Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086178.D
Acq On : 31 Mar 2025 18:39
Operator : JC\MD
Sample : PB167374ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Quant Time: Apr 01 01:39:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

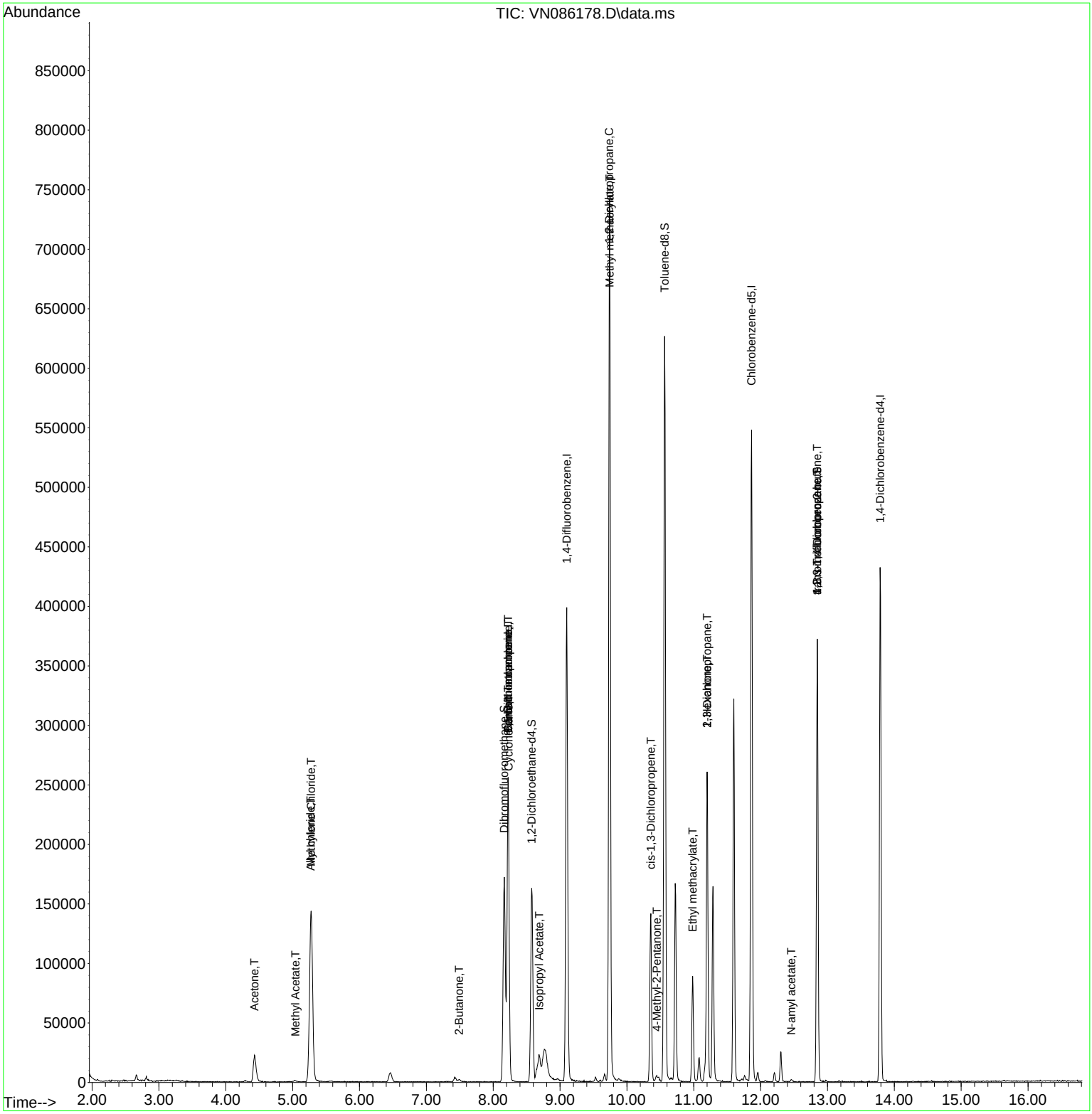
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	181948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137306	55.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.165	113	124054	51.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	10.565	98	447388	51.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.847	95	130386	42.051	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.100%			
Target Compounds						Qvalue
14) Allyl chloride	5.271	41	3578	1.539	ug/l #	20
16) Acetone	4.430	43	42184	55.420	ug/l	99
18) Methyl Acetate	5.042	43	2403	1.276	ug/l #	64
20) Methylene Chloride	5.277	84	121332	54.488	ug/l	96
25) 2-Butanone	7.488	43	4139	3.768	ug/l	97
31) Cyclohexane	8.230	56	3676	1.184	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14282	4.528	ug/l #	48
38) Carbon Tetrachloride	8.224	117	18433	4.444	ug/l #	17
43) Isopropyl Acetate	8.688	43	29712	5.152	ug/l #	68
45) 1,2-Dichloropropane	9.735	63	842	0.374	ug/l #	44
48) Methyl methacrylate	9.741	41	64468	33.878	ug/l #	32
51) 4-Methyl-2-Pentanone	10.447	43	6967	2.739	ug/l #	59
54) cis-1,3-Dichloropropene	10.359	75	26451	6.974	ug/l #	66
56) Ethyl methacrylate	10.982	69	548	0.375	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	2730	0.693	ug/l #	42
59) 2-Hexanone	11.200	43	40750	21.995	ug/l #	42
74) N-amyl acetate	12.459	43	1931	0.685	ug/l #	37
76) 1,2,3-Trichloropropane	12.847	75	63150	22.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63150	60.463	ug/l #	16

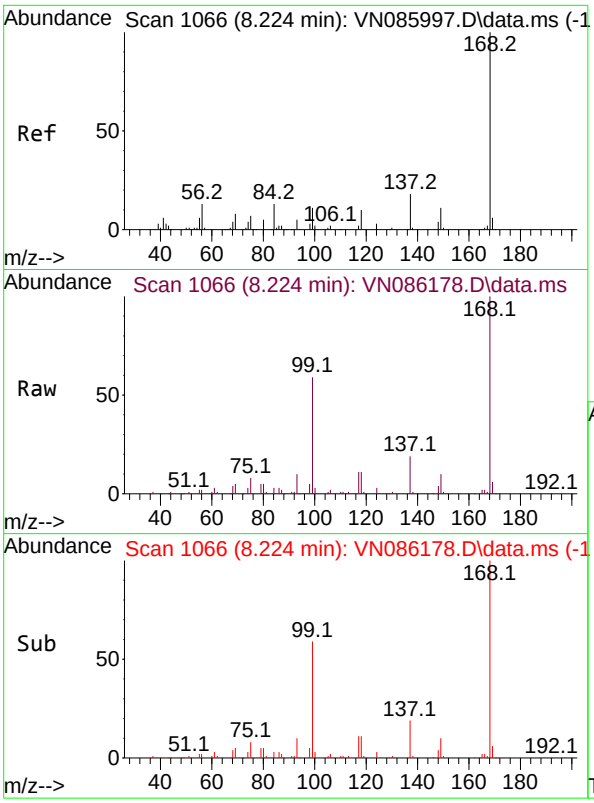
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
Data File : VN086178.D
Acq On : 31 Mar 2025 18:39
Operator : JC\MD
Sample : PB167374ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Quant Time: Apr 01 01:39:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration



