Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085150.D
Acq On : 09 Dec 2024 14:10
Operator : JC\MD
Sample : P5096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 10 05:01:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	144738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107246	52.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	8.165	113	86697	49.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	10.565	98	316499	49.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.847	95	112572	47.474	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.940%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	531	0.280	ug/l #	40
5) Bromomethane	2.959	94	486	0.508	ug/l #	77
6) Chloroethane	3.083	64	419	0.364	ug/l #	44
10) Methyl Iodide	4.601	142	746	0.342	ug/l #	39
11) Tert butyl alcohol	5.530	59	218	0.791	ug/l #	75
16) Acetone	4.430	43	43304	72.120	ug/l	99
18) Methyl Acetate	5.048	43	1769	Below Cal	#	50
20) Methylene Chloride	5.283	84	1776	0.969	ug/l #	87
25) 2-Butanone	7.477	43	3568	3.635	ug/l #	72
29) Tetrahydrofuran	7.853	42	271	0.444	ug/l #	31
31) Cyclohexane	8.218	56	2928	1.066	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11909	4.969	ug/l #	50
37) Ethyl Acetate	7.565	43	2653	1.218	ug/l #	75
38) Carbon Tetrachloride	8.230	117	15275	5.522	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	765	0.295	ug/l #	75
43) Isopropyl Acetate	8.688	43	175072	38.686	ug/l #	80
45) 1,2-Dichloropropane	9.735	63	1223	0.655	ug/l #	45
48) Methyl methacrylate	9.671	41	3141	1.865	ug/l #	38
51) 4-Methyl-2-Pentanone	10.441	43	5225	2.528	ug/l	93
53) t-1,3-Dichloropropene	10.730	75	660	0.239	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	38468	13.155	ug/l #	63
56) Ethyl methacrylate	10.977	69	1293	0.529	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5288	1.798	ug/l #	42
59) 2-Hexanone	11.200	43	60792	39.324	ug/l #	55
71) Bromoform	12.841	173	502	0.354	ug/l #	29
74) N-amyl acetate	12.459	43	855	0.303	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	60142	34.049	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60142	75.165	ug/l #	10

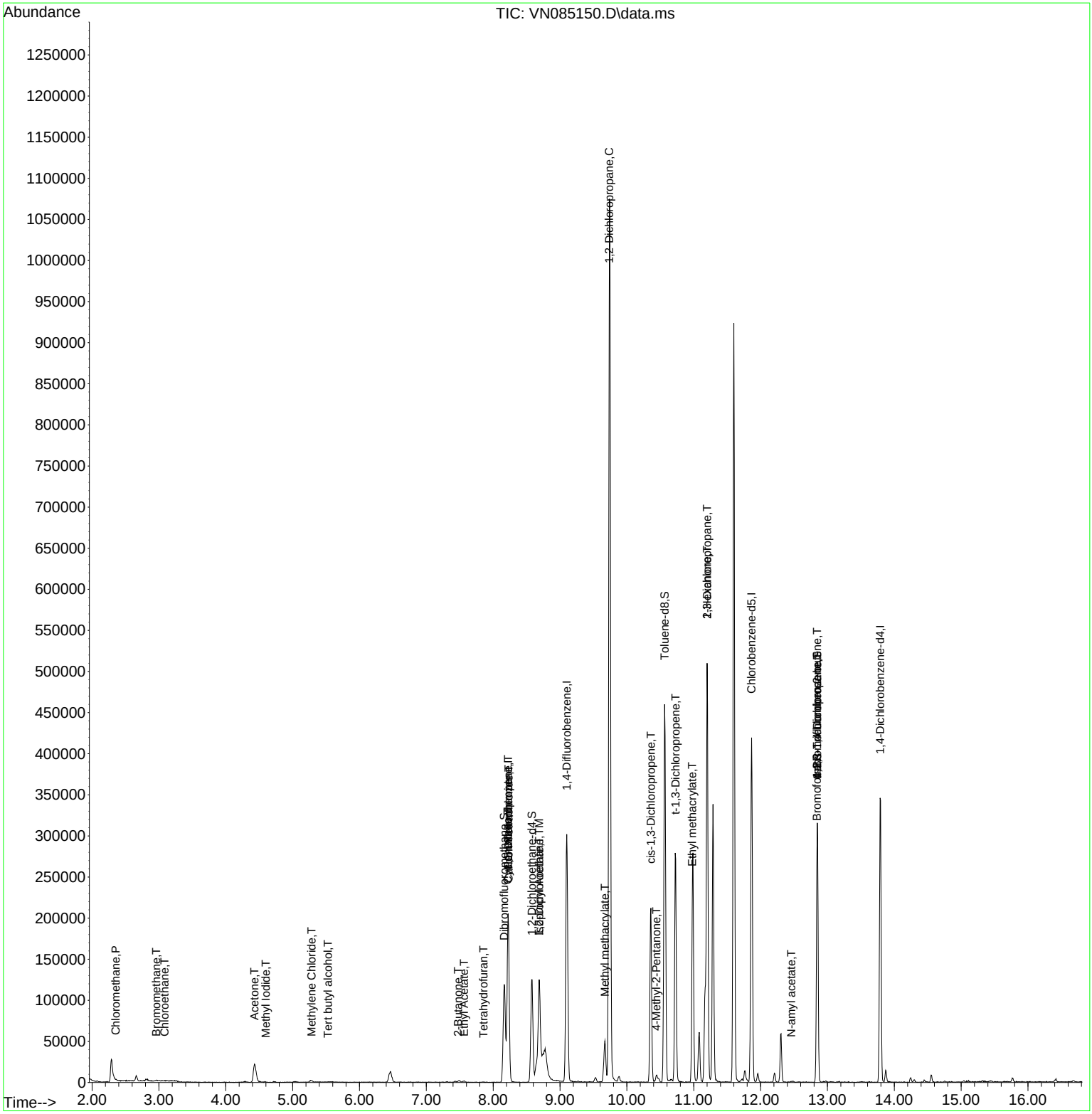
(#) = qualifier out of range (m) = manual integration (+) = signals summed

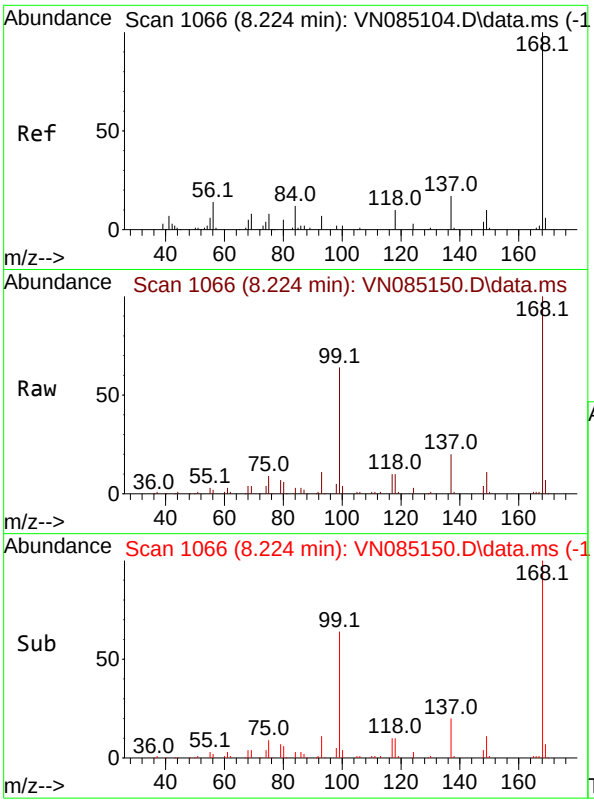
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085150.D
Acq On : 09 Dec 2024 14:10
Operator : JC\MD
Sample : P5096-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 10 05:01:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



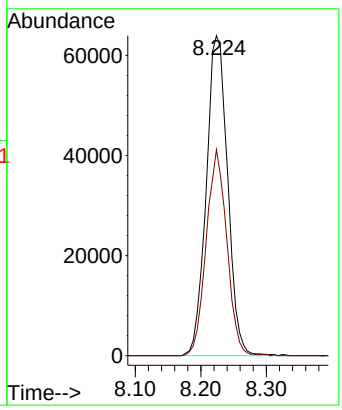


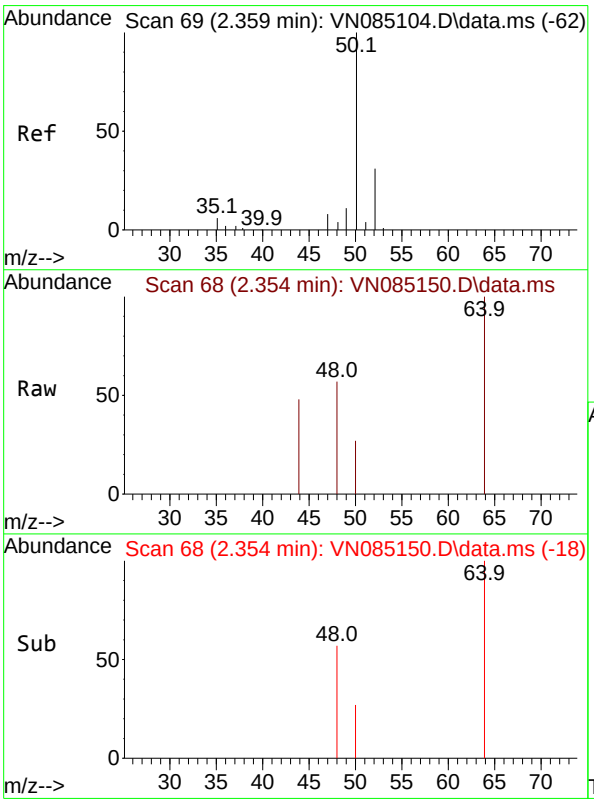
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 144738

