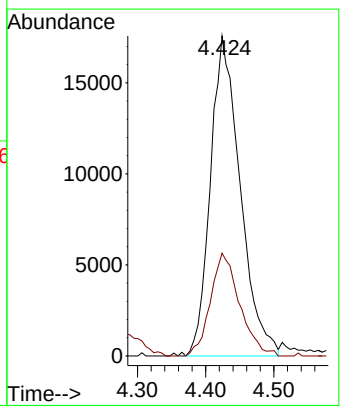


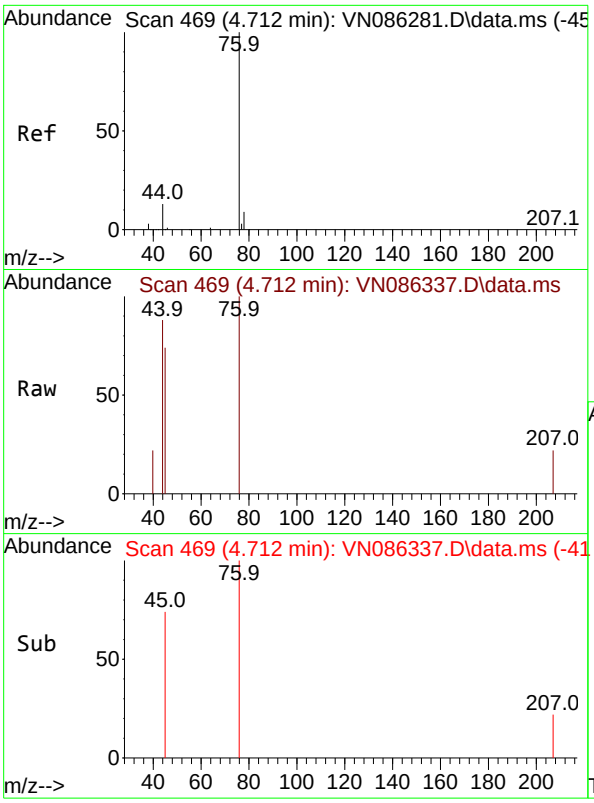


#16
Acetone
Concen: 47.576 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 53491

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.3	37.9



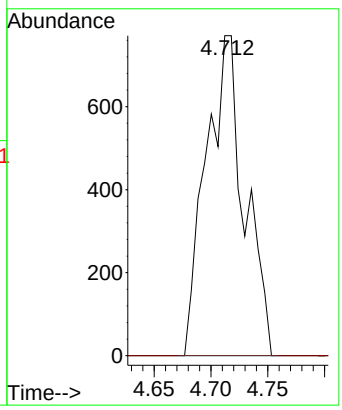


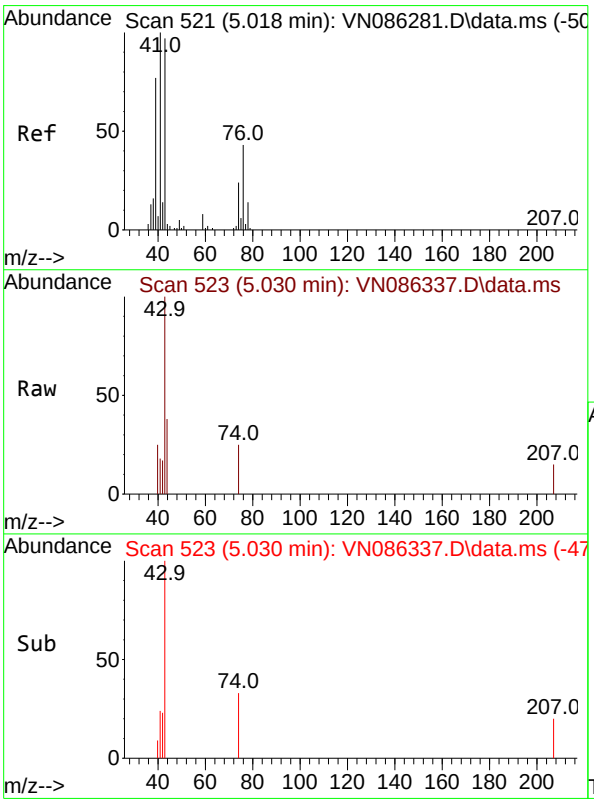
#17
Carbon Disulfide
Concen: 0.251 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 76 Resp: 1811

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

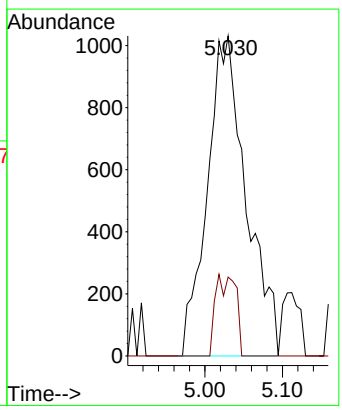


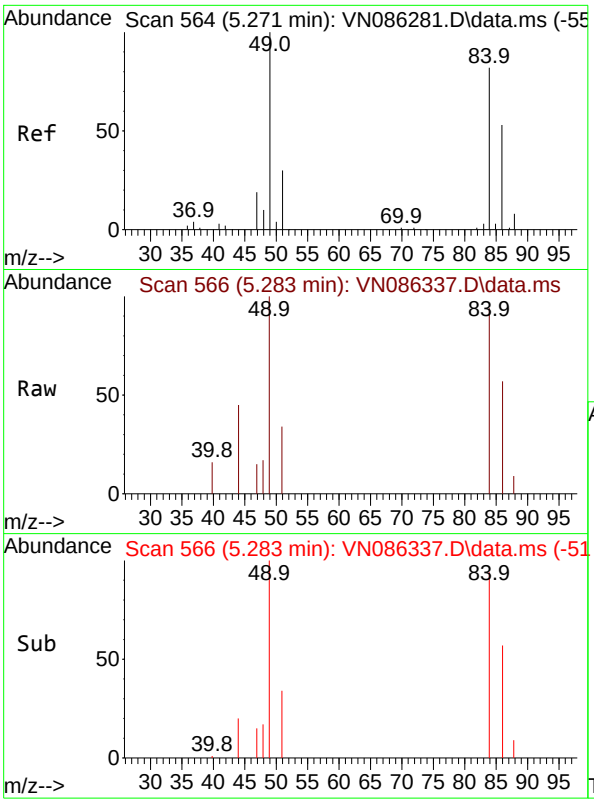


#18
Methyl Acetate
Concen: 1.014 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 3607