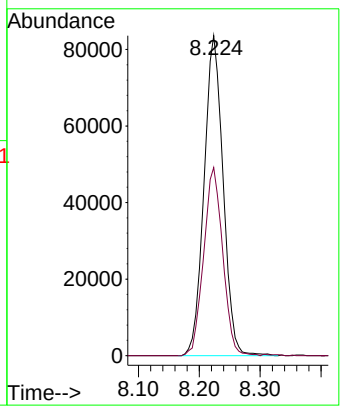


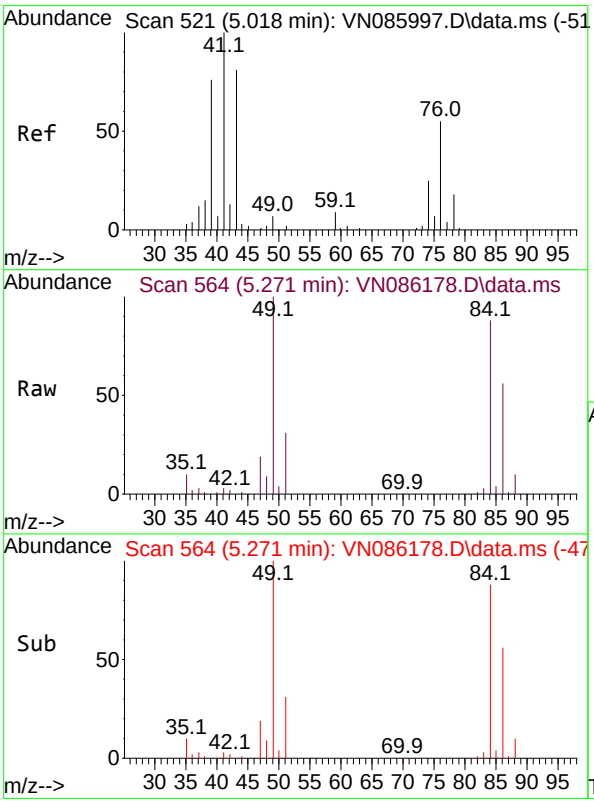
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion:168 Resp: 181948

Ion	Ratio	Lower	Upper
168	100		
99	58.8	49.4	74.2

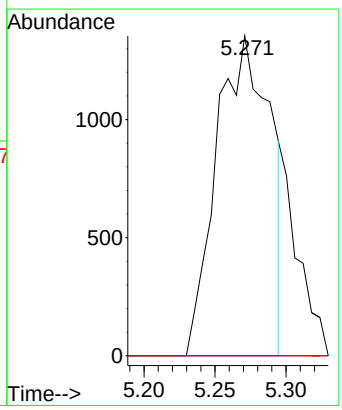


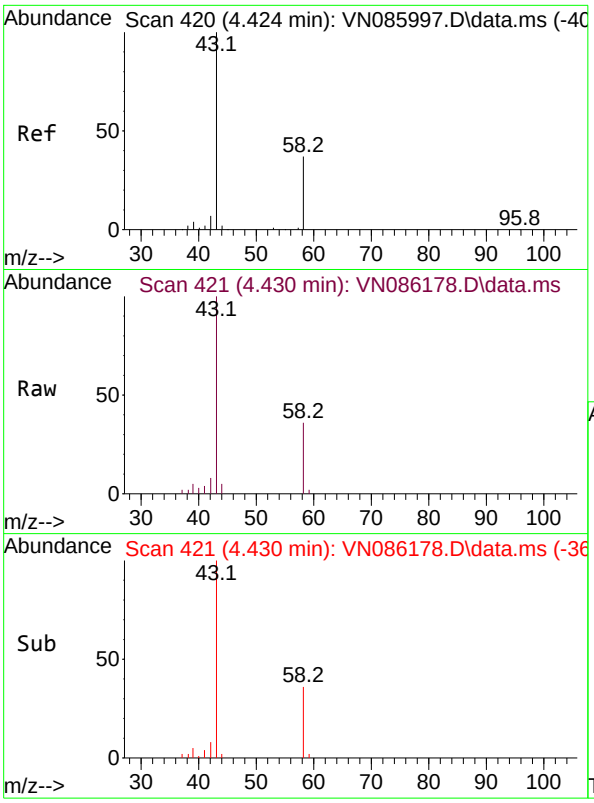


#14
Allyl chloride
Concen: 1.539 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.253 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 41 Resp: 3578

Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.5	83.3#
76	0.0	39.1	58.7#



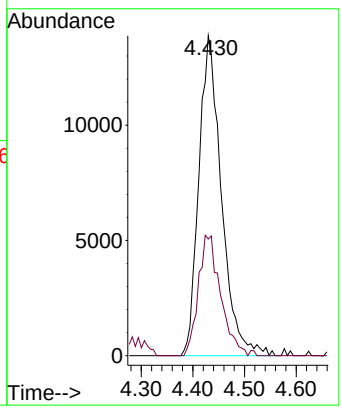


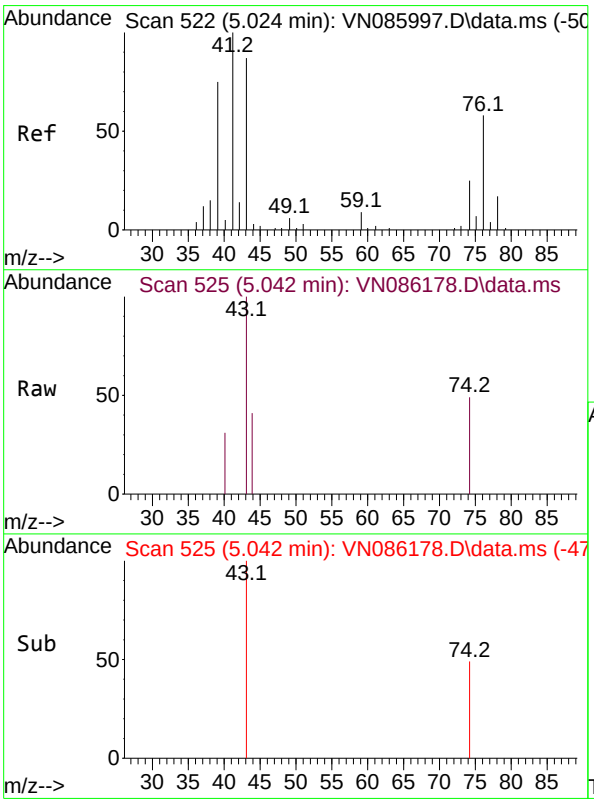
#16
Acetone
Concen: 55.420 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 43 Resp: 42184

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.4	44.2

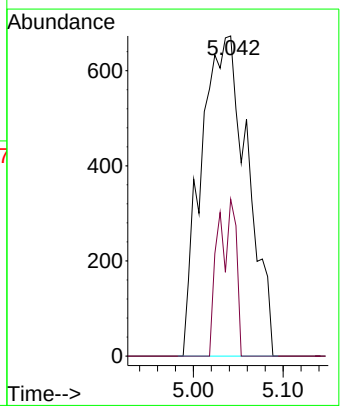


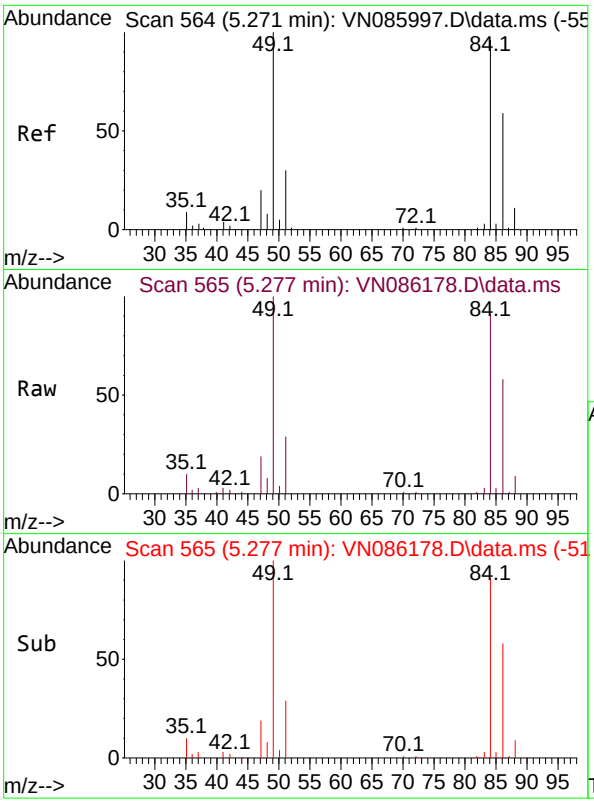


#18
Methyl Acetate
Concen: 1.276 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 43 Resp: 2403