Ion	Ratio	Lower	Upper
168	100		
99	64.4	51.2	76.8

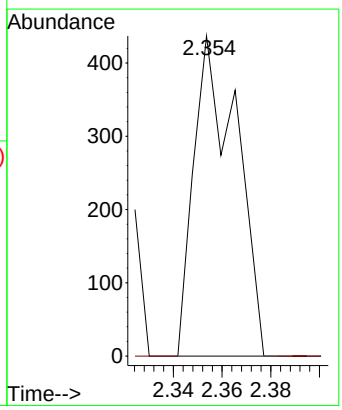


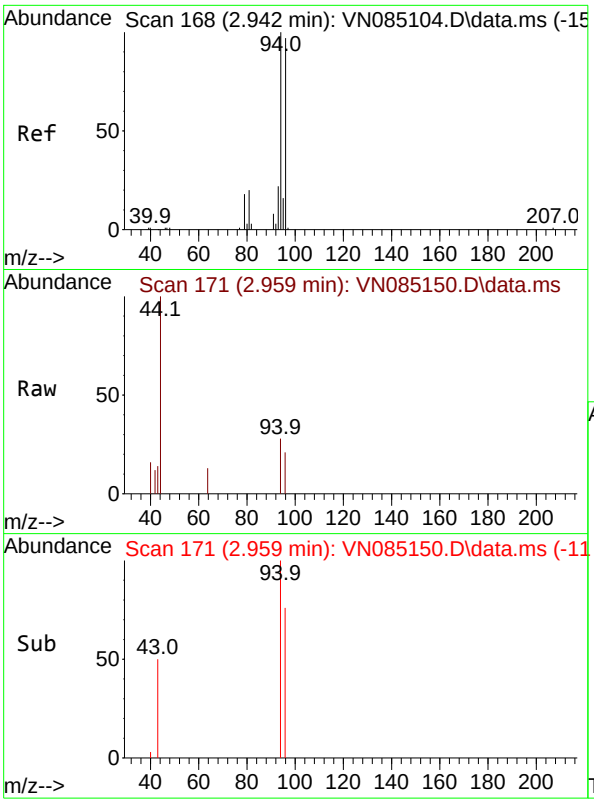


#3
Chloromethane
Concen: 0.280 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 50 Resp: 531

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.8#



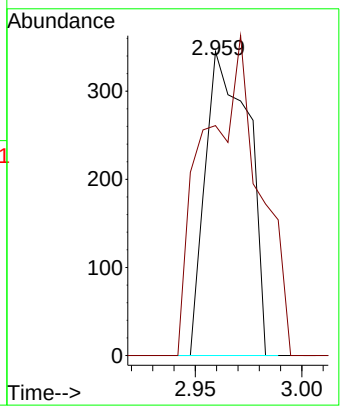


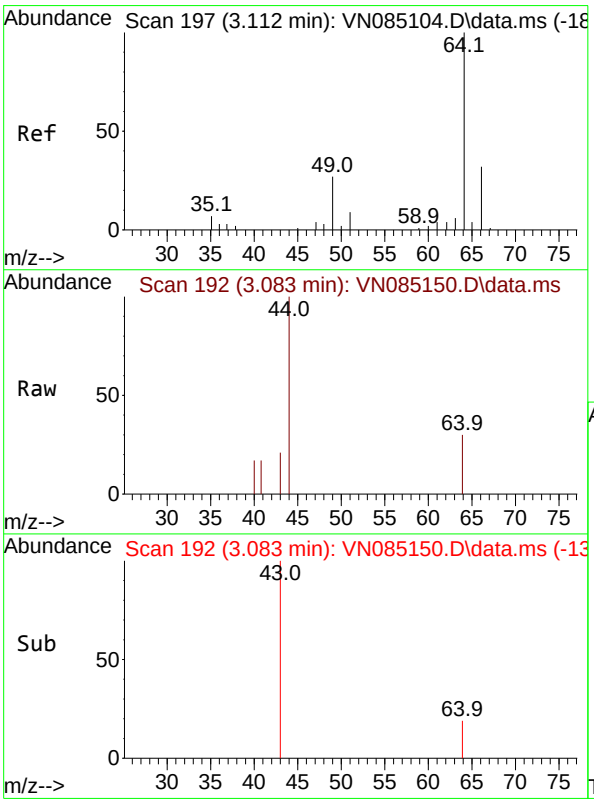
#5
Bromomethane
Concen: 0.508 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.059 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 486

Ion	Ratio	Lower	Upper
94	100		
96	75.7	78.7	118.1#

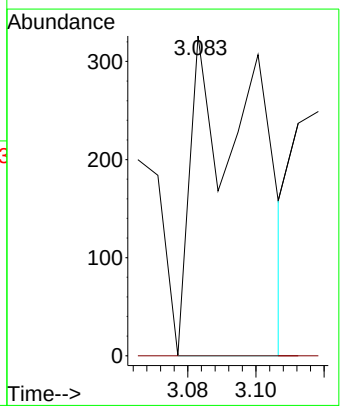


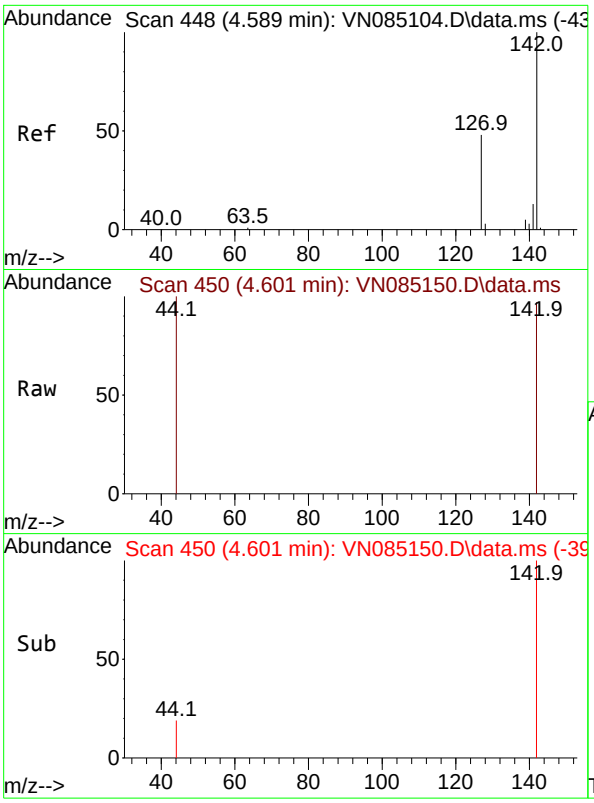


#6
Chloroethane
Concen: 0.364 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.018 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 64 Resp: 419

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.4	36.6#



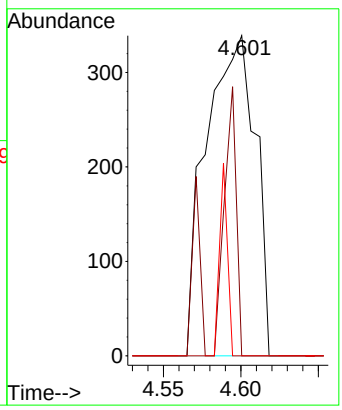


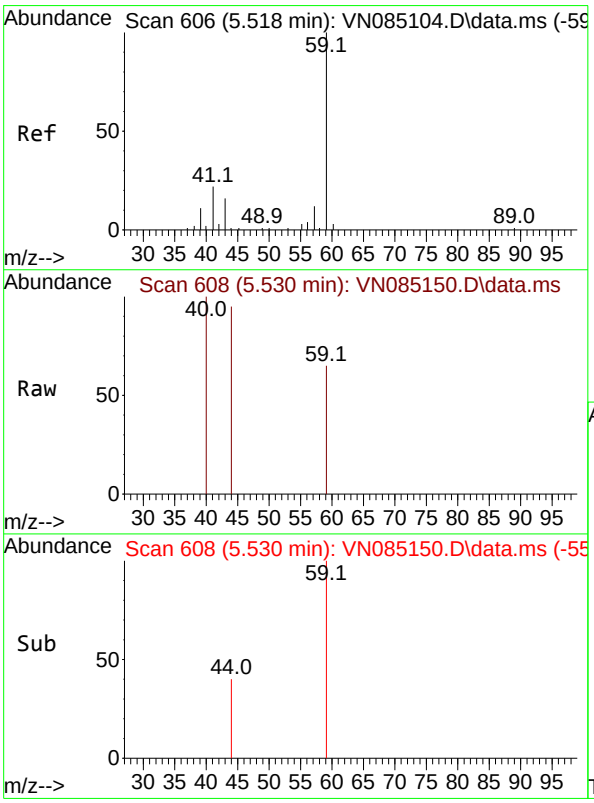
#10
Methyl Iodide
Concen: 0.342 ug/l
RT: 4.601 min Scan# 4
Delta R.T. 0.029 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:142 Resp: 746

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.6	54.8#
141	0.0	12.2	18.4#

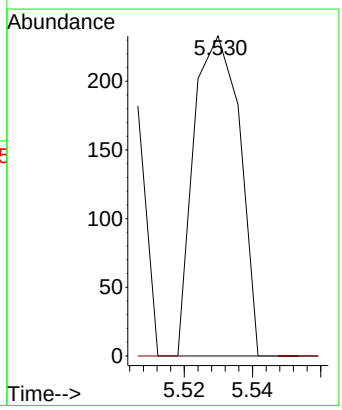


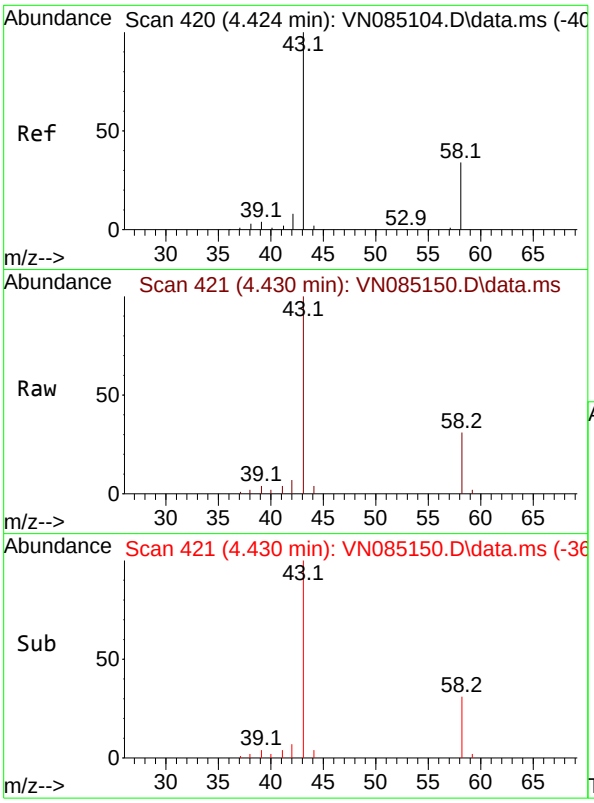


#11
Tert butyl alcohol
Concen: 0.791 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 59 Resp: 218

