Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
Data File : VN069759.D
Acq On : 4 Dec 2021 12:11
Operator : JC/MD
Sample : VN1204MBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 04 16:10:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1420388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2487568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2535599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	965312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1066382	48.625	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.240%			
35) Dibromofluoromethane	8.021	113	741302	47.575	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.160%			
50) Toluene-d8	10.440	98	3153565	50.404	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.731	95	1191980	52.589	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.180%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	5811	0.280	ug/l	92
11) Tert butyl alcohol	5.315	59	1588	0.383	ug/l #	71
13) Acrolein	4.044	56	1668	0.472	ug/l	93
15) Acrylonitrile	5.565	53	2358	0.211	ug/l #	49
16) Acetone	4.293	43	9383	0.711	ug/l #	79
25) 2-Butanone	7.345	43	6686	0.373	ug/l	94
31) Cyclohexane	8.083	56	36795	1.206	ug/l #	22
36) 1,1-Dichloropropene	8.083	75	120334	5.081	ug/l #	50
38) Carbon Tetrachloride	8.086	117	145574	6.269	ug/l #	16
49) 1,4-Dioxane	9.580	88	793	1.816	ug/l #	22
51) 4-Methyl-2-Pentanone	10.336	43	12448	0.368	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	1111	2.830	ug/l #	63
54) cis-1,3-Dichloropropene	10.196	75	262	2.007	ug/l #	50
56) Ethyl methacrylate	10.768	69	2233	2.343	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.049	63	105	18.400	ug/l #	45
59) 2-Hexanone	11.089	43	26367	1.030	ug/l	83
60) Dibromochloromethane	11.234	129	100	2.381	ug/l #	1
71) Bromoform	12.731	173	3973	2.973	ug/l #	1
74) N-amyl acetate	12.398	43	16773	0.442	ug/l #	91
76) 1,2,3-Trichloropropane	12.731	75	666282	24.068	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	666282	76.436	ug/l #	5
89) n-Butylbenzene	13.946	91	16039	0.305	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	7570	0.234	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1507	0.281	ug/l	72
93) 1,2,4-Trichlorobenzene	15.263	180	12584	3.627	ug/l	95
95) Naphthalene	15.507	128	51777	4.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	14869	3.352	ug/l	99