Ion	Ratio	Lower	Upper
43	100		
74	10.2	23.9	35.9#



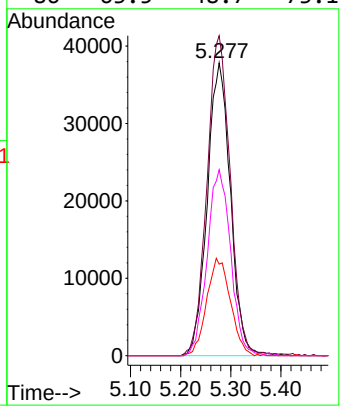


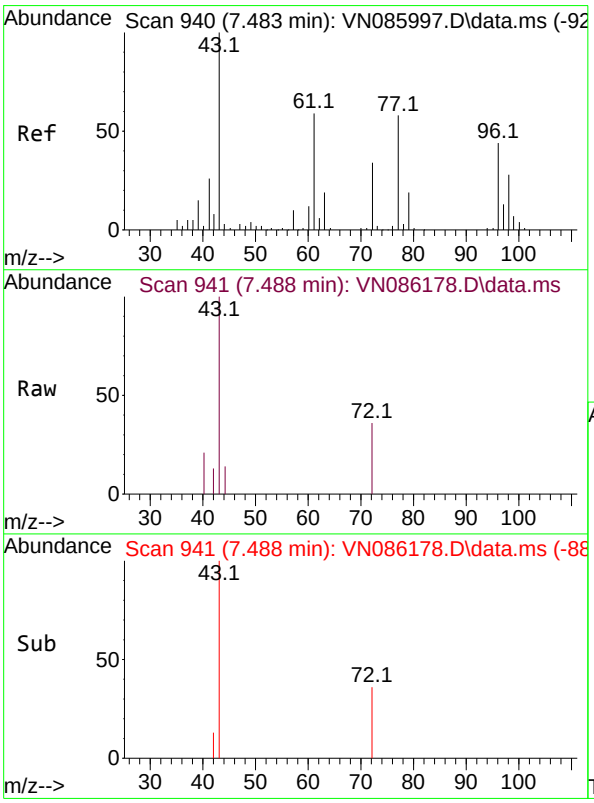
#20
Methylene Chloride
Concen: 54.488 ug/l
RT: 5.277 min Scan# 5
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 84 Resp: 121332

Ion	Ratio	Lower	Upper
84	100		
49	109.3	83.3	124.9
51	31.3	24.8	37.2
86	63.5	48.7	73.1

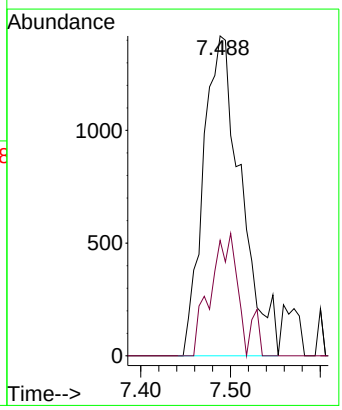


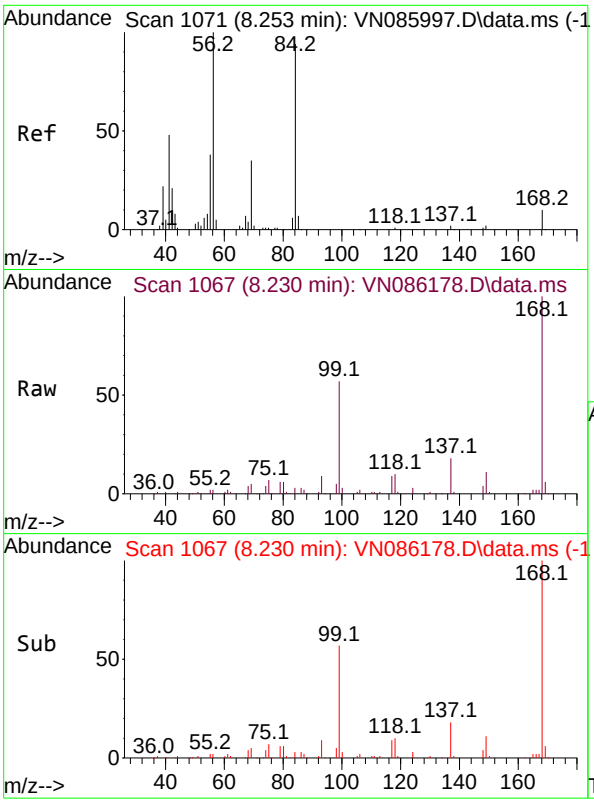


#25
2-Butanone
Concen: 3.768 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 43 Resp: 4139

Ion	Ratio	Lower	Upper
43	100		
72	36.1	27.4	41.0



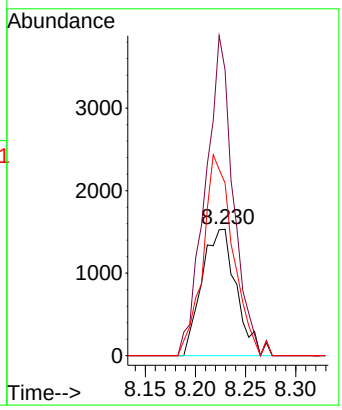


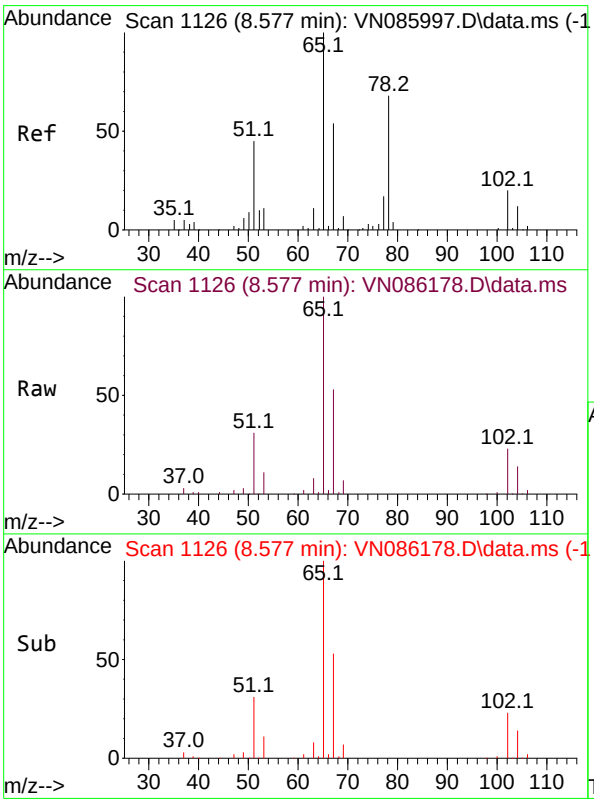
#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 56 Resp: 3676

Ion	Ratio	Lower	Upper
56	100		
69	225.8	28.0	42.0#
84	136.5	75.0	112.6#

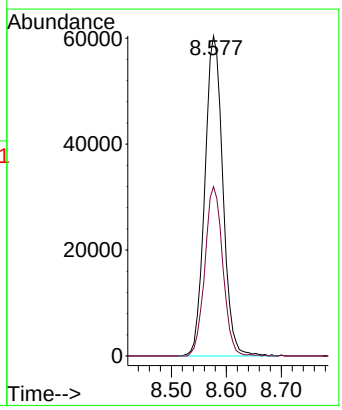


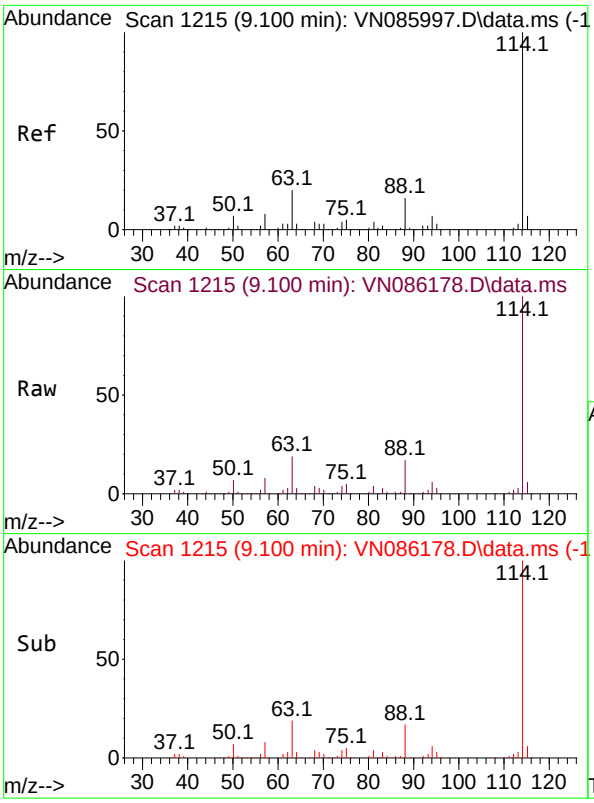


#33
1,2-Dichloroethane-d4
Concen: 55.110 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 65 Resp: 137306