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.0#



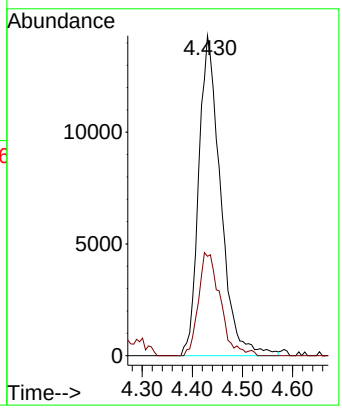


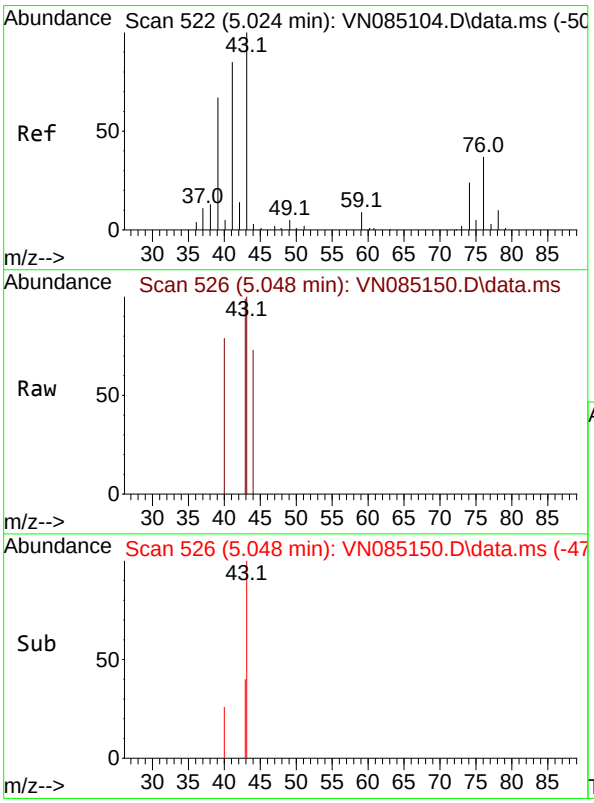
#16
Acetone
Concen: 72.120 ug/l
RT: 4.430 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 43304

Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.4	38.2

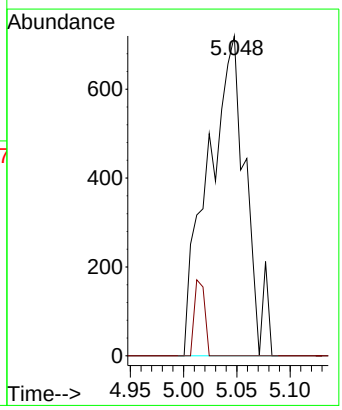


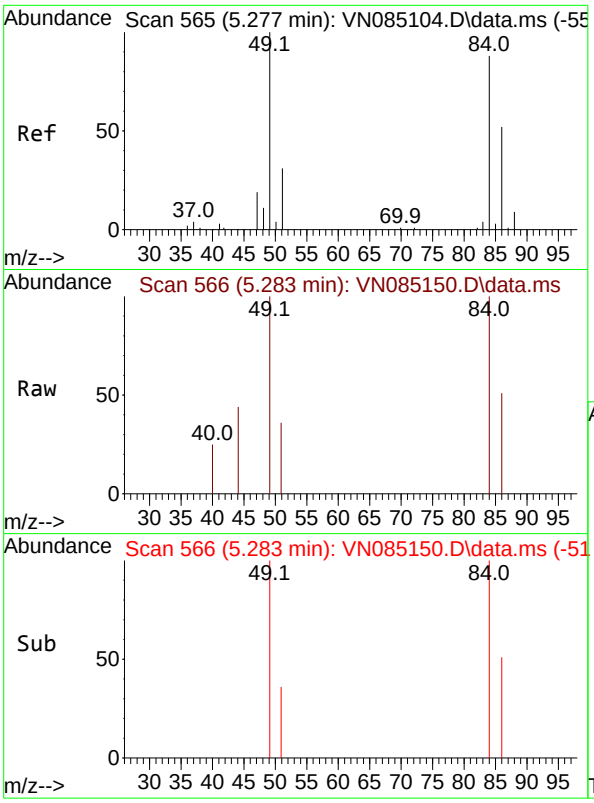


#18
Methyl Acetate
Concen: Below Cal
RT: 5.048 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 43 Resp: 1769

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#



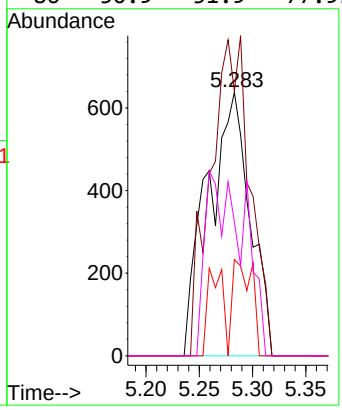


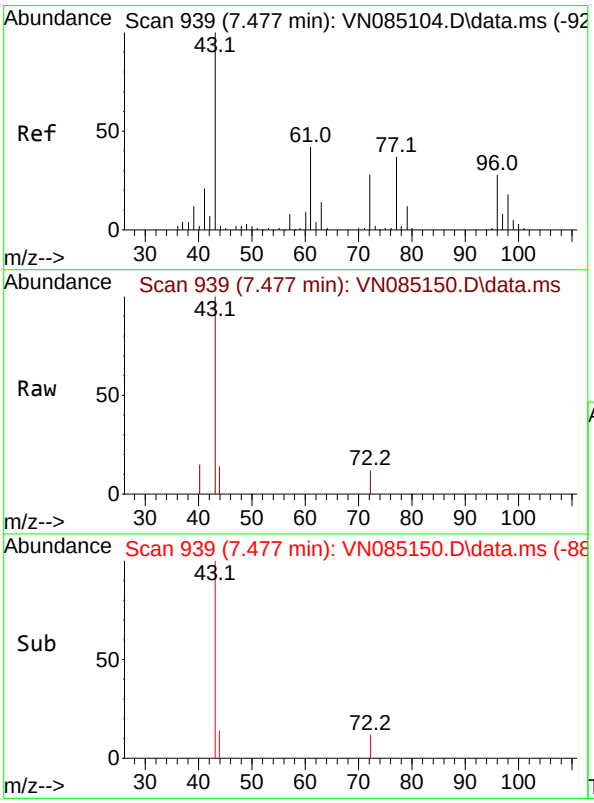
#20
Methylene Chloride
Concen: 0.969 ug/l
RT: 5.283 min Scan# 5
Delta R.T. 0.018 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1776

Ion	Ratio	Lower	Upper
84	100		
49	100.5	92.7	139.1
51	36.5	29.4	44.2
86	50.9	51.9	77.9#

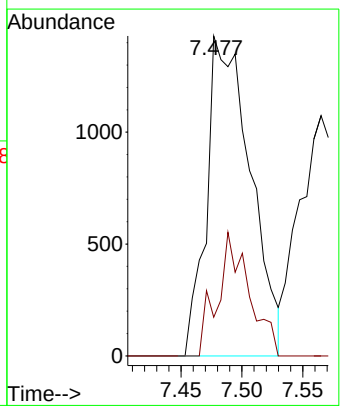


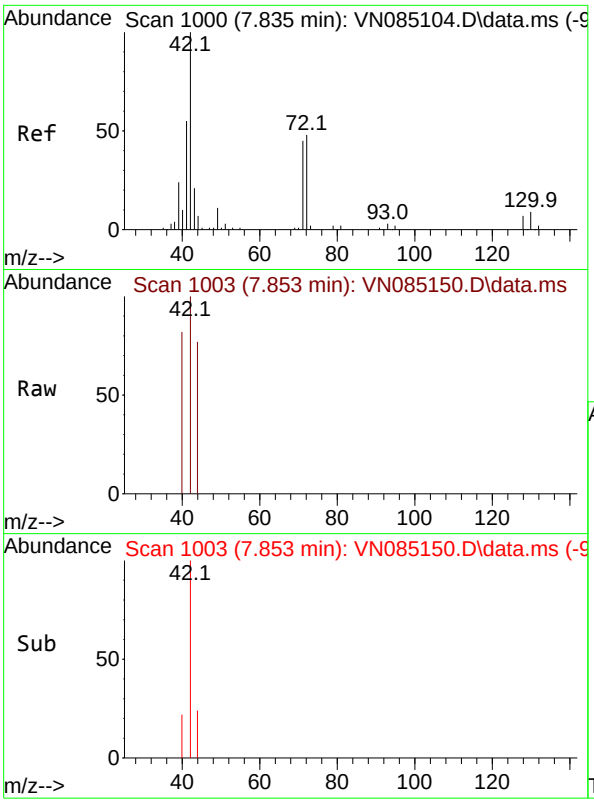


#25
2-Butanone
Concen: 3.635 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 43 Resp: 3568

Ion	Ratio	Lower	Upper
43	100		
72	12.1	21.4	32.0#



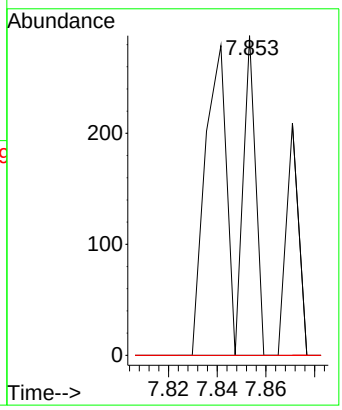


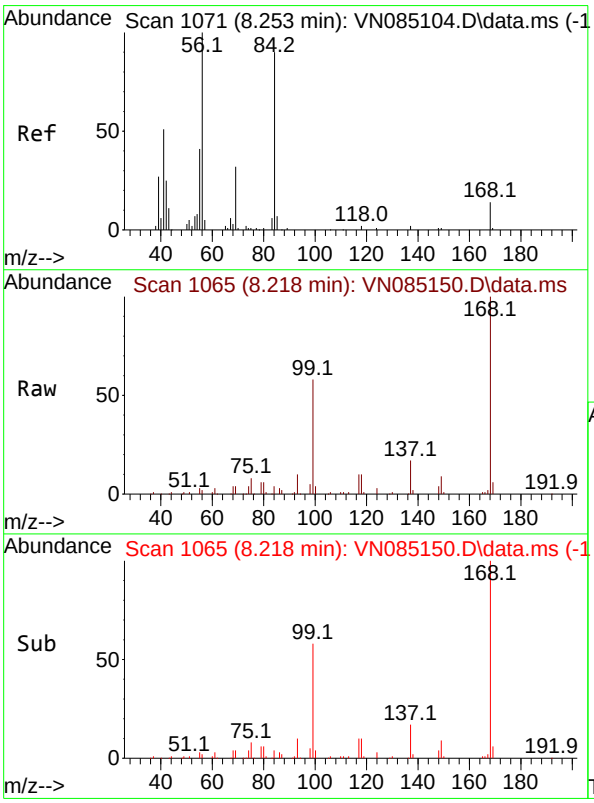
#29
Tetrahydrofuran
Concen: 0.444 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 271