Ion	Ratio	Lower	Upper
43	100		
74	13.2	19.8	29.6#



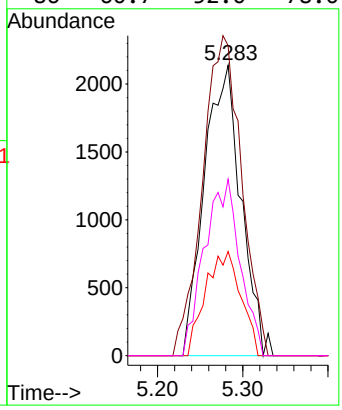


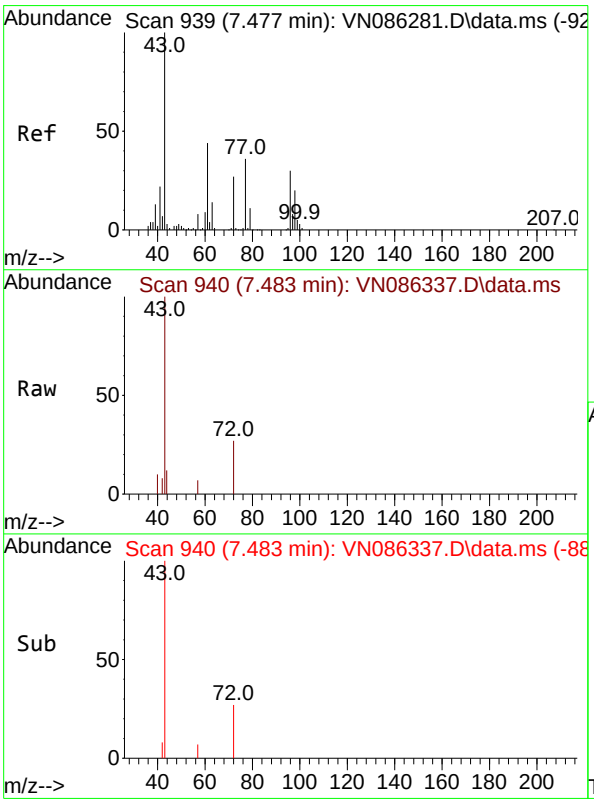
#20
Methylene Chloride
Concen: 2.333 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 84 Resp: 6392

Ion	Ratio	Lower	Upper
84	100		
49	106.8	98.2	147.2
51	35.9	29.8	44.6
86	60.7	52.0	78.0

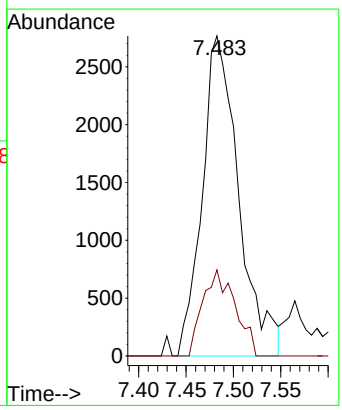


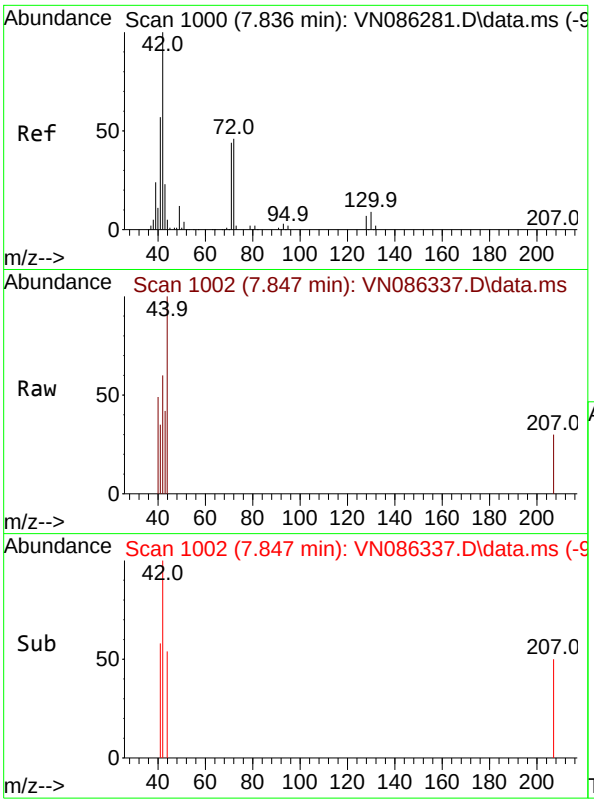


#25
2-Butanone
Concen: 4.020 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 7416

Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.7	32.5



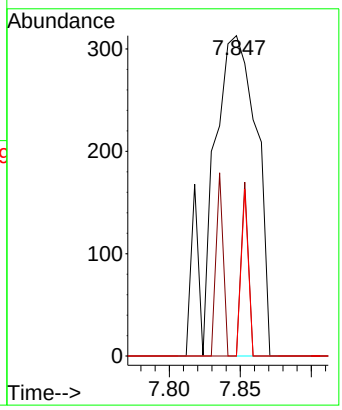


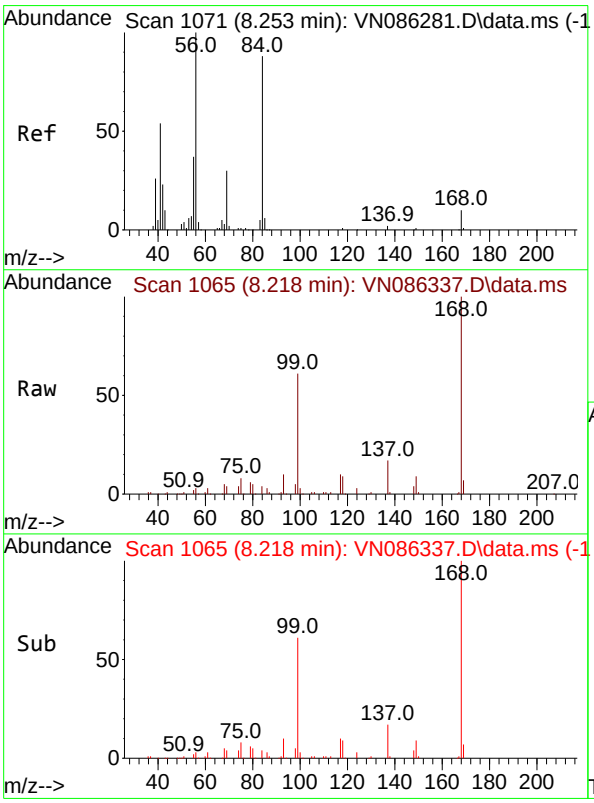
#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 42 Resp: 684