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	102.2



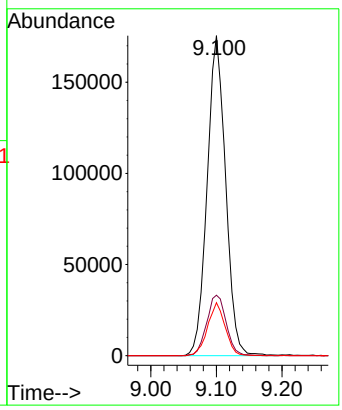


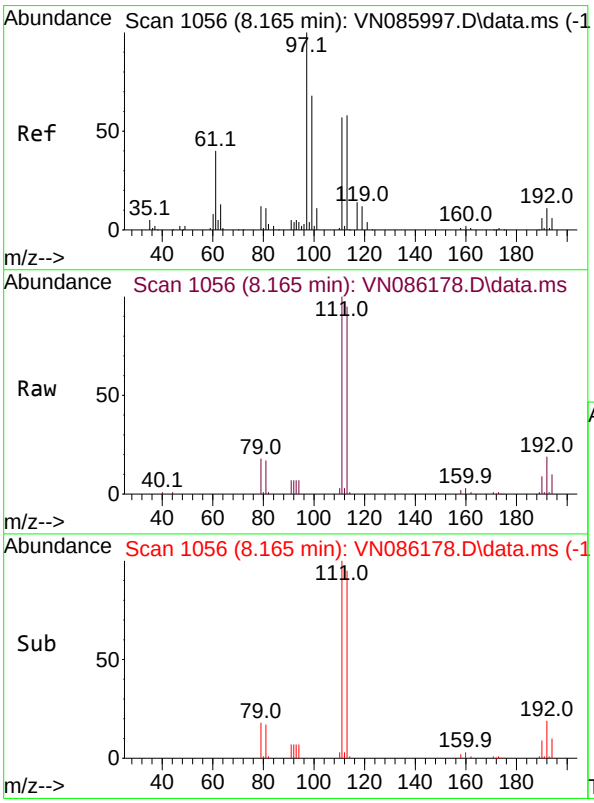
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion:114 Resp: 343213

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.6
88	16.6	0.0	32.6

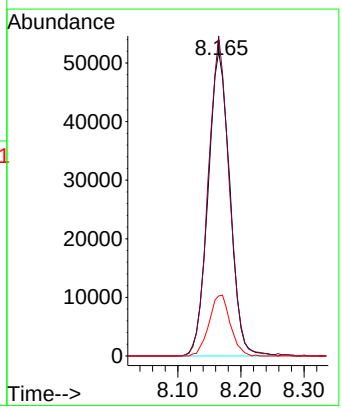


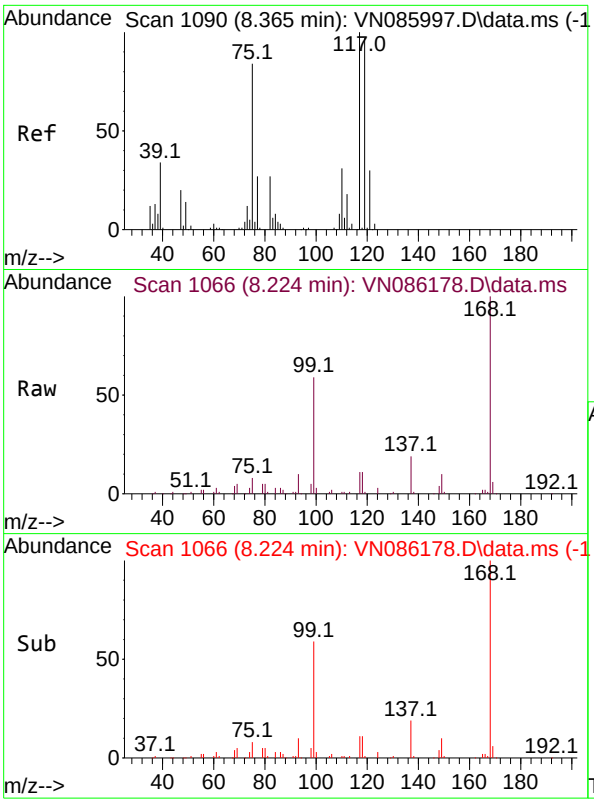


#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion:113 Resp: 124054

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	19.6	15.9	23.9



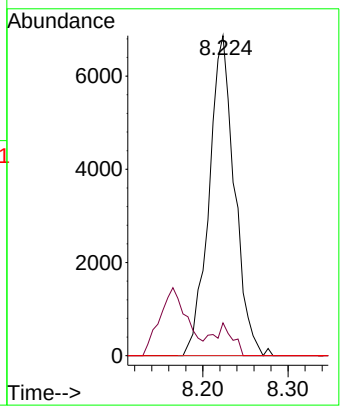


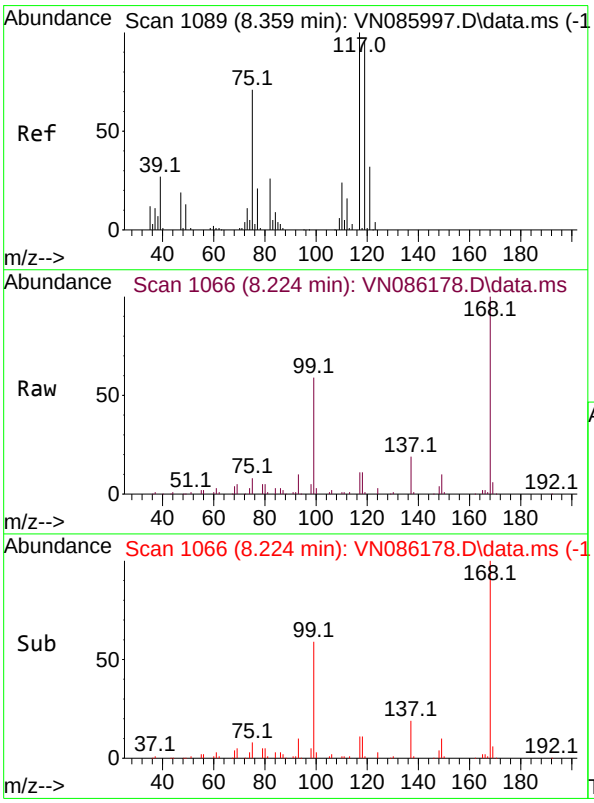
#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 75 Resp: 14282

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.8	53.3#
77	0.0	25.0	37.4#

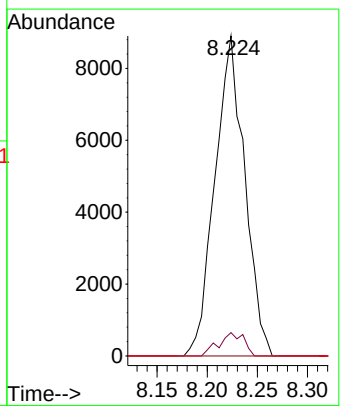


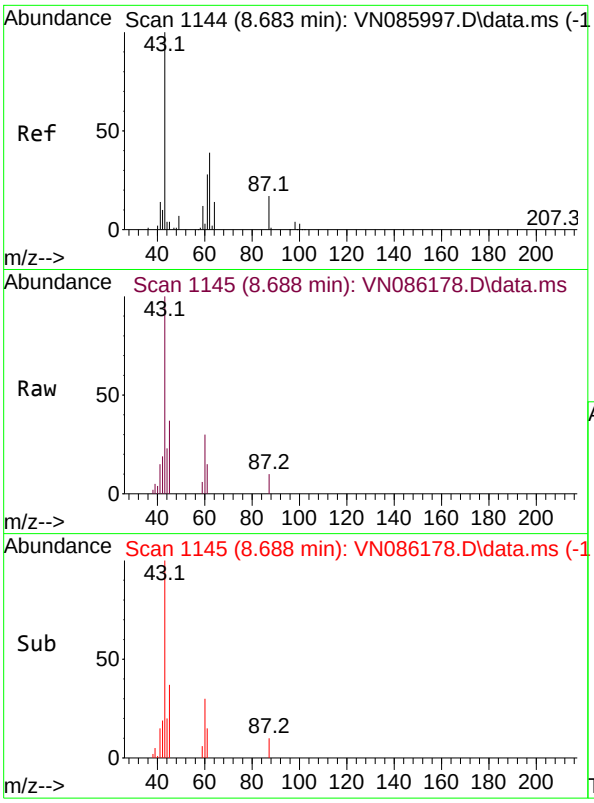


#38
Carbon Tetrachloride
Concen: 4.444 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion:117 Resp: 18433