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	0.0	35.0	52.4#

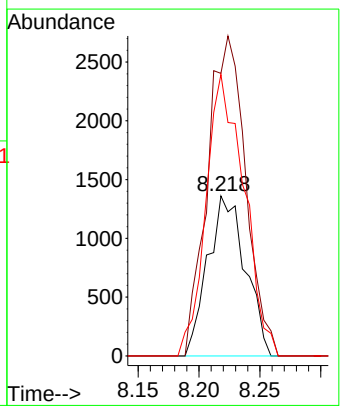


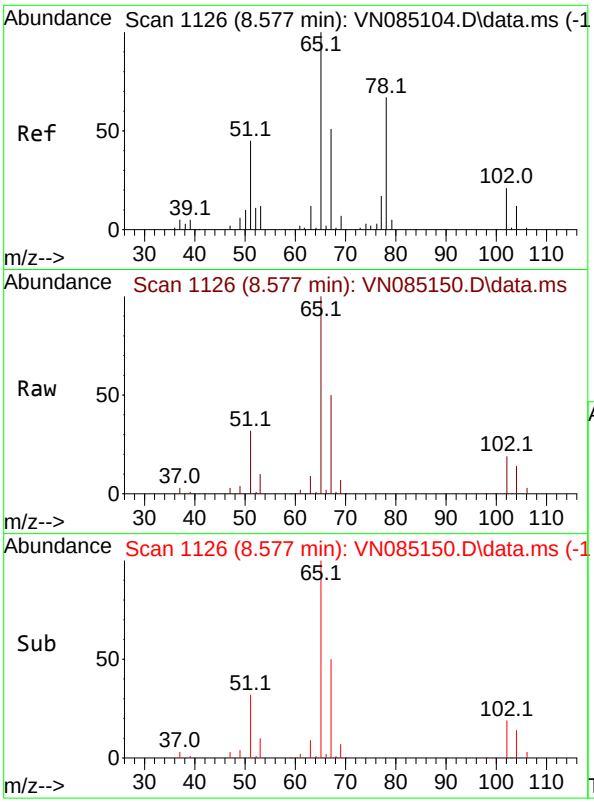


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 56 Resp: 2928

Ion	Ratio	Lower	Upper
56	100		
69	176.6	24.6	36.8#
84	175.9	71.4	107.2#



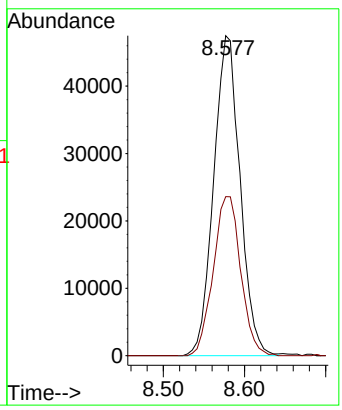


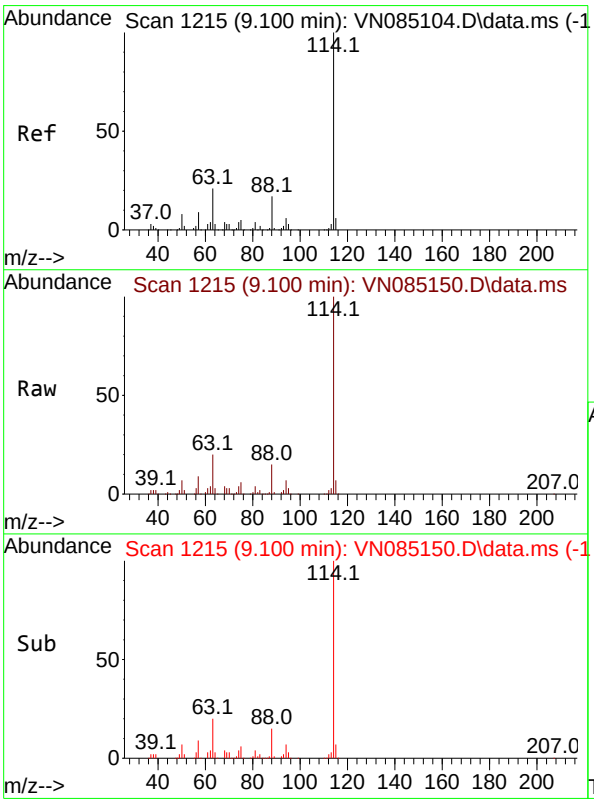
#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 107246

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0

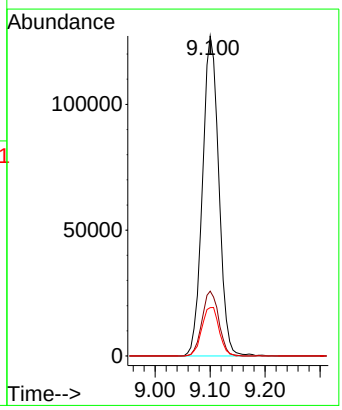


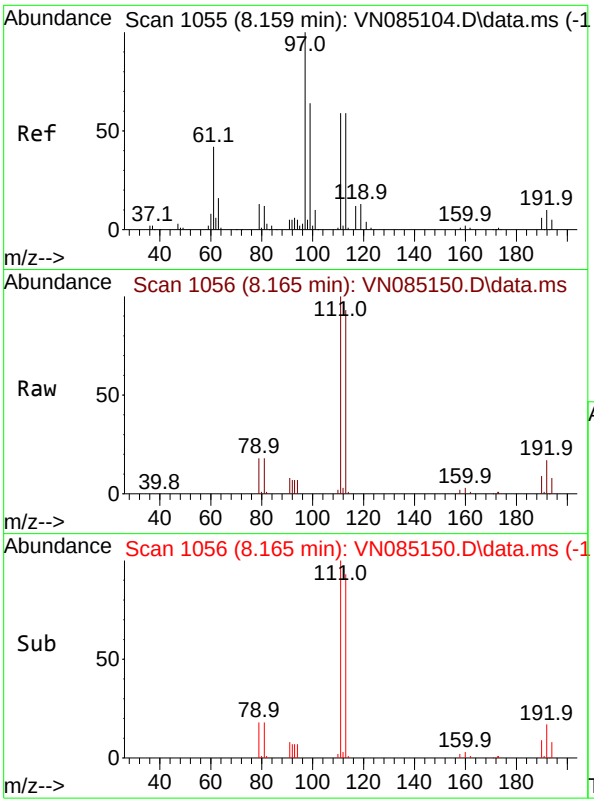


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion:114 Resp: 262363

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.1	0.0	34.8



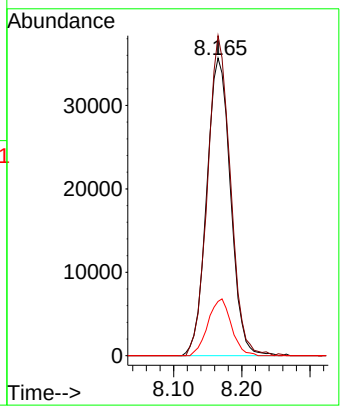


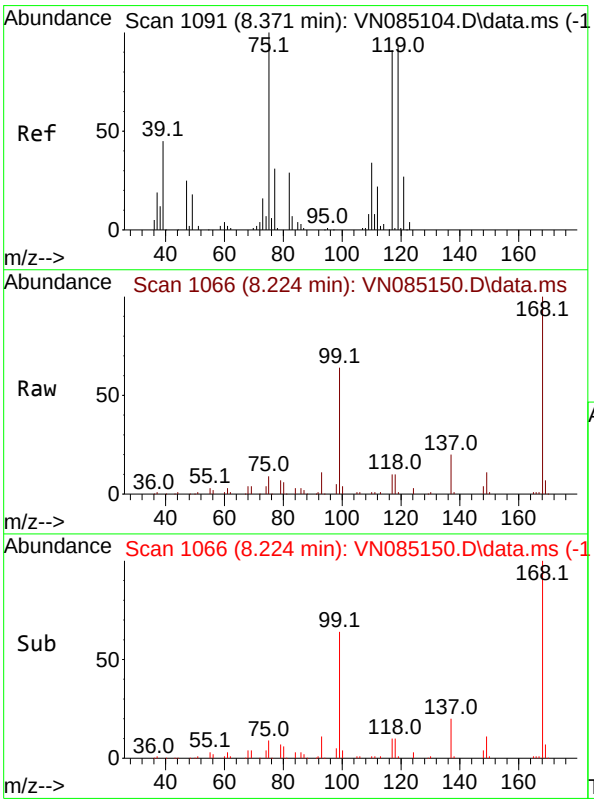
#35
Dibromofluoromethane
Concen: 49.001 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 86697