Ion	Ratio	Lower	Upper
42	100		
72	8.8	36.2	54.4#
71	8.5	34.0	51.0#

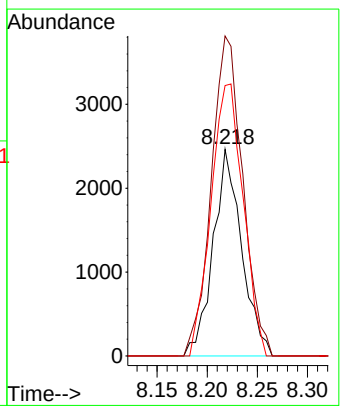


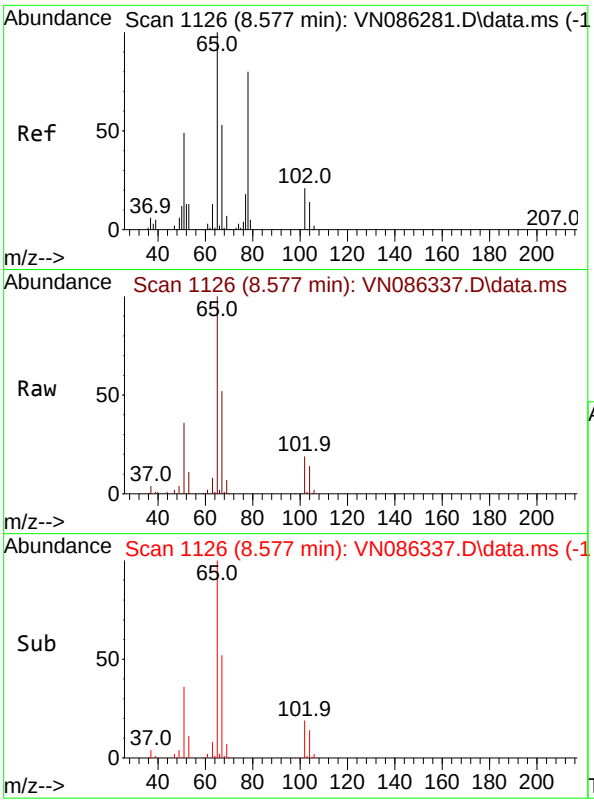


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 56 Resp: 4876

Ion	Ratio	Lower	Upper
56	100		
69	154.9	24.2	36.2#
84	130.9	70.3	105.5#



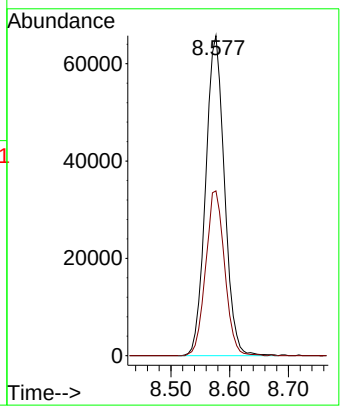


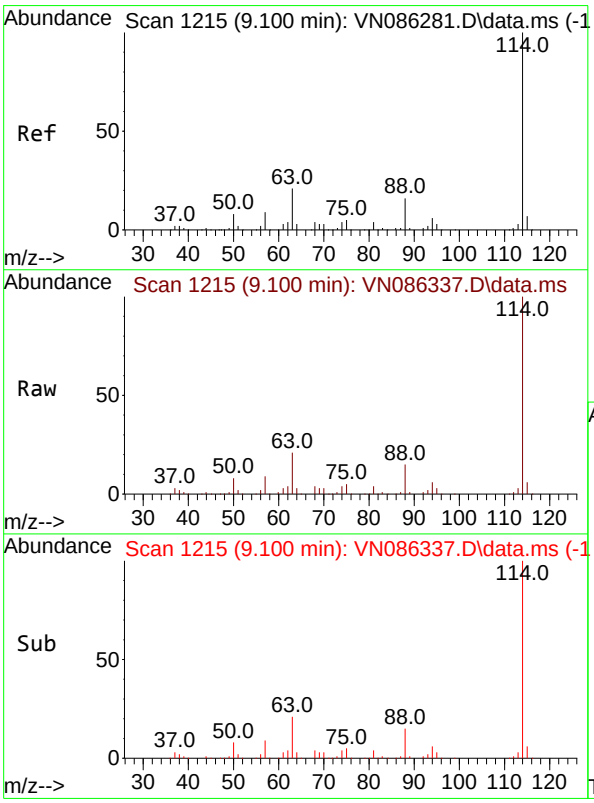
#33
1,2-Dichloroethane-d4
Concen: 49.213 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 65 Resp: 145871

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

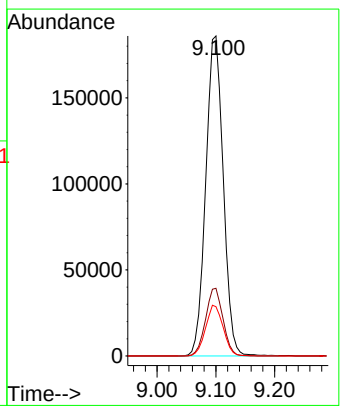


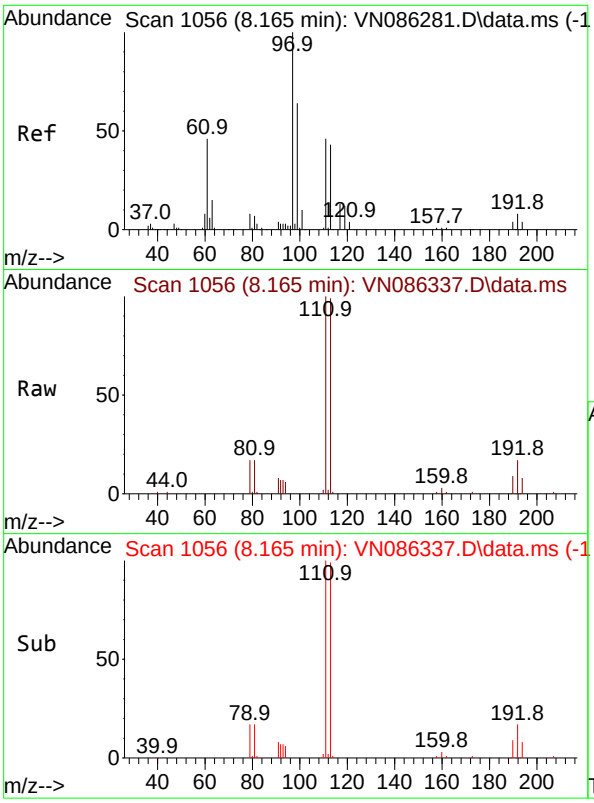


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion:114 Resp: 385701

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	15.4	0.0	31.8



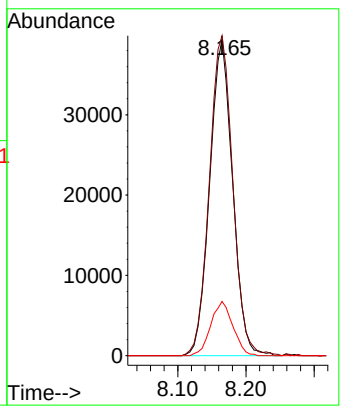


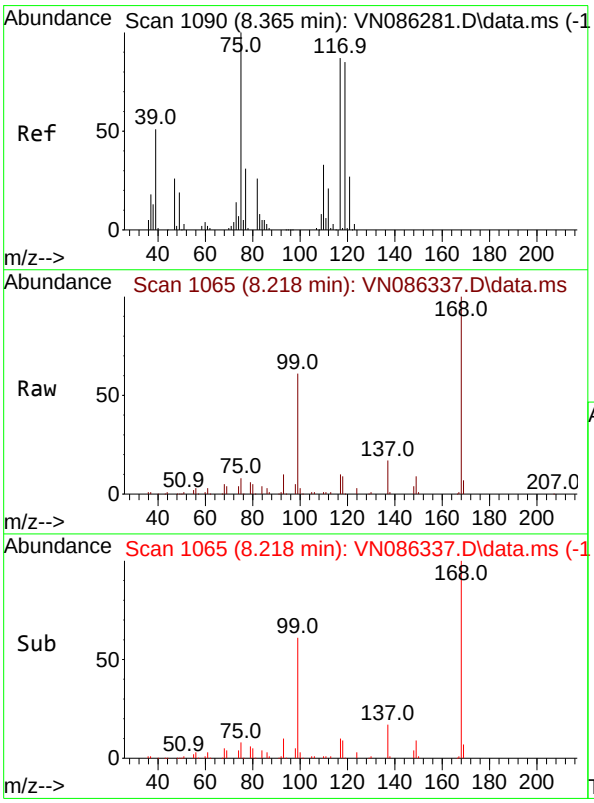
#35
Dibromofluoromethane
Concen: 51.376 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:113 Resp: 91968