Ion	Ratio	Lower	Upper
117	100		
119	7.3	77.0	115.4#
121	0.0	25.6	38.4#



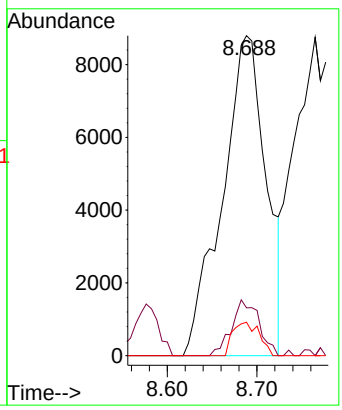


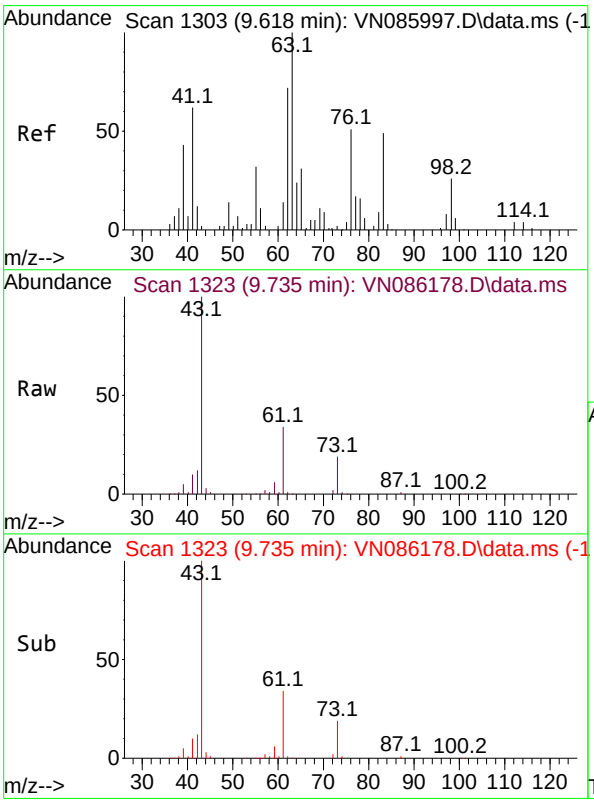
#43
Isopropyl Acetate
Concen: 5.152 ug/l
RT: 8.688 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 43 Resp: 29712

Ion	Ratio	Lower	Upper
43	100		
61	11.0	25.0	37.6#
87	6.3	13.0	19.4#

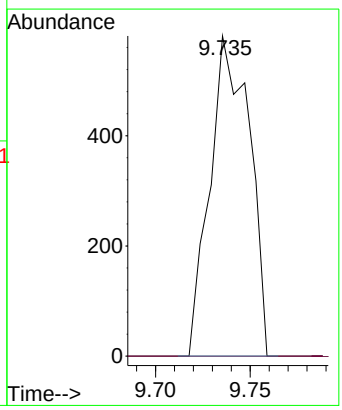


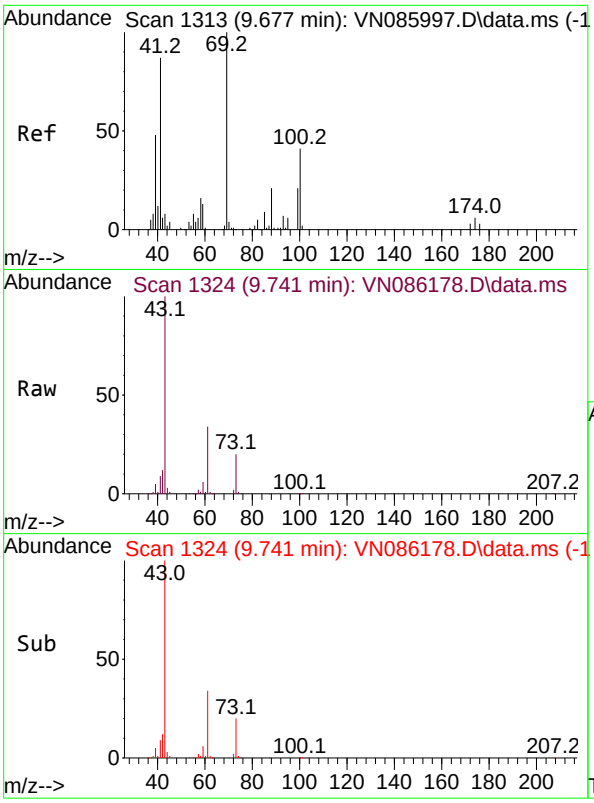


#45
1,2-Dichloropropane
Concen: 0.374 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.117 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 63 Resp: 842

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



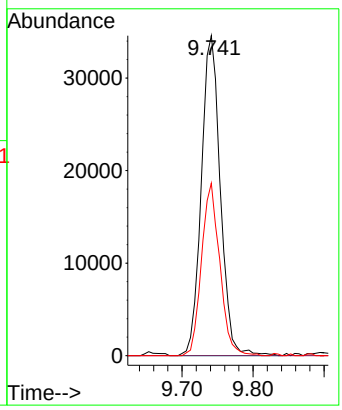


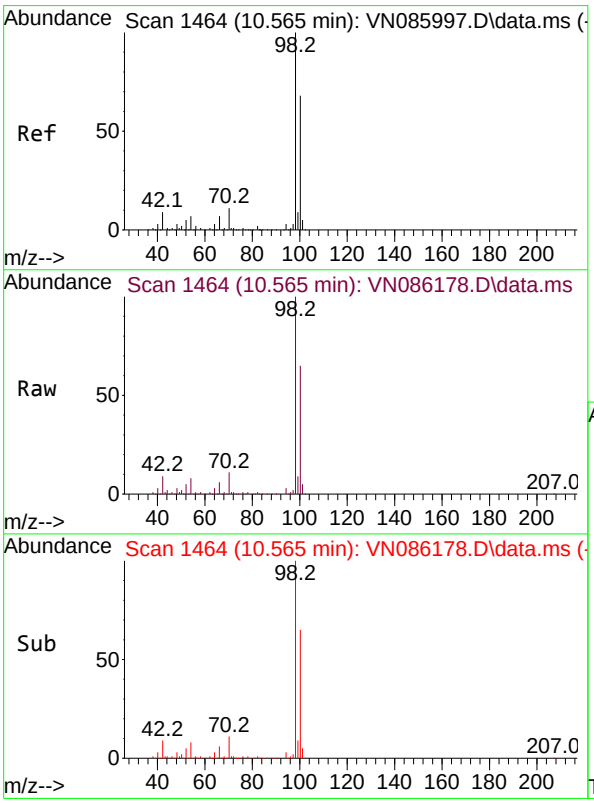
#48
Methyl methacrylate
Concen: 33.878 ug/l
RT: 9.741 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 41 Resp: 64468