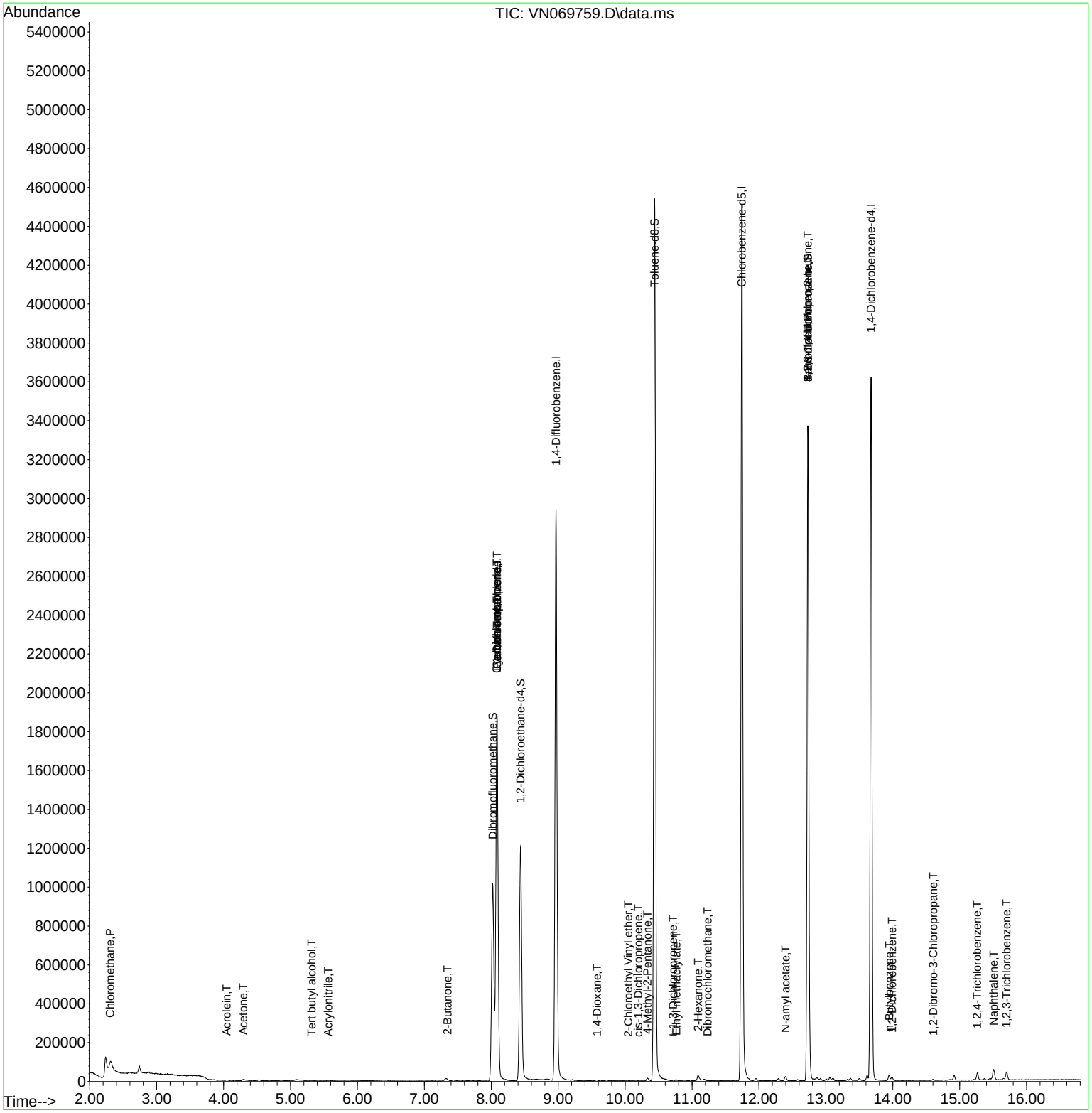
(#) = qualifier out of range (m) = manual integration (+) = signals summed

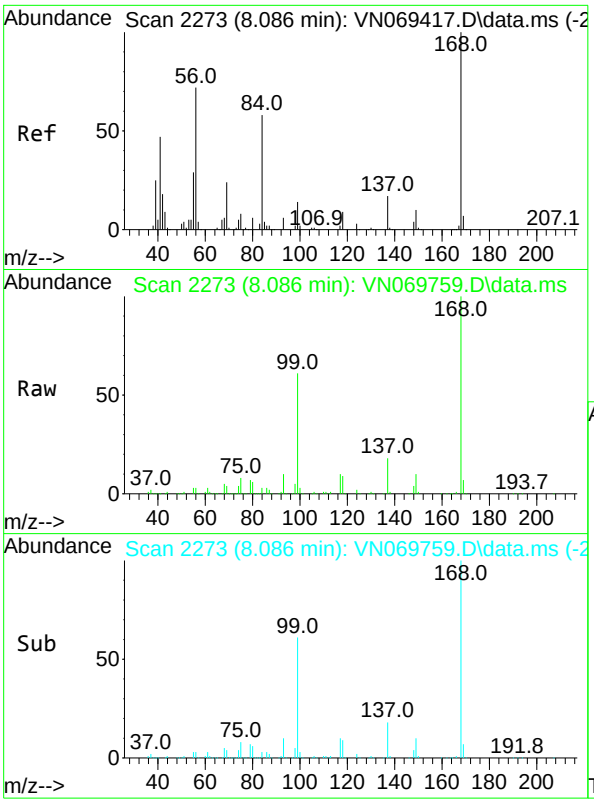
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
Data File : VN069759.D
Acq On : 4 Dec 2021 12:11
Operator : JC/MD
Sample : VN1204MBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 04 16:10:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