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	16.6	13.7	20.5

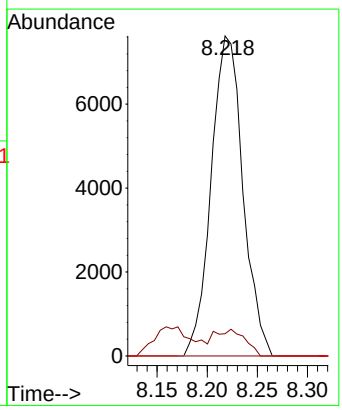


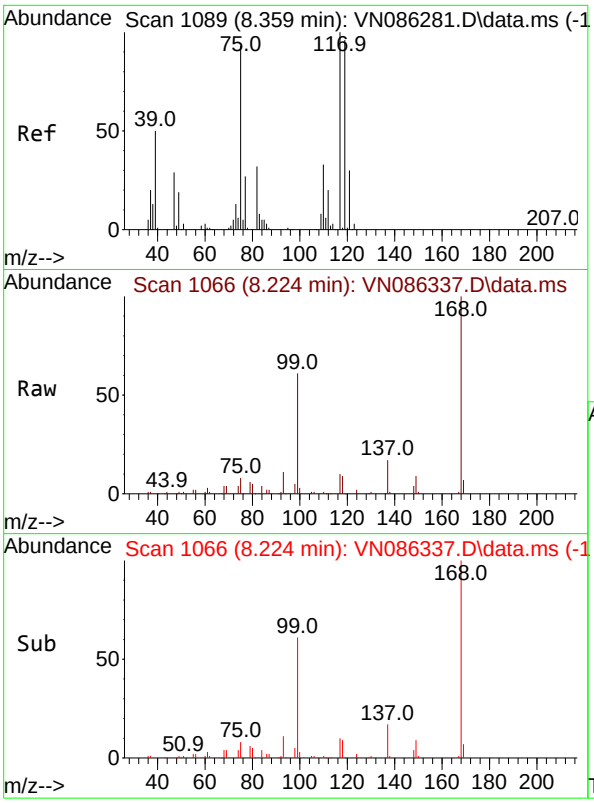


#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 75 Resp: 16791

Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.8	50.4#
77	0.0	24.9	37.3#



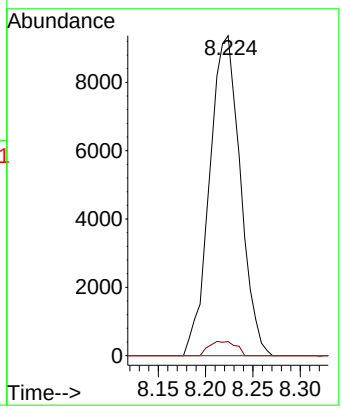


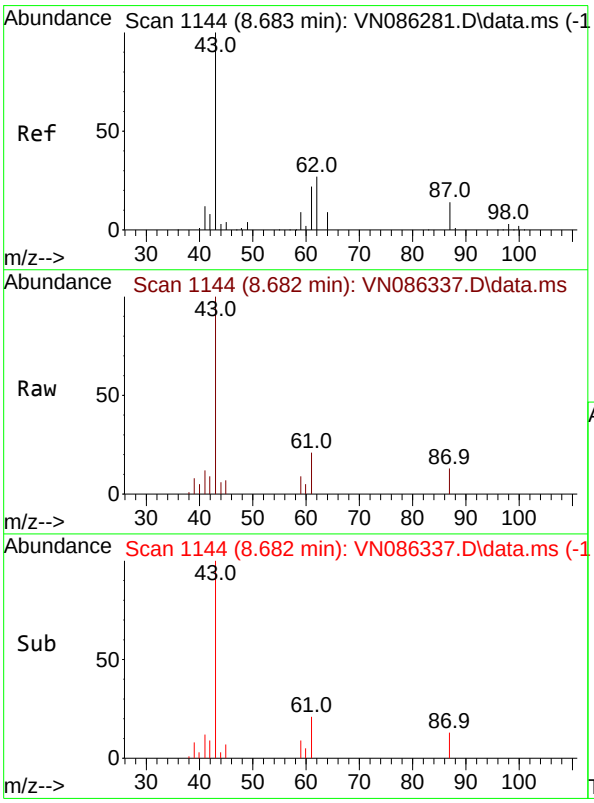
#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:117 Resp: 21136

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.8	115.2#
121	0.0	23.8	35.8#

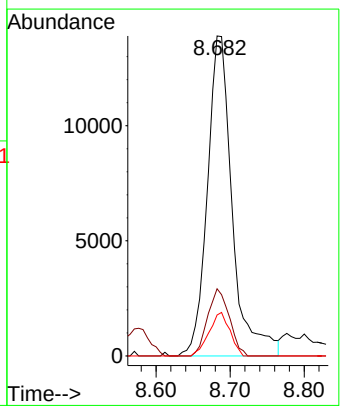


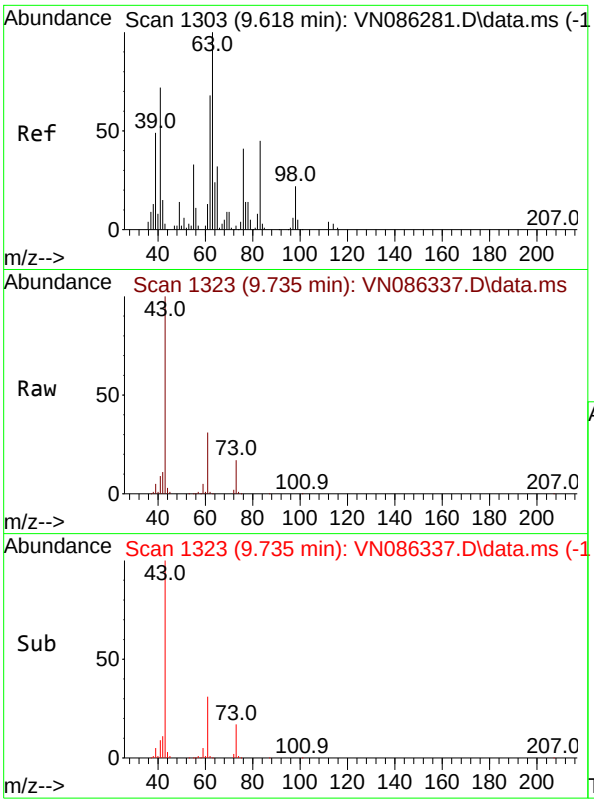


#43
Isopropyl Acetate
Concen: 3.002 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 32496

Ion	Ratio	Lower	Upper
43	100		
61	18.2	20.5	30.7#
87	11.4	10.5	15.7



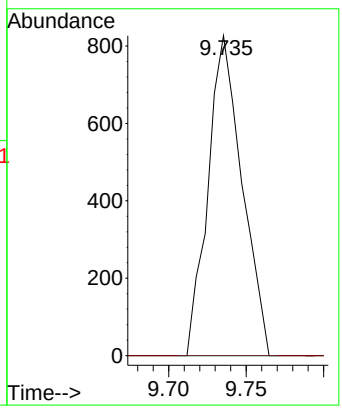


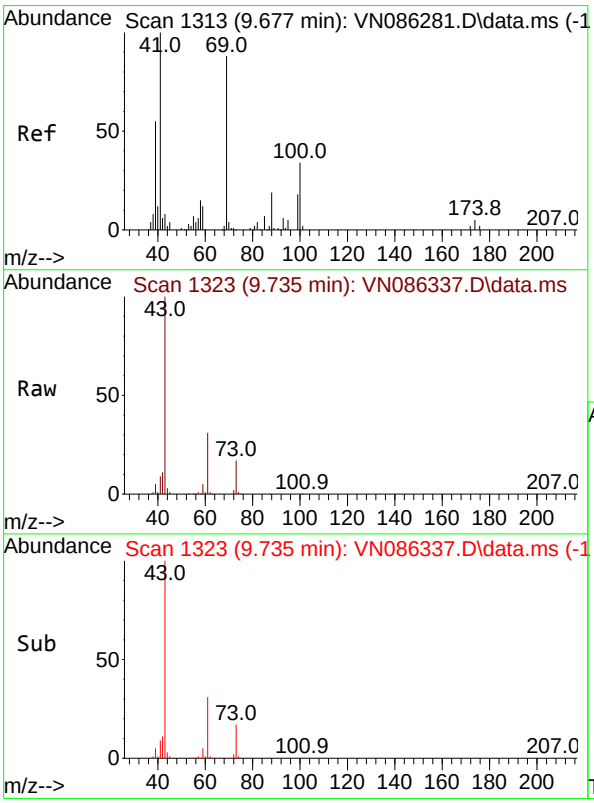
#45
1,2-Dichloropropane
Concen: 0.451 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 63 Resp: 1264