Ion	Ratio	Lower	Upper
41	100		
69	0.0	83.1	124.7#
39	51.8	45.6	68.4

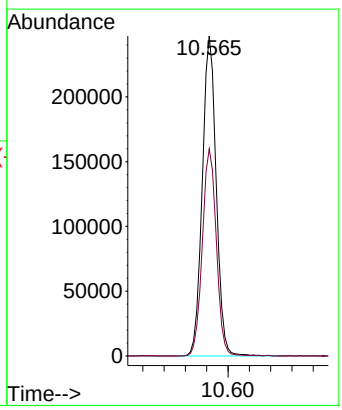


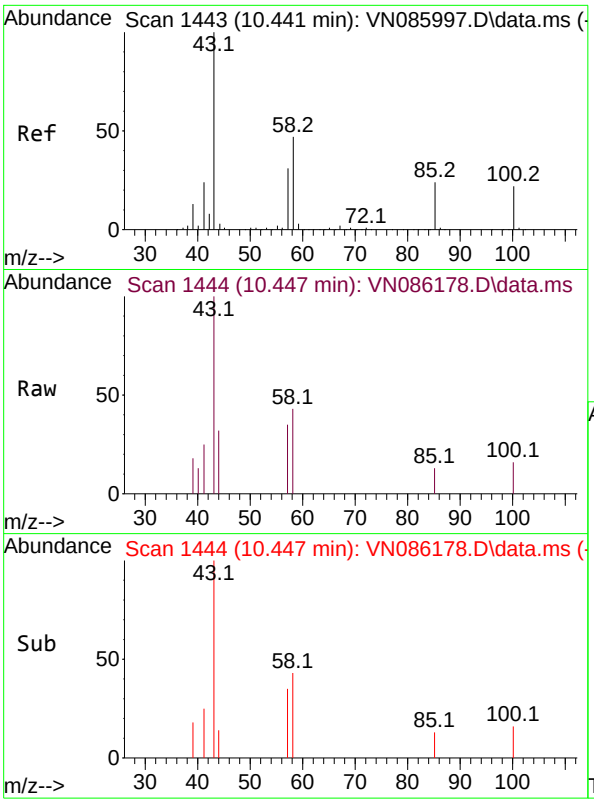


#50
Toluene-d8
Concen: 51.458 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 98 Resp: 447388

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7



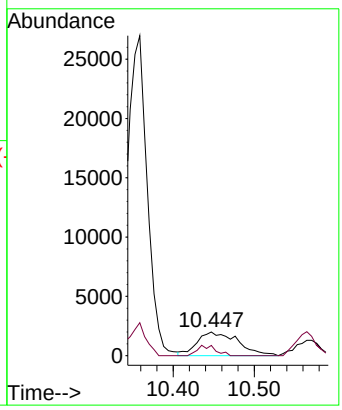


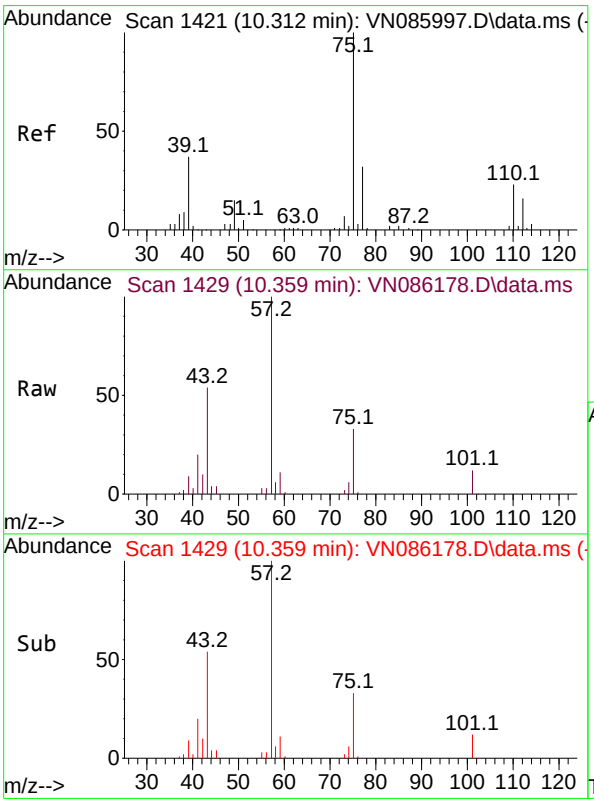
#51
4-Methyl-2-Pentanone
Concen: 2.739 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 43 Resp: 6967

Ion	Ratio	Lower	Upper
43	100		
58	19.7	37.4	56.0#

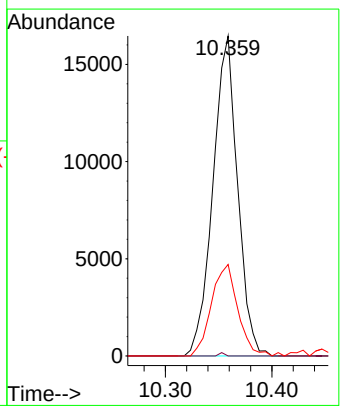


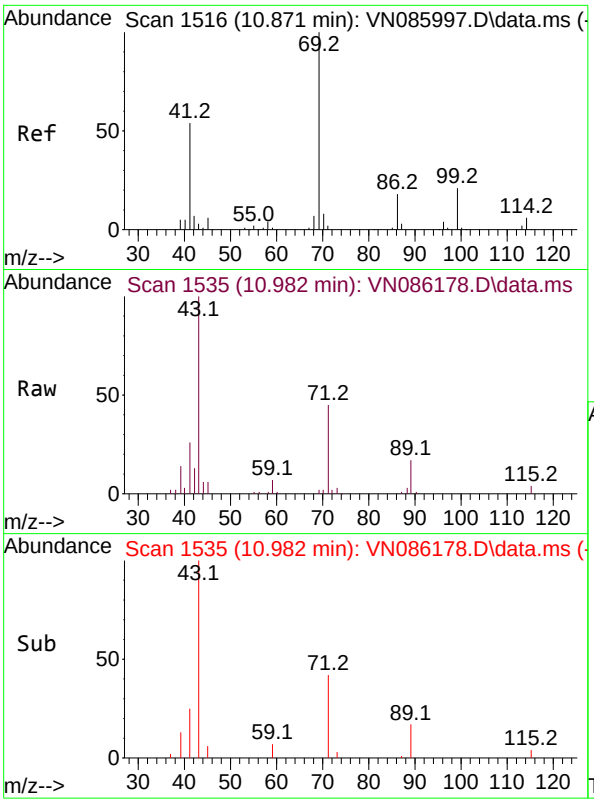


#54
cis-1,3-Dichloropropene
Concen: 6.974 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 75 Resp: 26451

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	28.6	29.6	44.4#



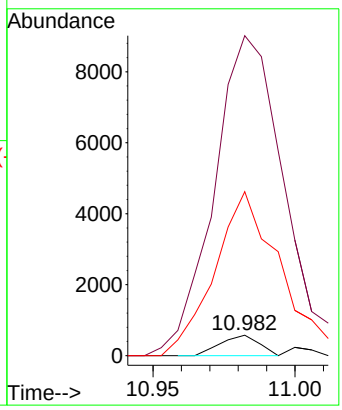


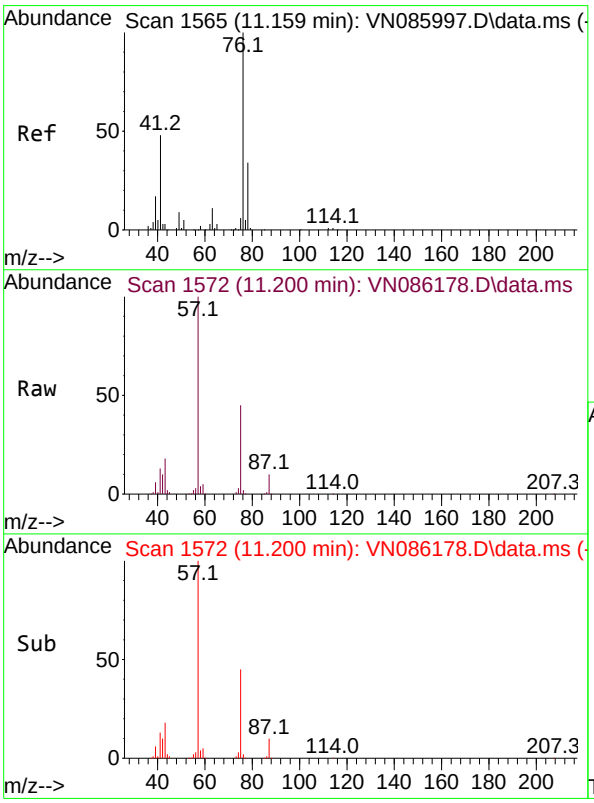
#56
Ethyl methacrylate
Concen: 0.375 ug/l
RT: 10.982 min Scan# 1
Delta R.T. 0.111 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 69 Resp: 548