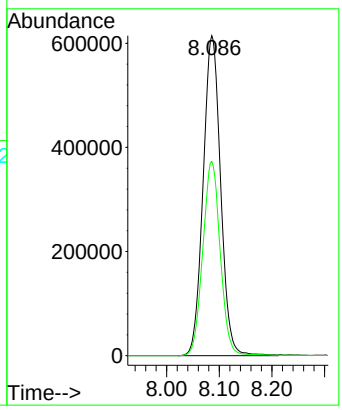


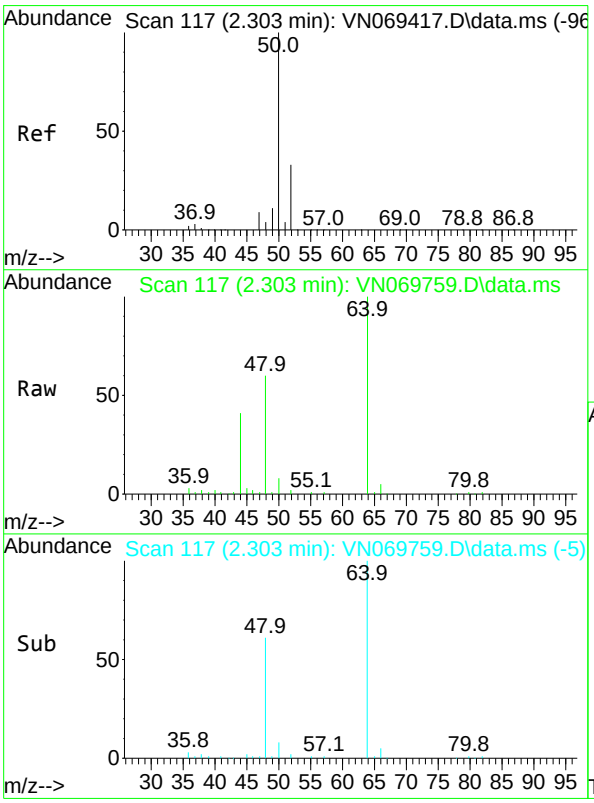
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1420388

Ion	Ratio	Lower	Upper
168	100		
99	60.7	41.3	61.9

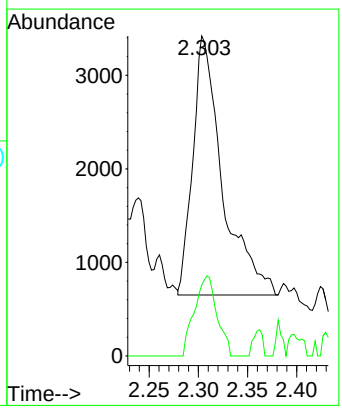


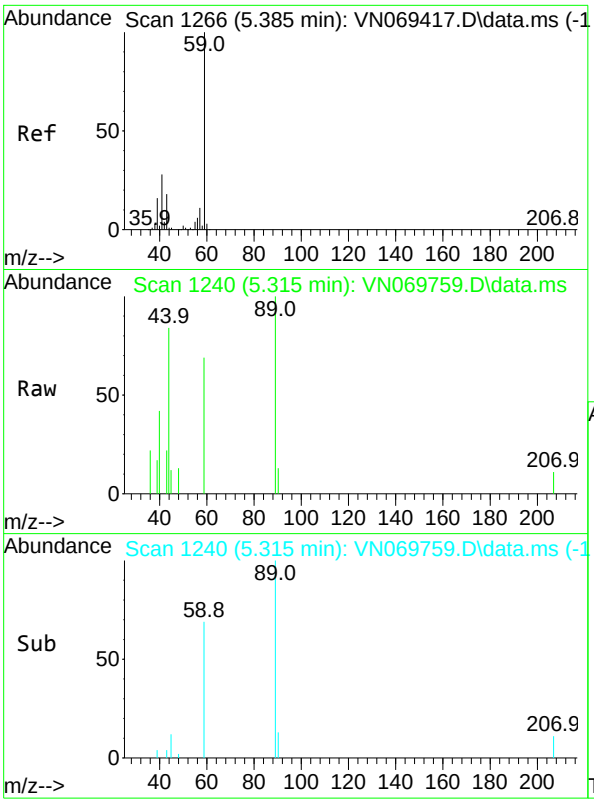


#3
Chloromethane
Concen: 0.280 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 50 Resp: 5811