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#

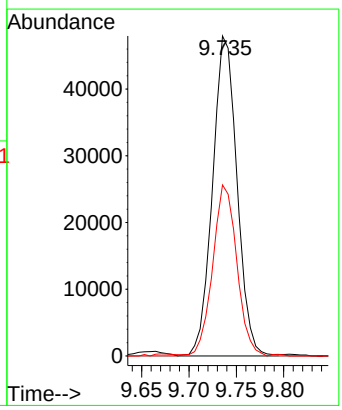


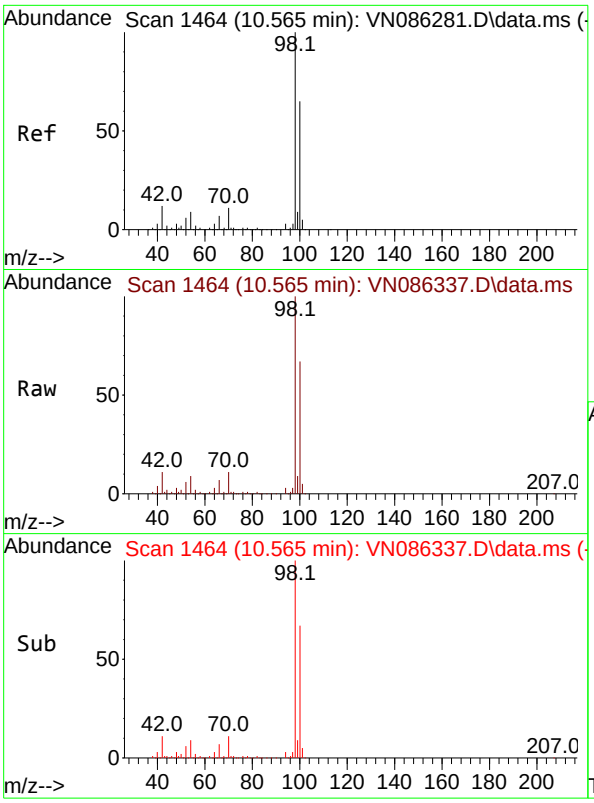


#48
Methyl methacrylate
Concen: 26.067 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.059 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 41 Resp: 86168

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.2	102.2#
39	52.8	45.2	67.8



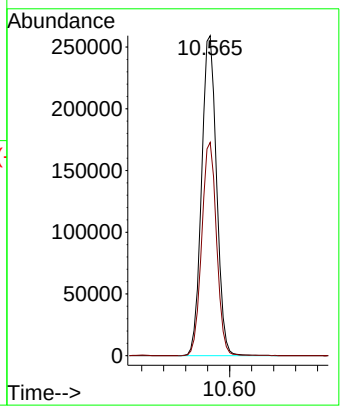


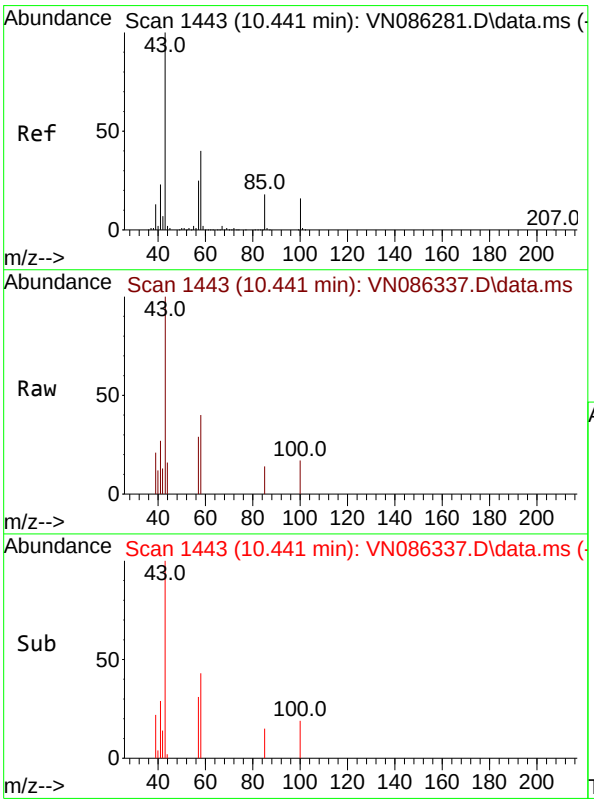
#50
Toluene-d8
Concen: 51.218 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 98 Resp: 490008

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7

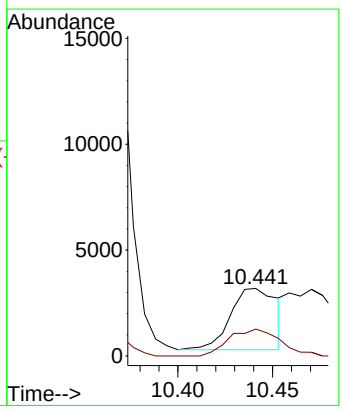


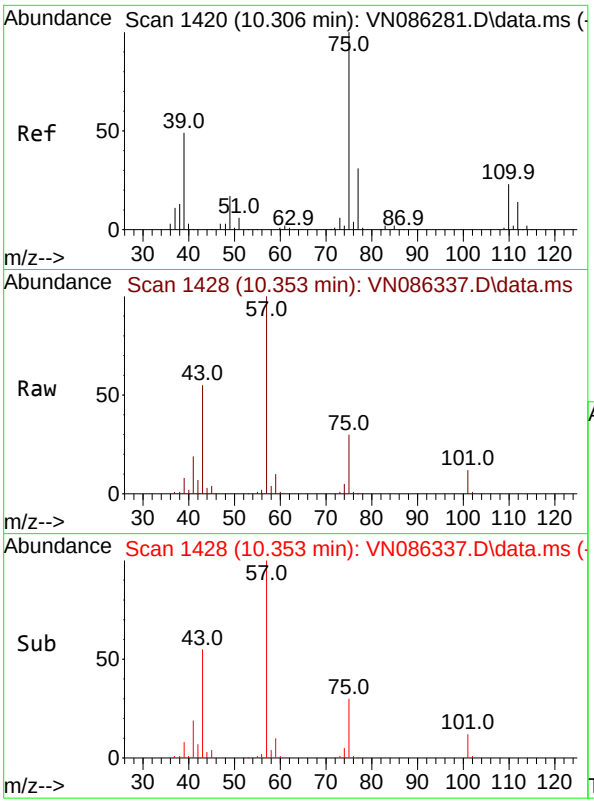


#51
4-Methyl-2-Pentanone
Concen: 1.279 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 4929