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	18.7	14.8	22.2

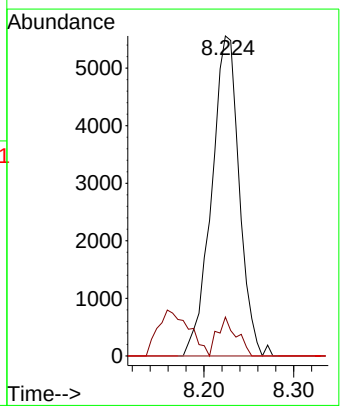


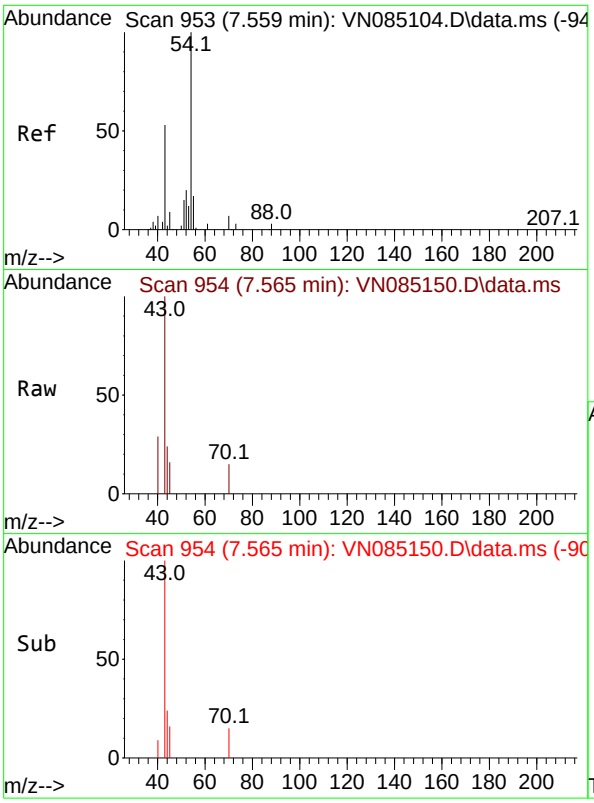


#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 75 Resp: 11909

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.2	51.6#
77	0.0	24.2	36.4#



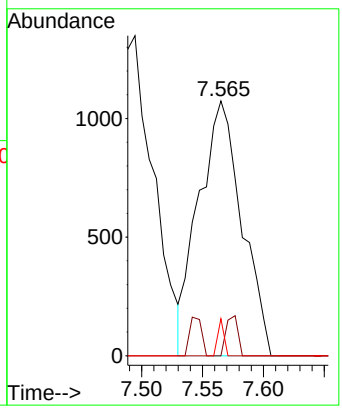


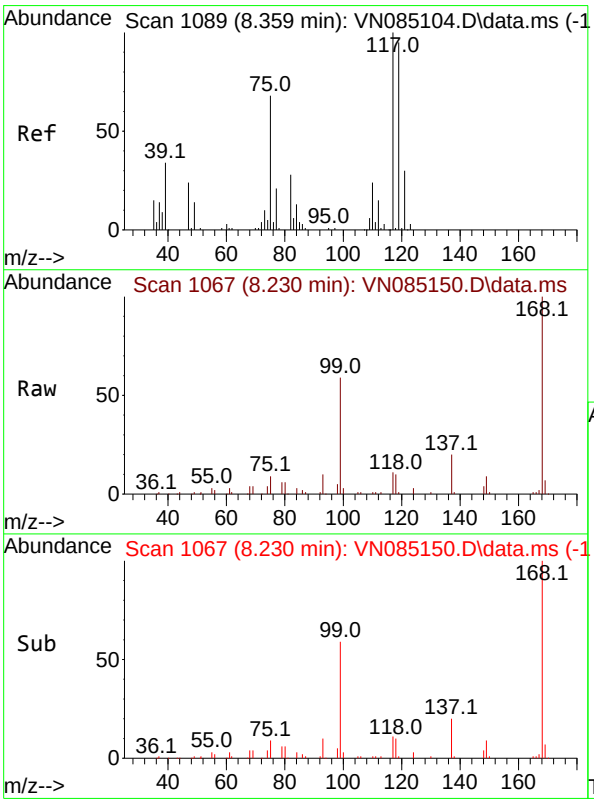
#37
Ethyl Acetate
Concen: 1.218 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.012 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2653

Ion	Ratio	Lower	Upper
43	100		
61	4.3	11.7	17.5#
70	2.1	9.3	13.9#

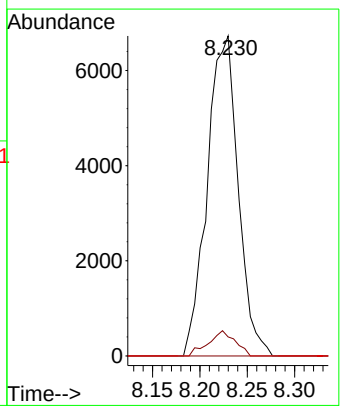


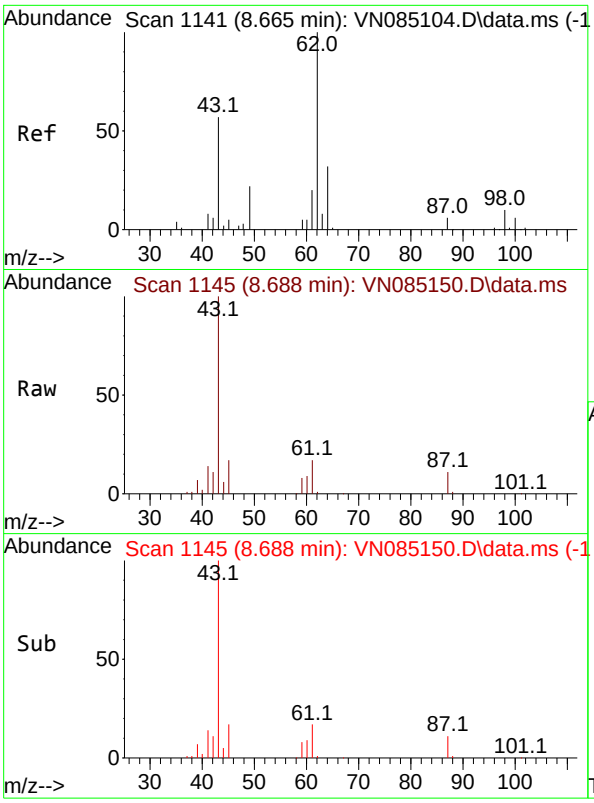


#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.124 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion:117 Resp: 15275

Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.6	117.8#
121	0.0	24.2	36.2#



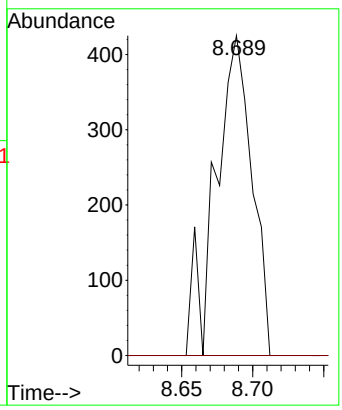


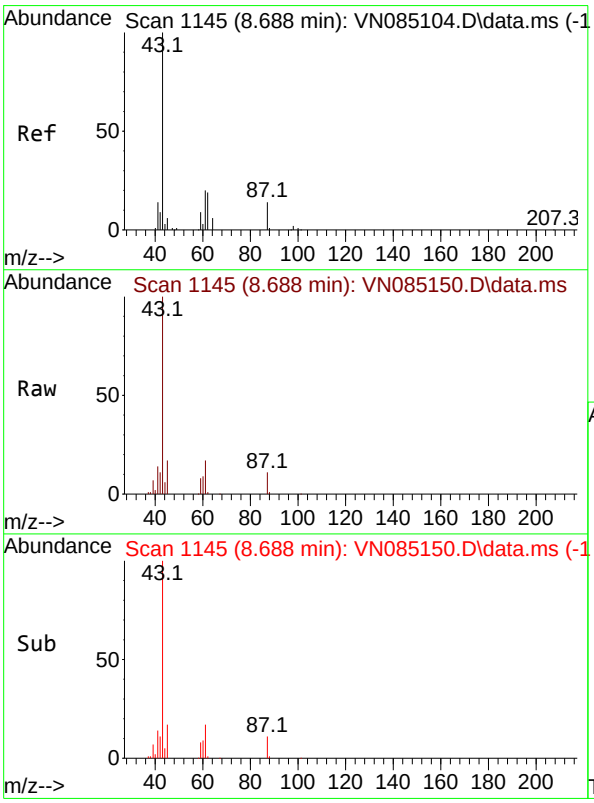
#42
1,2-Dichloroethane
Concen: 0.295 ug/l
RT: 8.688 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 765

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2

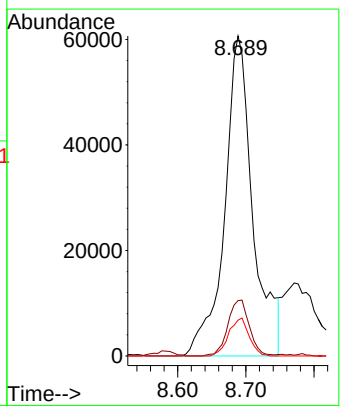


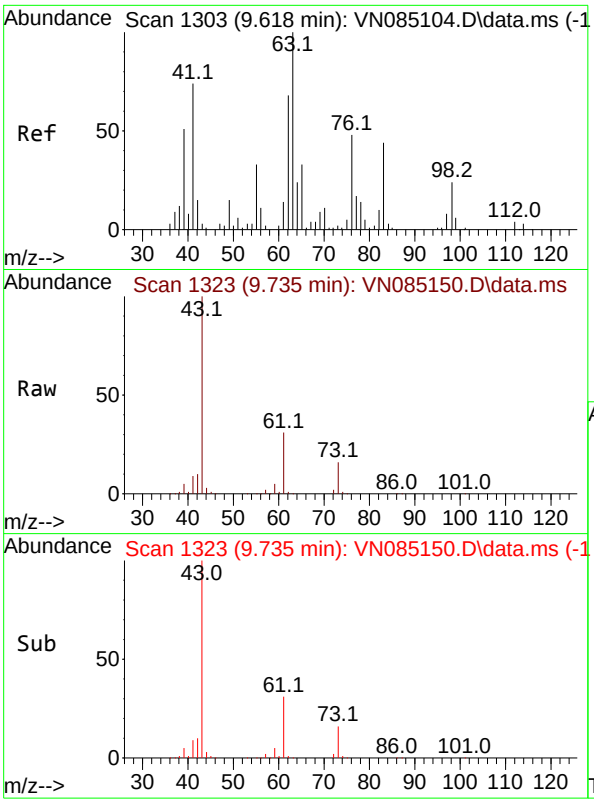


#43
Isopropyl Acetate
Concen: 38.686 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 43 Resp: 175072

Ion	Ratio	Lower	Upper
43	100		
61	13.3	20.6	30.8#
87	8.5	11.0	16.4#



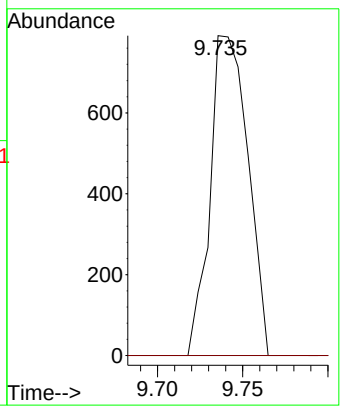


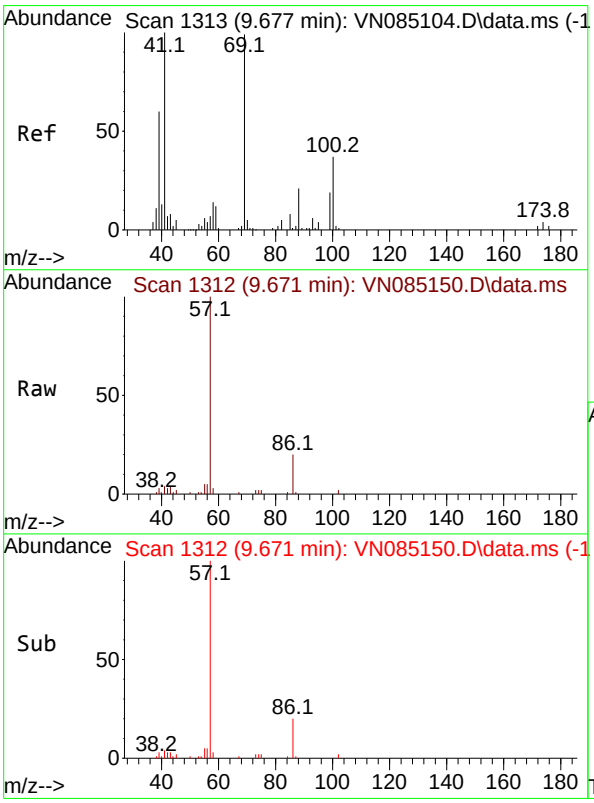
#45
1,2-Dichloropropane
Concen: 0.655 ug/l
RT: 9.735 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1223