Ion	Ratio	Lower	Upper
50	100		
52	27.4	25.4	38.0



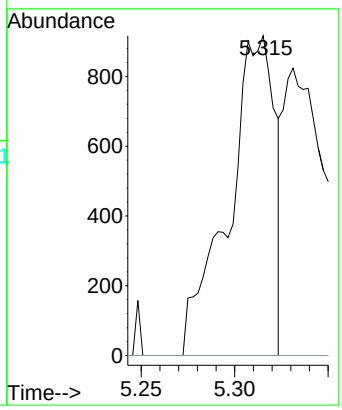


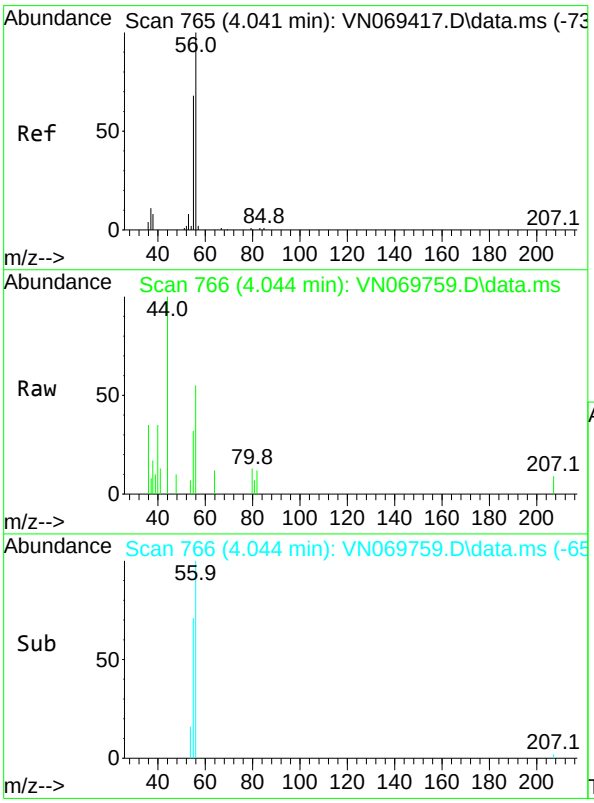
#11
Tert butyl alcohol
Concen: 0.383 ug/l
RT: 5.315 min Scan# 1
Delta R.T. -0.075 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 1588

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

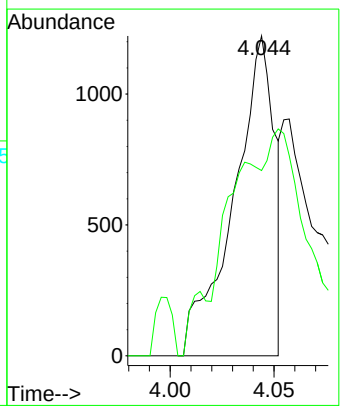


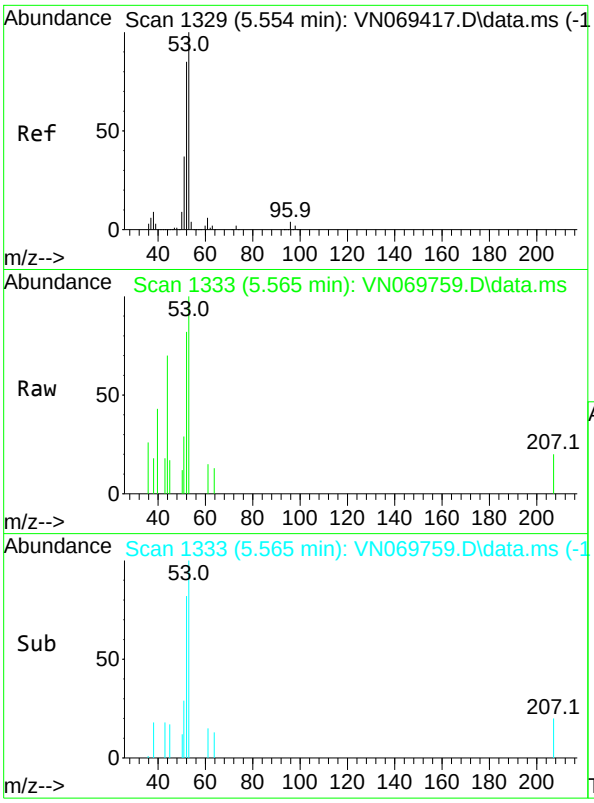


#13
Acrolein
Concen: 0.472 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 56 Resp: 1668