Ion	Ratio	Lower	Upper
43	100		
58	48.7	32.2	48.4#



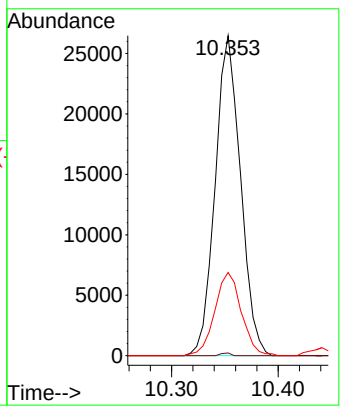


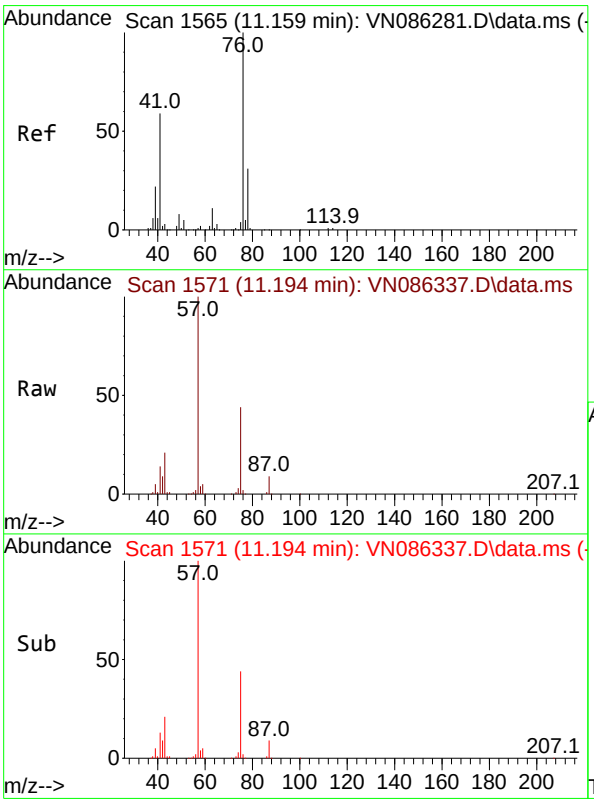
#54
cis-1,3-Dichloropropene
Concen: 9.235 ug/l
RT: 10.353 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 75 Resp: 43692

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.2	37.8#
39	26.0	39.3	58.9#

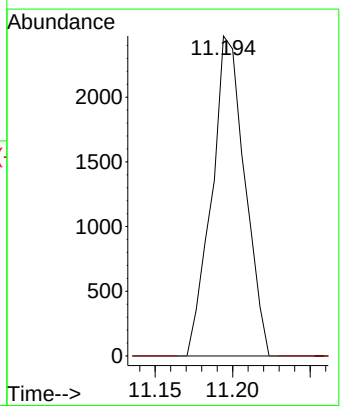


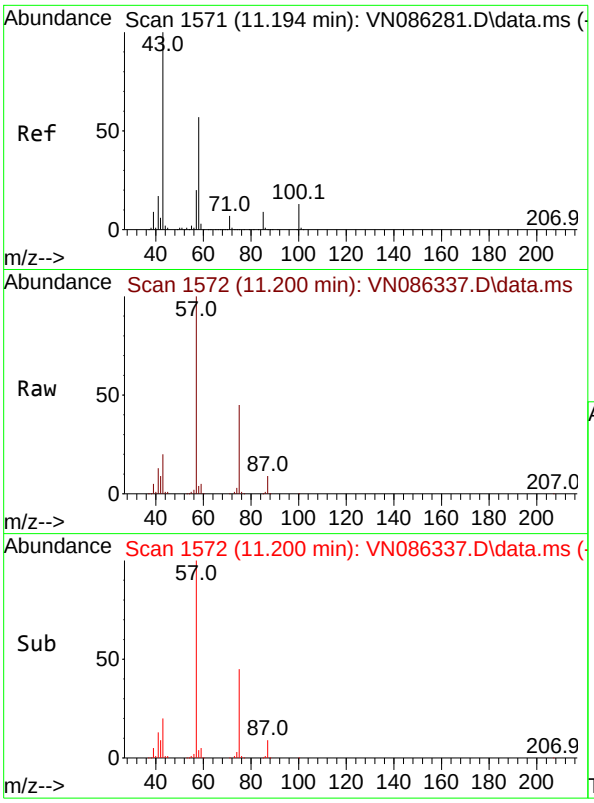


#57
1,3-Dichloropropane
Concen: 0.802 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.035 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 76 Resp: 3661

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



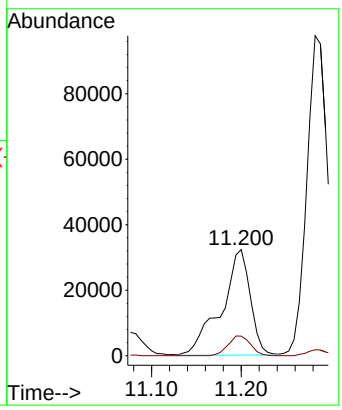


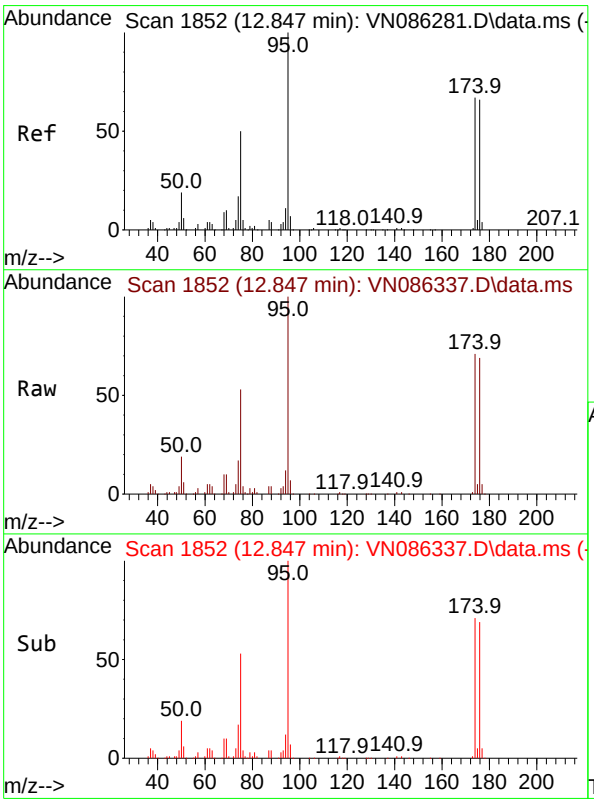
#59
2-Hexanone
Concen: 25.290 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 43 Resp: 72306