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#

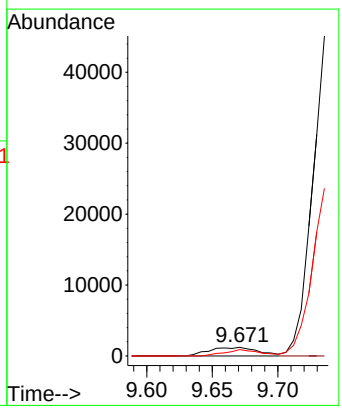


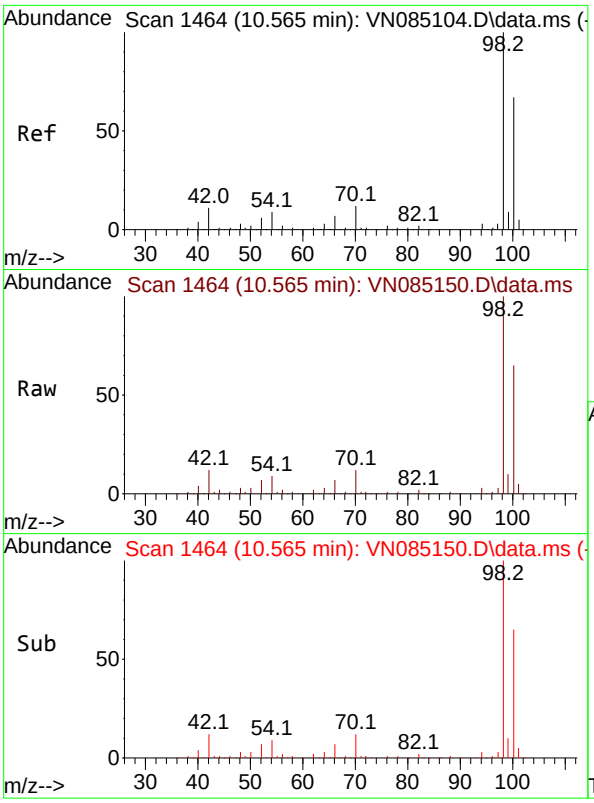


#48
Methyl methacrylate
Concen: 1.865 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 41 Resp: 3141

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.2	109.8#
39	52.8	46.2	69.4



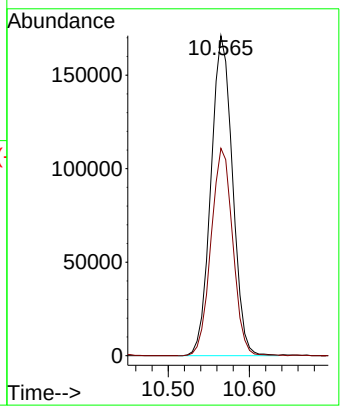


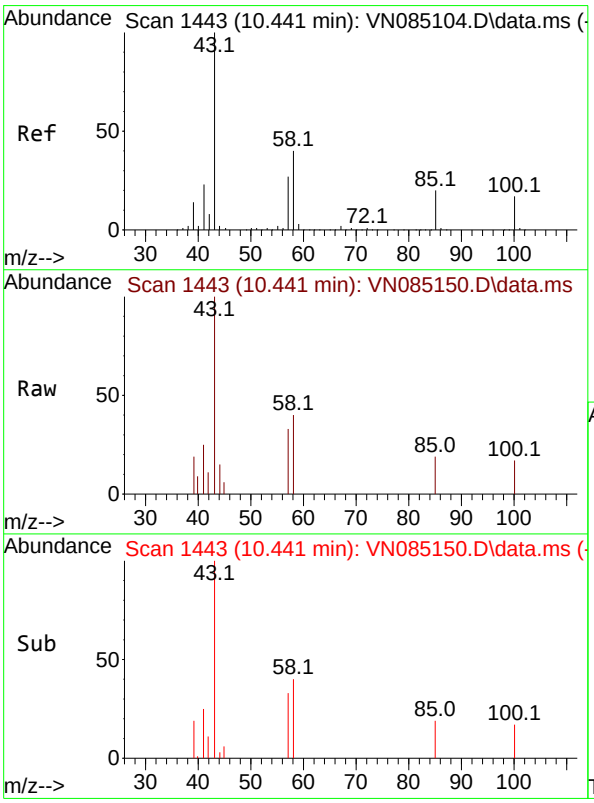
#50
Toluene-d8
Concen: 49.915 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 316499

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7

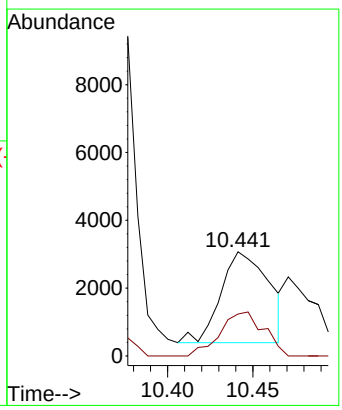


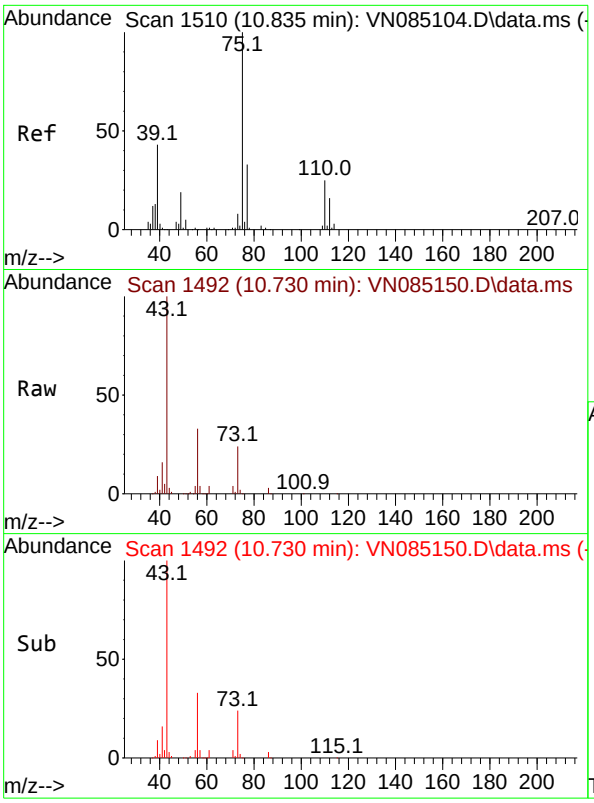


#51
4-Methyl-2-Pentanone
Concen: 2.528 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 43 Resp: 5225

Ion	Ratio	Lower	Upper
43	100		
58	44.3	32.1	48.1



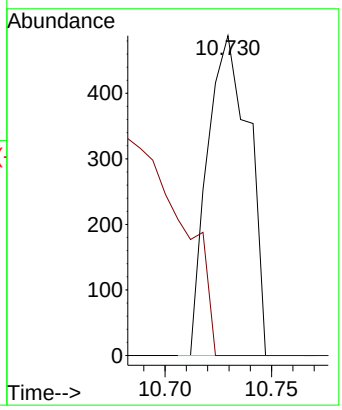


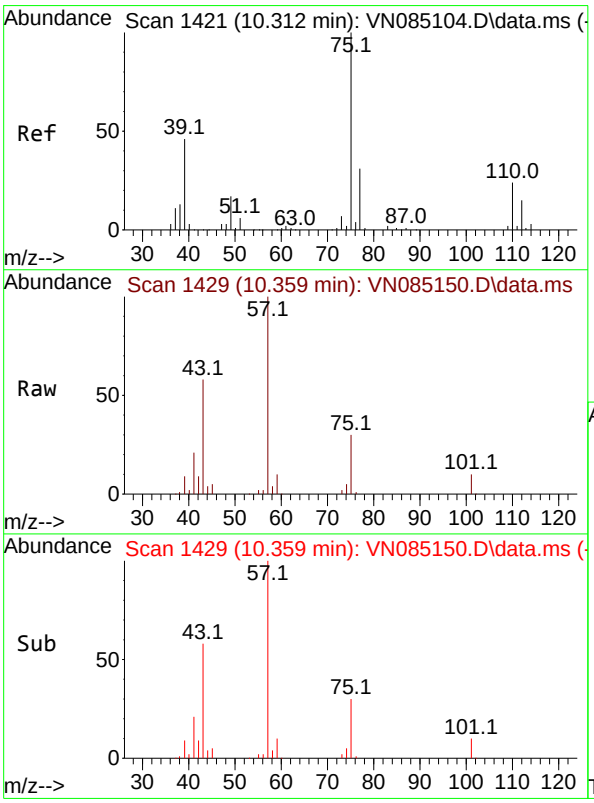
#53
t-1,3-Dichloropropene
Concen: 0.239 ug/l
RT: 10.730 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 660