Ion	Ratio	Lower	Upper
56	100		
55	65.3	56.6	85.0



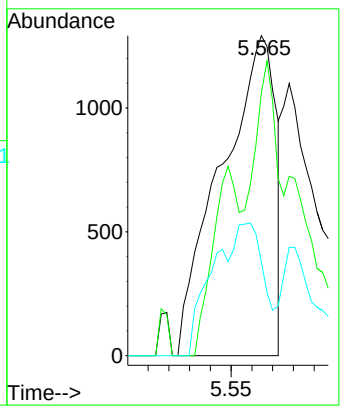


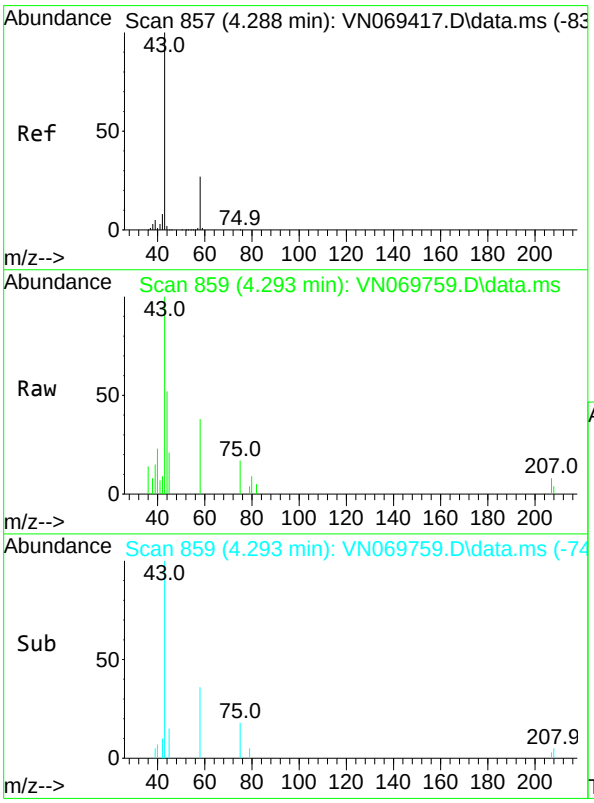
#15
Acrylonitrile
Concen: 0.211 ug/l
RT: 5.565 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 2358