Ion	Ratio	Lower	Upper
43	100		
58	14.5	28.3	85.0#

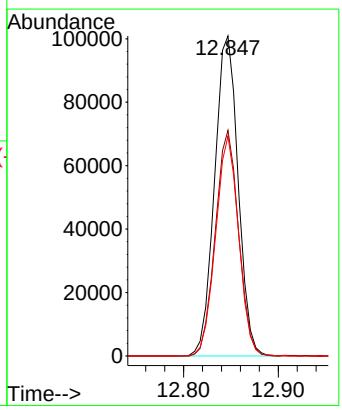


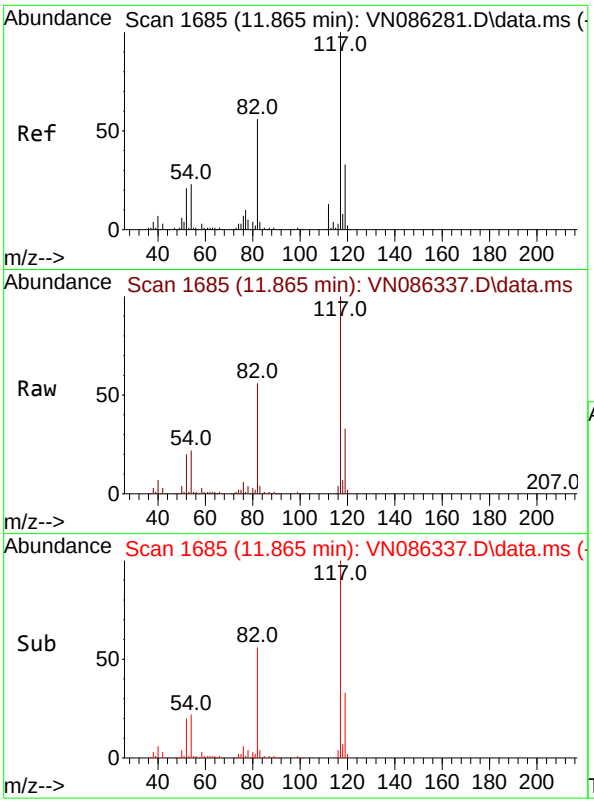


#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 95 Resp: 174233

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	133.4
176	67.0	0.0	129.2



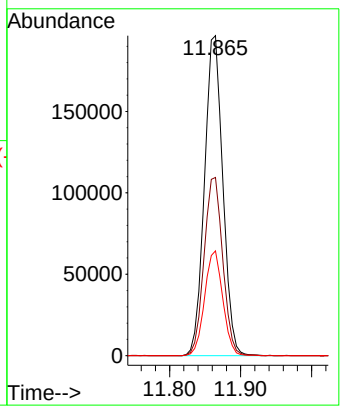


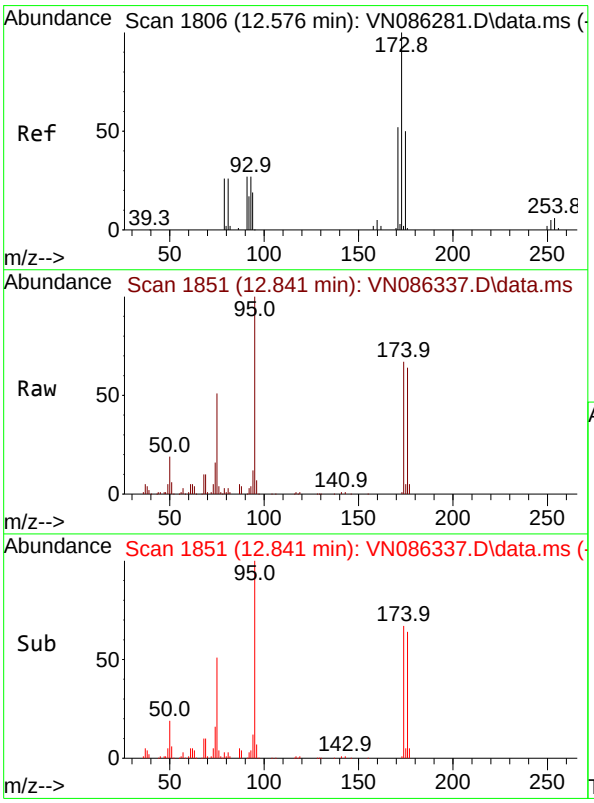
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:117 Resp: 353297

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.7	67.1
119	32.7	26.4	39.6

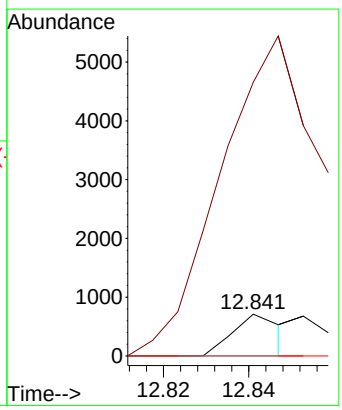


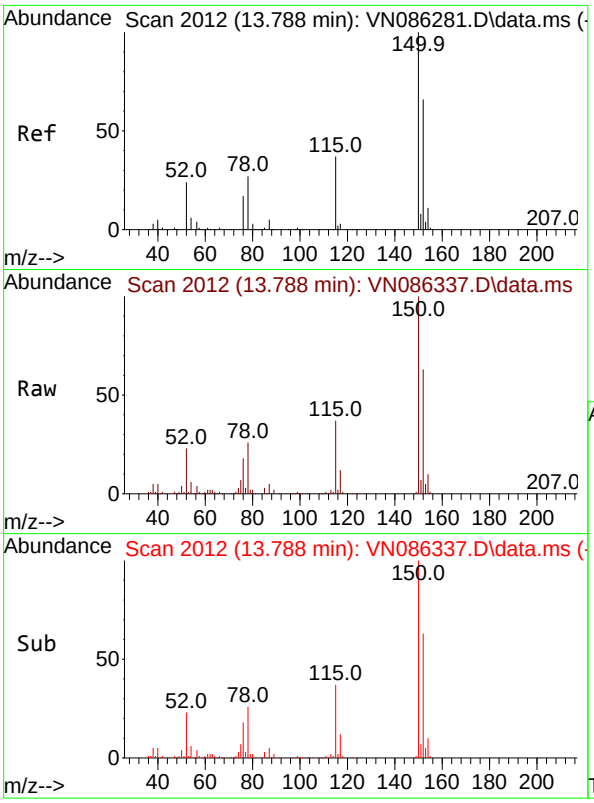


#71
Bromoform
Concen: 0.283 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion:173 Resp: 555

Ion	Ratio	Lower	Upper
173	100		
175	1318.9	24.6	73.6#
254	0.0	0.0	0.0



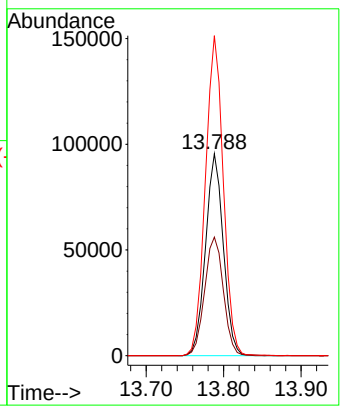


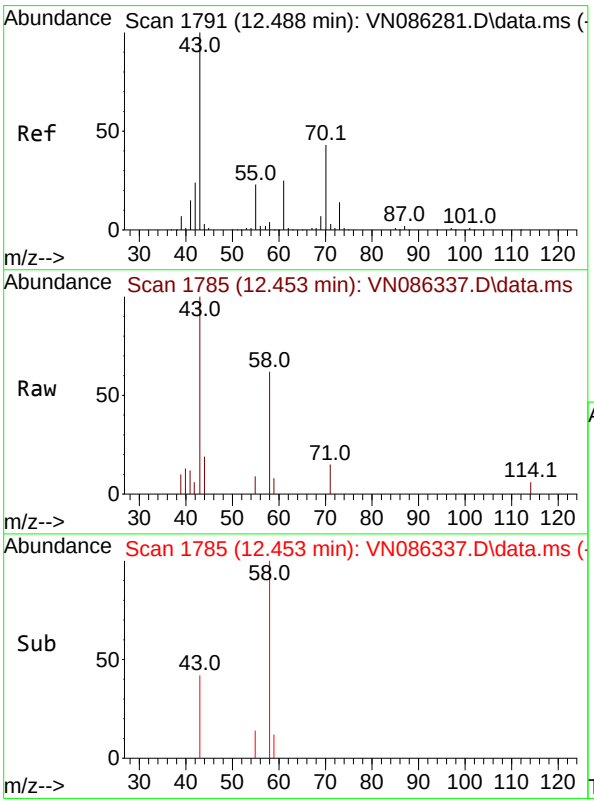
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:152 Resp: 152125