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#

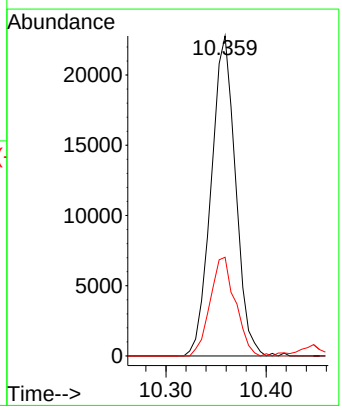


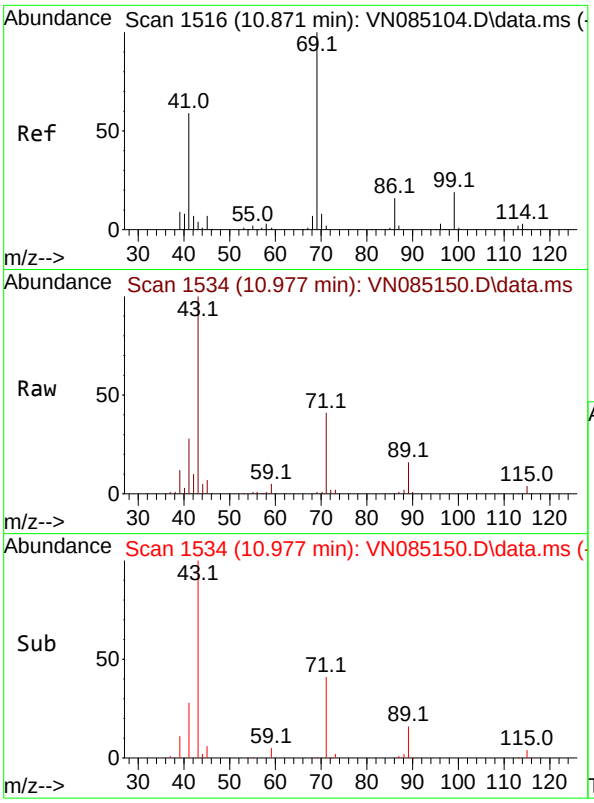


#54
cis-1,3-Dichloropropene
Concen: 13.155 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 75 Resp: 38468

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	30.9	37.6	56.4#



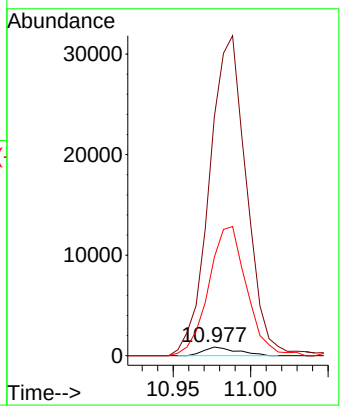


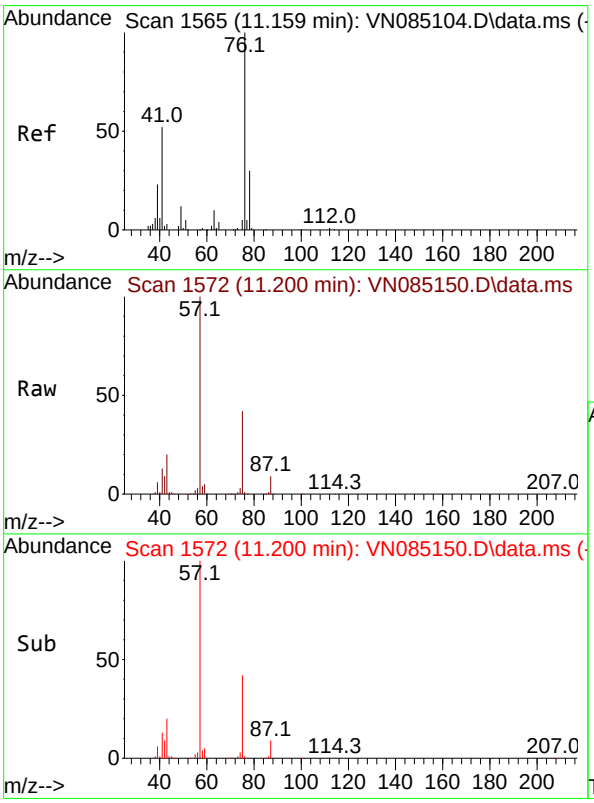
#56
Ethyl methacrylate
Concen: 0.529 ug/l
RT: 10.977 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1293

Ion	Ratio	Lower	Upper
69	100		
41	4098.8	50.0	75.0#
39	1694.4	27.0	40.6#

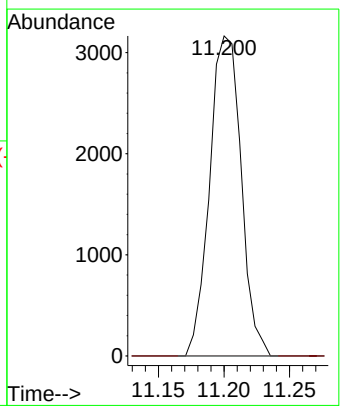


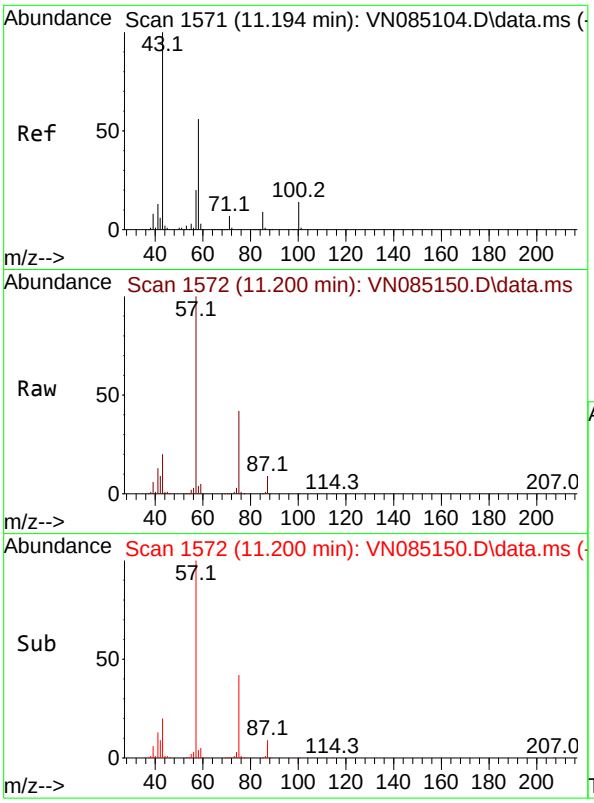


#57
1,3-Dichloropropane
Concen: 1.798 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 76 Resp: 5288

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



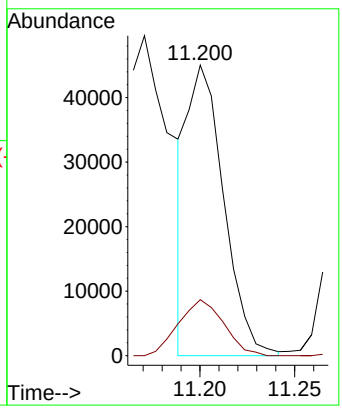


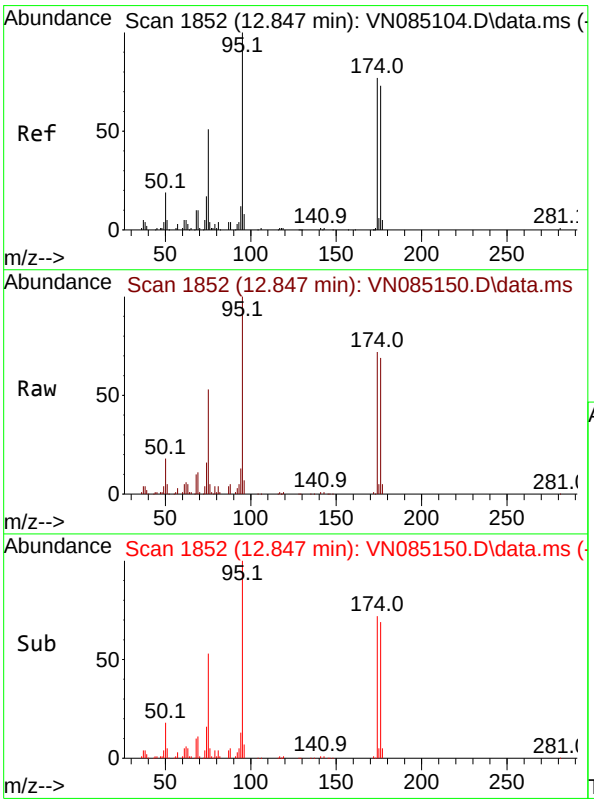
#59
2-Hexanone
Concen: 39.324 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 60792

Ion	Ratio	Lower	Upper
43	100		
58	23.7	28.3	85.0#

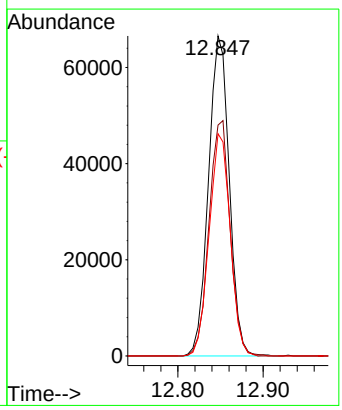


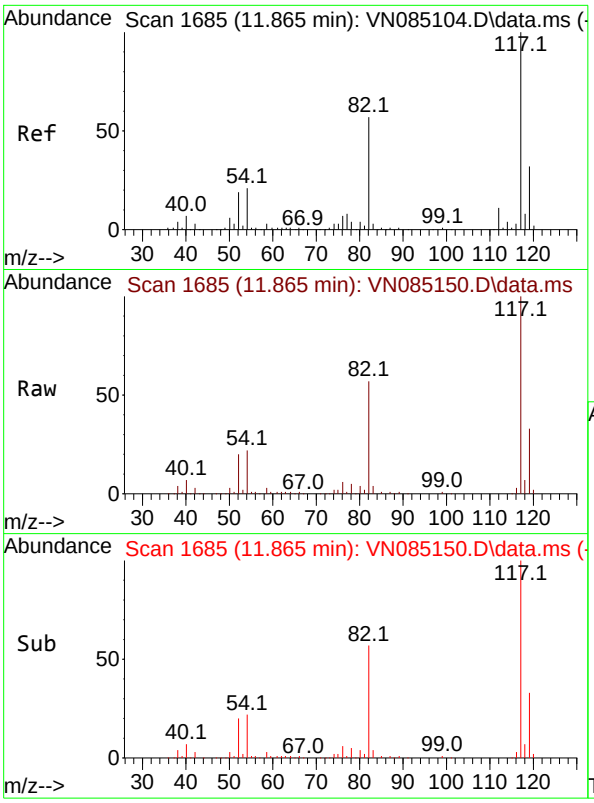


#62
4-Bromofluorobenzene
Concen: 47.474 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 95 Resp: 112572