Ion	Ratio	Lower	Upper
69	100		
41	2815.7	41.6	62.4#
39	1372.4	21.8	32.8#

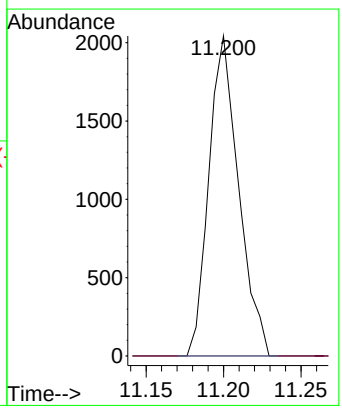


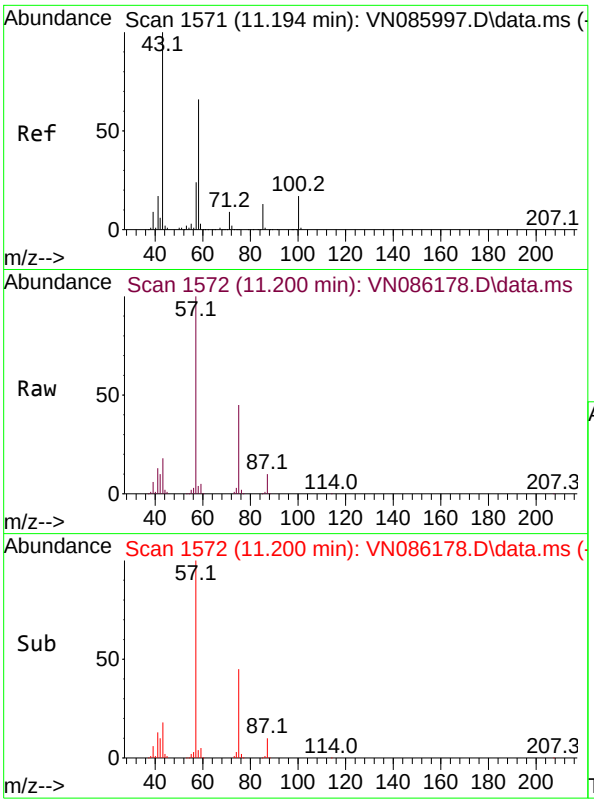


#57
1,3-Dichloropropane
Concen: 0.693 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 76 Resp: 2730

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



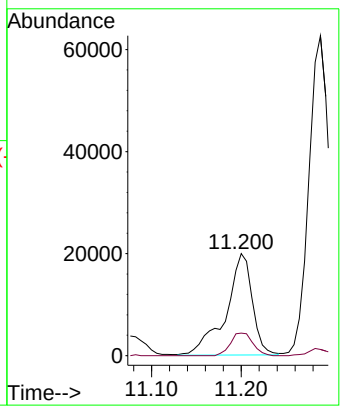


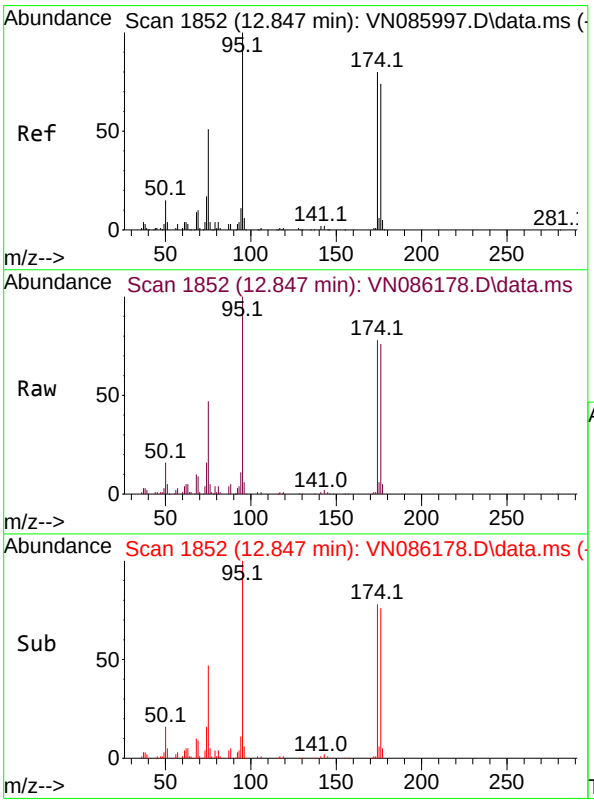
#59
2-Hexanone
Concen: 21.995 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 43 Resp: 40750

Ion	Ratio	Lower	Upper
43	100		
58	19.0	32.4	97.2#

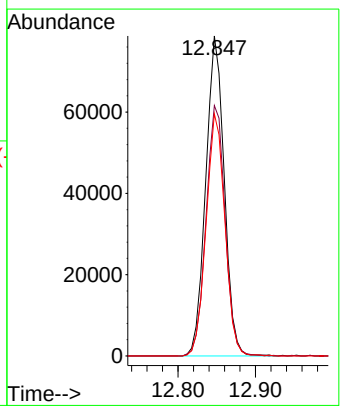


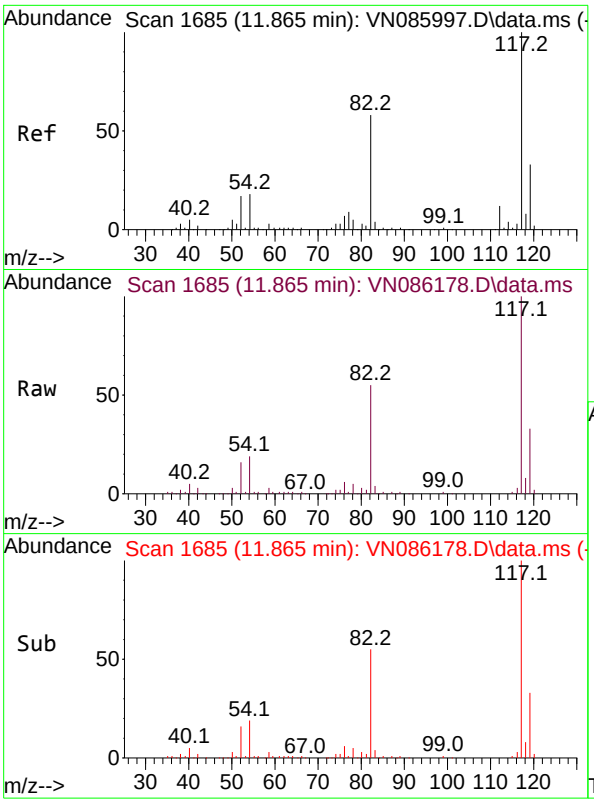


#62
4-Bromofluorobenzene
Concen: 42.051 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 95 Resp: 130386