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.9	95.9
150	159.4	0.0	352.0

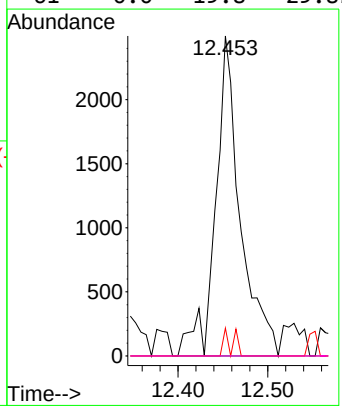


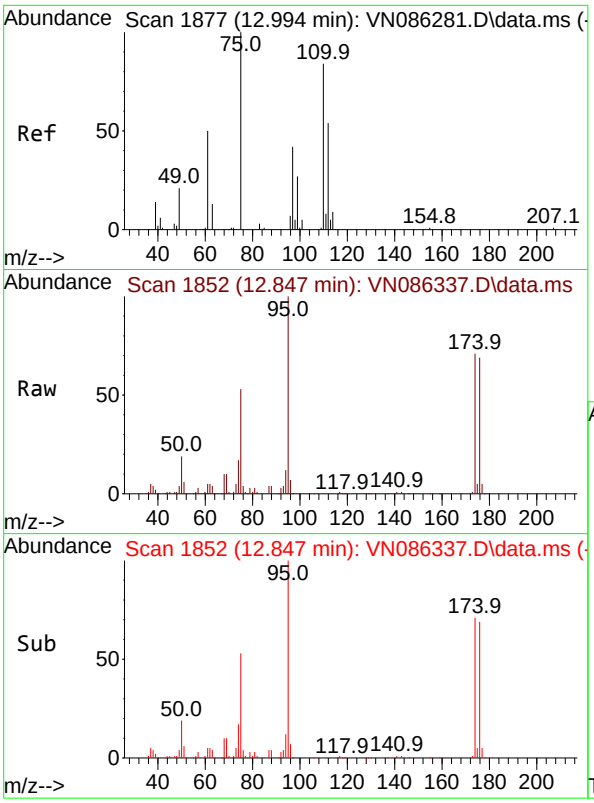


#74
N-amyl acetate
Concen: 0.772 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.035 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 43 Resp: 4782

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.0	52.4#
55	3.2	19.0	28.4#
61	0.0	19.8	29.8#



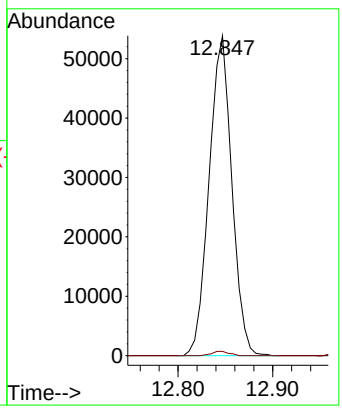


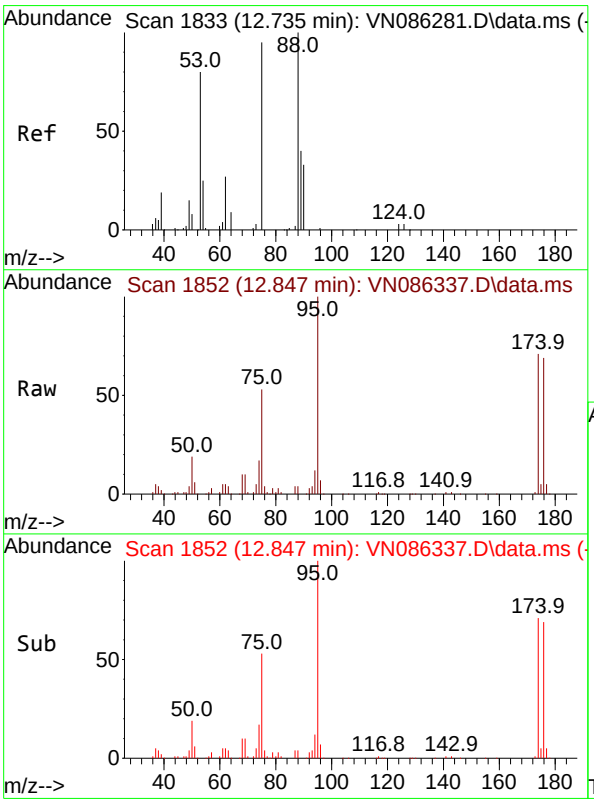
#76
1,2,3-Trichloropropane
Concen: 25.067 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion: 75 Resp: 89990

Ion	Ratio	Lower	Upper
75	100		
77	1.0	98.8	296.4#

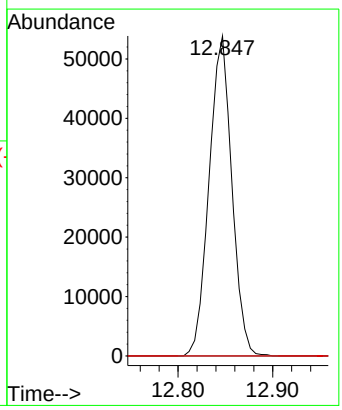


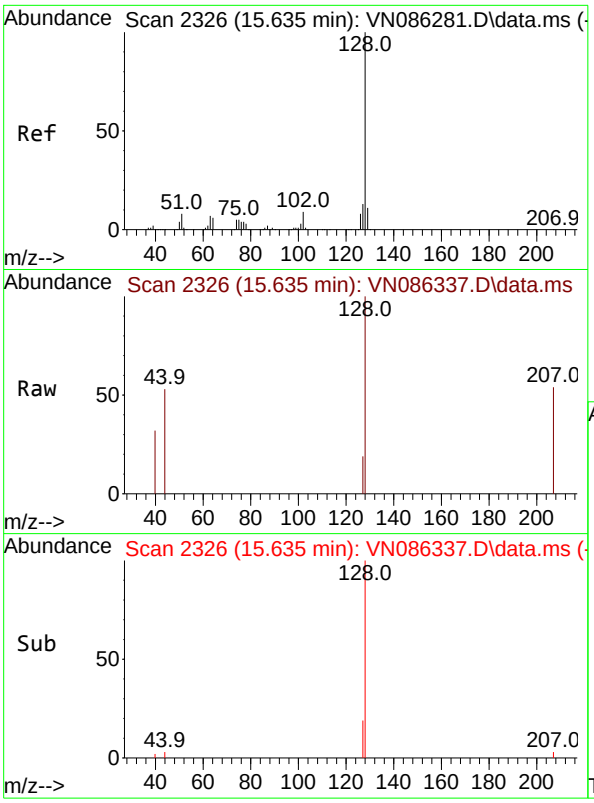


#81
trans-1,4-Dichloro-2-butene
Concen: 60.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Tgt Ion: 75 Resp: 89990

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





#95
Naphthalene
Concen: 0.240 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086337.D
Acq: 18 Apr 2025 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#02

Tgt Ion:128 Resp: 2045

Ion	Ratio	Lower	Upper
128	100		
127	6.2	10.2	15.4#
129	0.0	8.6	13.0#