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	146.6
176	70.5	0.0	141.8



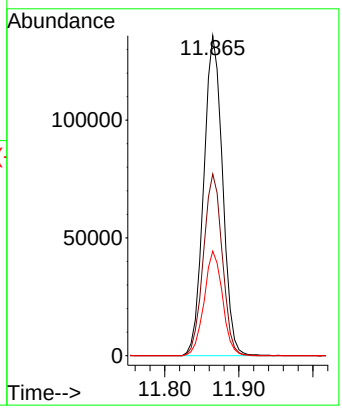


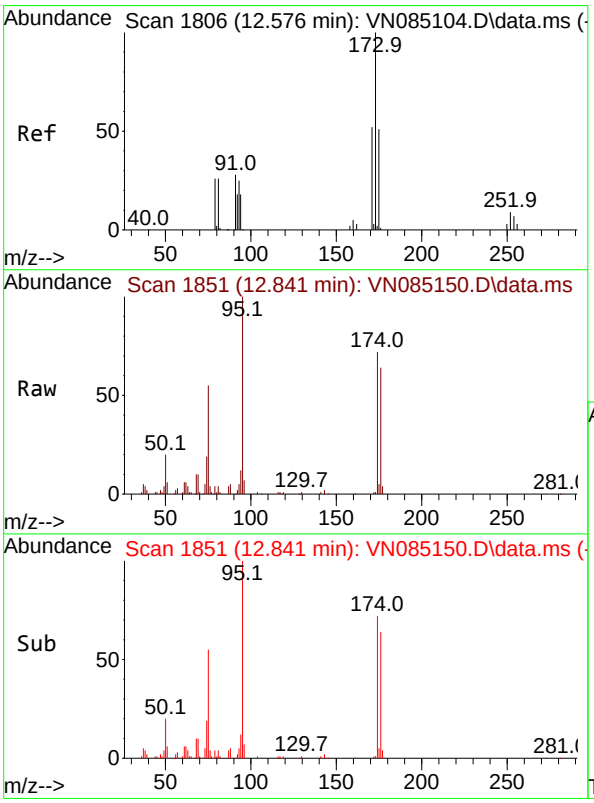
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 239510

Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	32.7	25.6	38.4

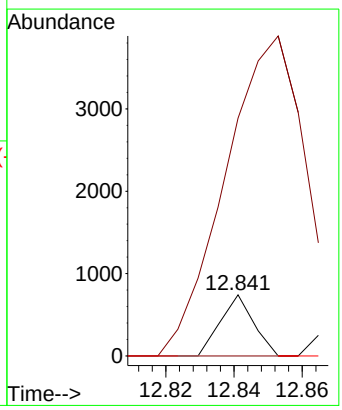


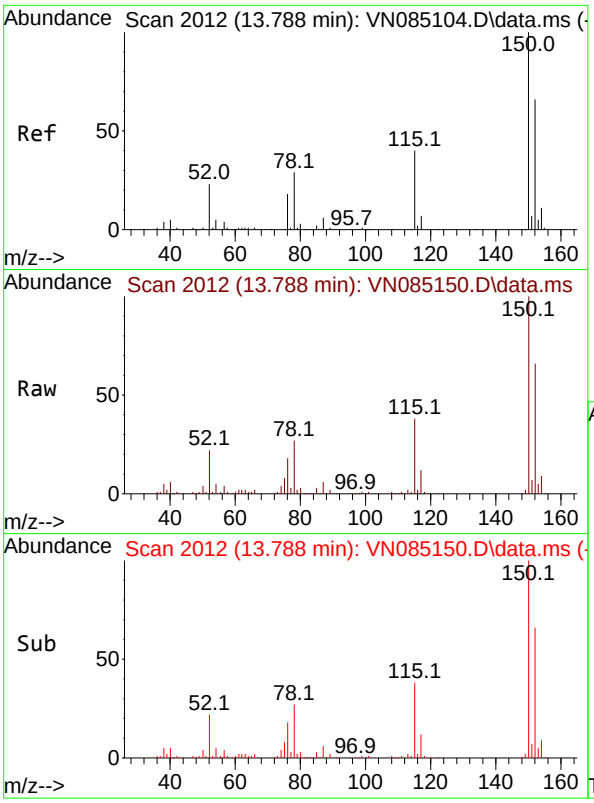


#71
Bromoform
Concen: 0.354 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion:173 Resp: 502

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.2#
254	0.0	0.0	0.0



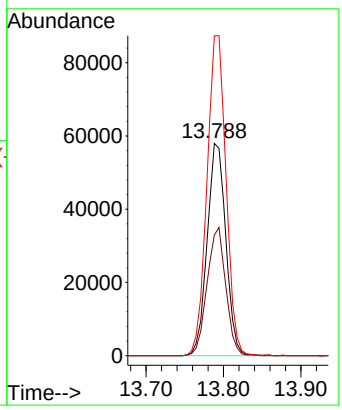


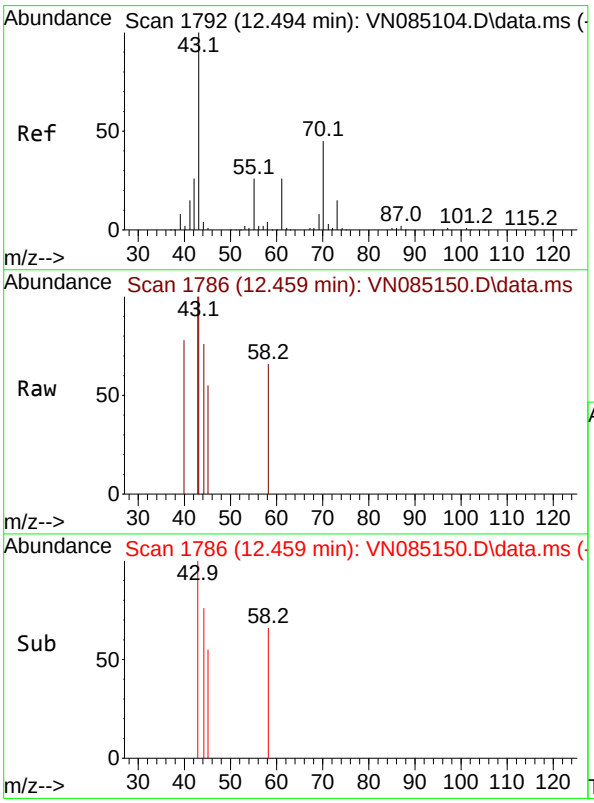
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 97109

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.7	95.1
150	153.9	0.0	351.4

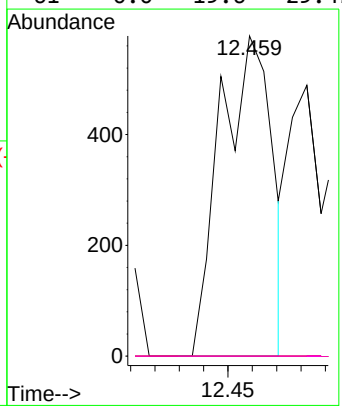


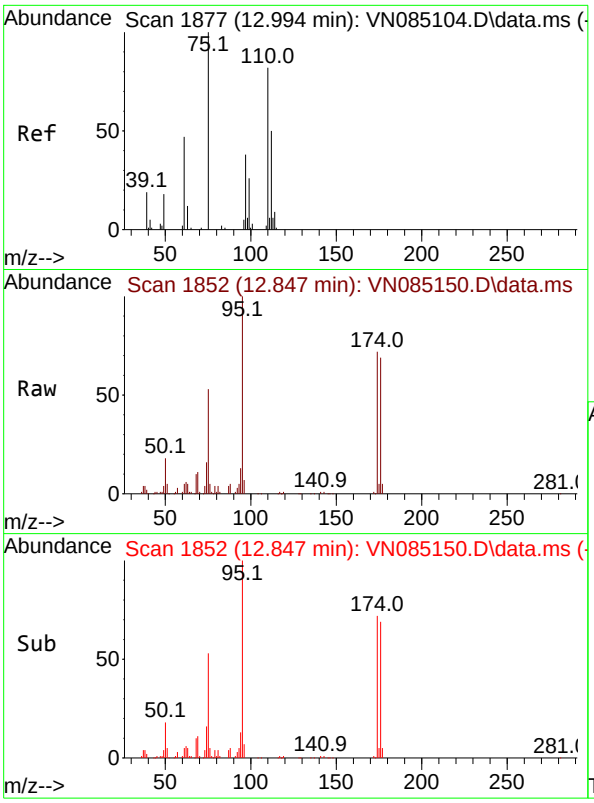


#74
N-amyl acetate
Concen: 0.303 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 43 Resp: 855

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.6	51.8#
55	0.0	20.5	30.7#
61	0.0	19.6	29.4#



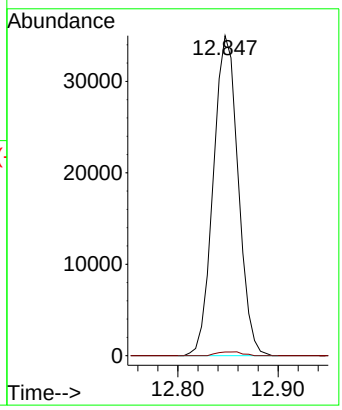


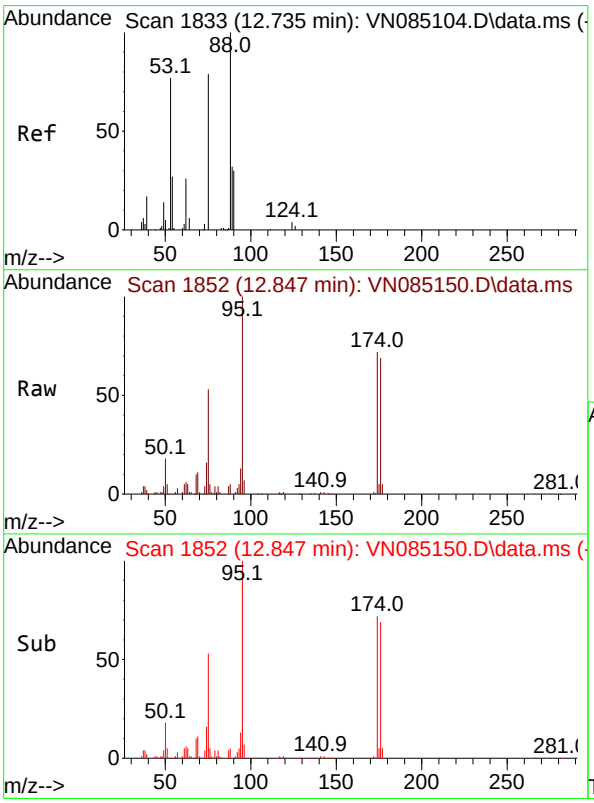
#76
1,2,3-Trichloropropane
Concen: 34.049 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60142

Ion	Ratio	Lower	Upper
75	100		
77	1.2	109.1	327.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.165 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085150.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 75 Resp: 60142

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	37.9	56.9#