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	156.8
176	76.9	0.0	152.2



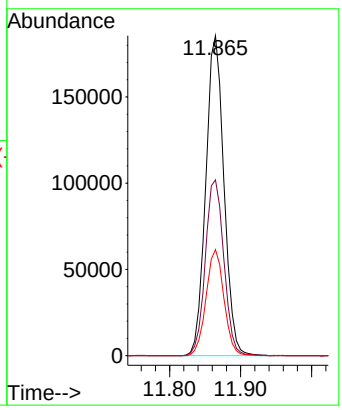


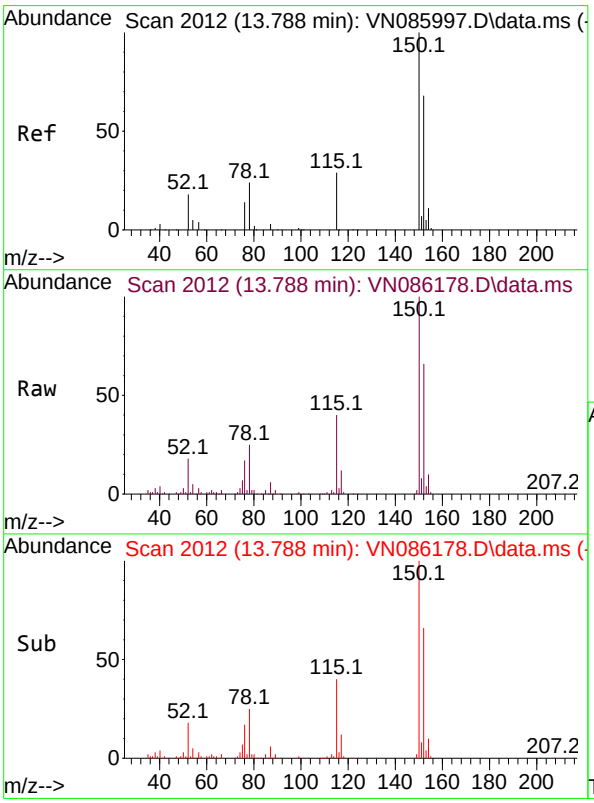
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion:117 Resp: 330122

Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.7	70.1
119	33.1	26.5	39.7

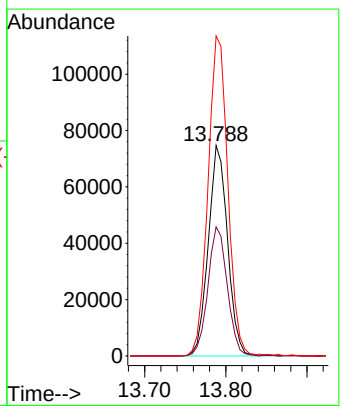


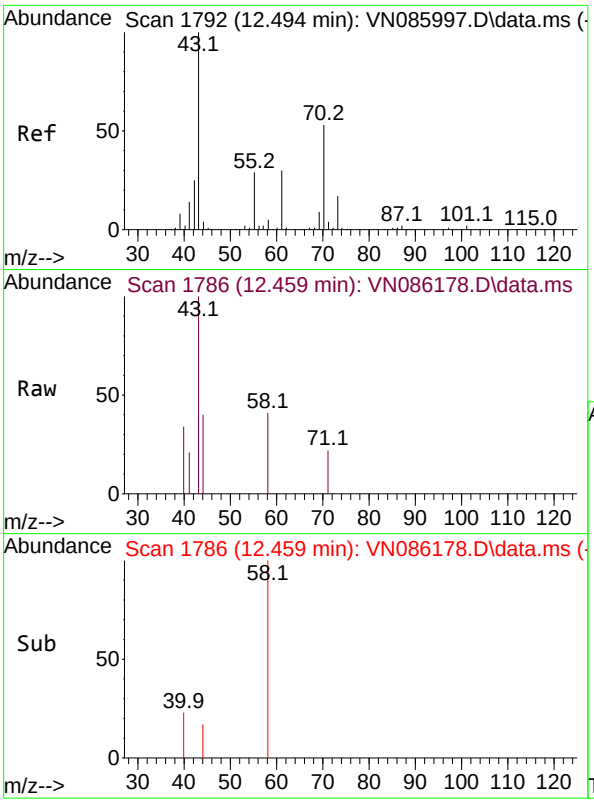


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion:152 Resp: 123339

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.1	93.2
150	156.0	0.0	359.6



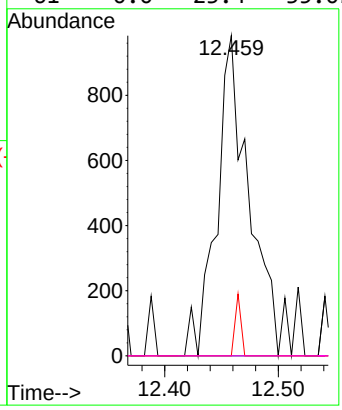


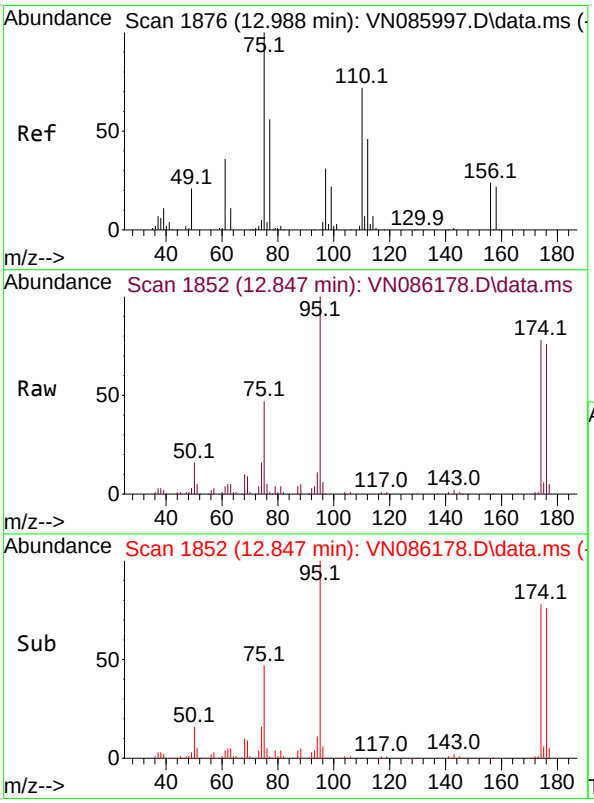
#74
N-amyl acetate
Concen: 0.685 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.036 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 43 Resp: 1931

Ion	Ratio	Lower	Upper
43	100		
70	0.0	43.0	64.4#
55	3.5	23.8	35.8#
61	0.0	23.4	35.0#

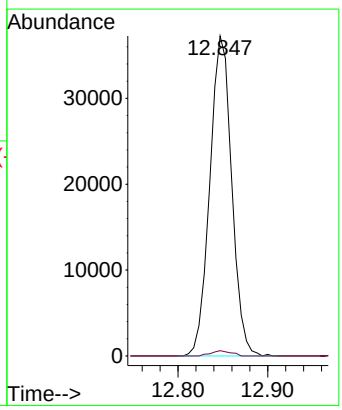


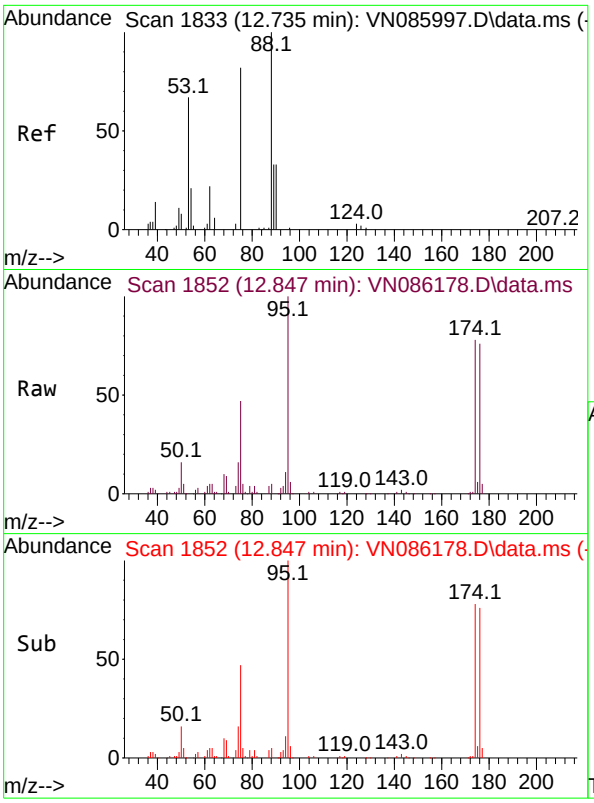


#76
1,2,3-Trichloropropane
Concen: 22.869 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Tgt Ion: 75 Resp: 63150

Ion	Ratio	Lower	Upper
75	100		
77	1.5	83.7	251.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.463 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN086178.D
Acq: 31 Mar 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#02

Tgt Ion: 75 Resp: 63150

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.0	99.0#
89	0.0	36.9	55.3#