Ion	Ratio	Lower	Upper
53	100		
52	17.2	66.2	99.2#
51	38.4	29.6	44.4

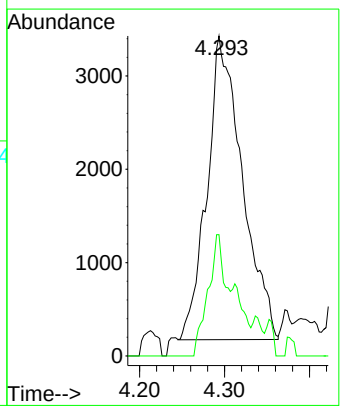


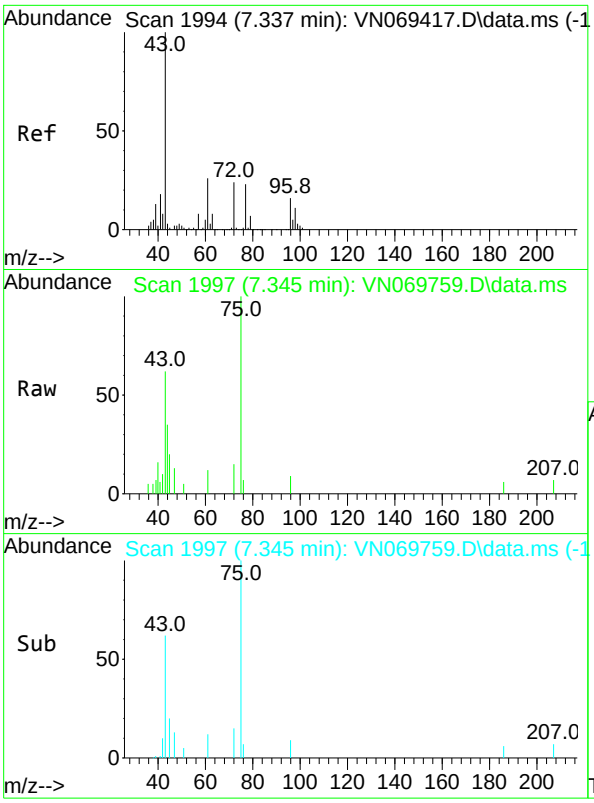


#16
Acetone
Concen: 0.711 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 43 Resp: 9383

Ion	Ratio	Lower	Upper
43	100		
58	40.0	23.1	34.7#



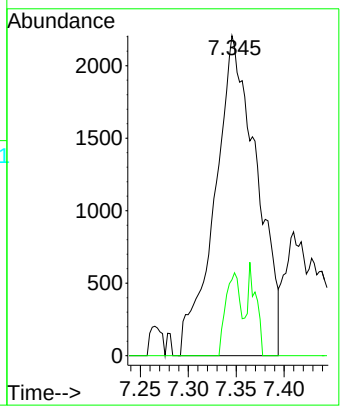


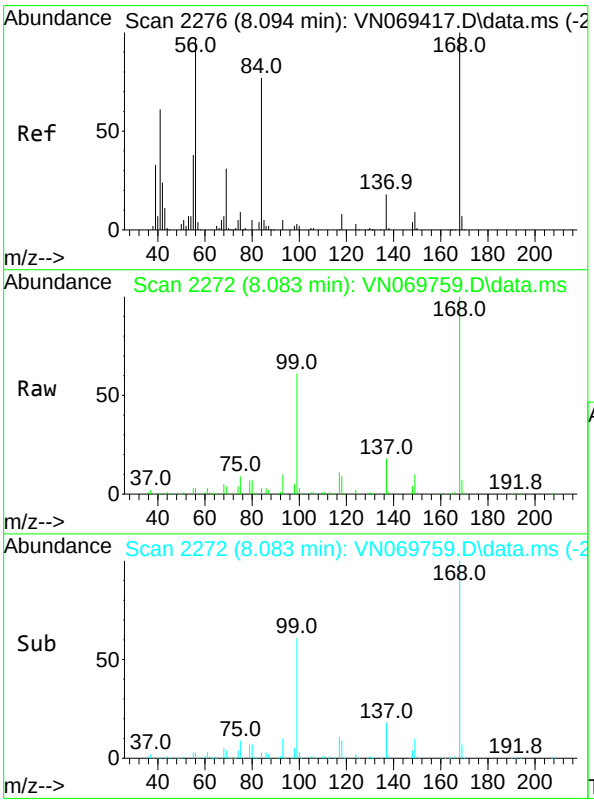
#25
2-Butanone
Concen: 0.373 ug/l
RT: 7.345 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6686

Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.7	32.5

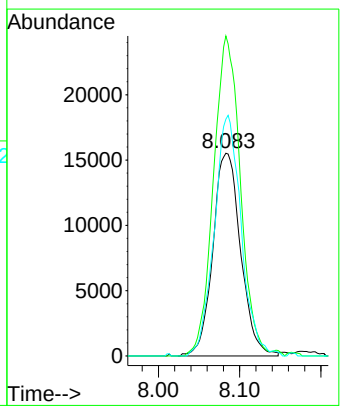


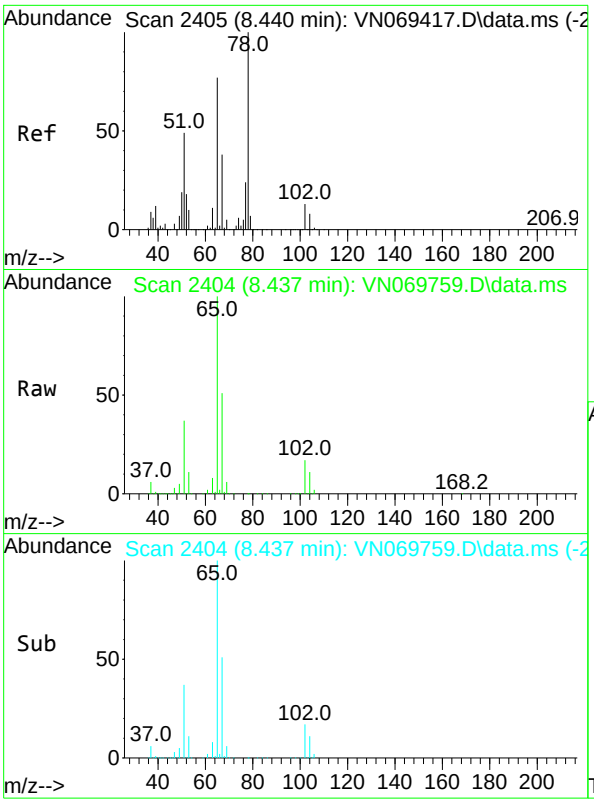


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 56 Resp: 36795

Ion	Ratio	Lower	Upper
56	100		
69	157.8	27.1	40.7#
84	116.8	73.4	110.0#



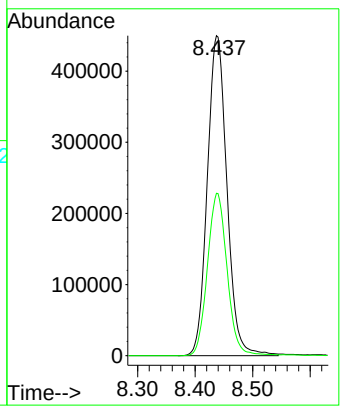


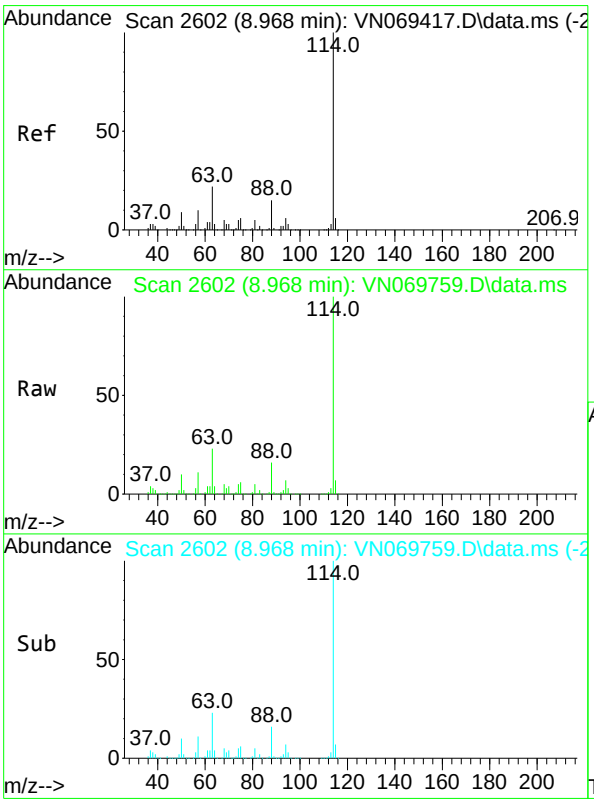
#33
1,2-Dichloroethane-d4
Concen: 48.625 ug/l
RT: 8.437 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 1066382

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

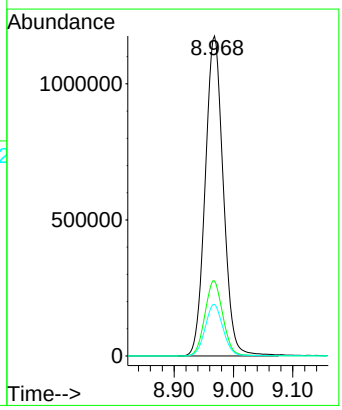


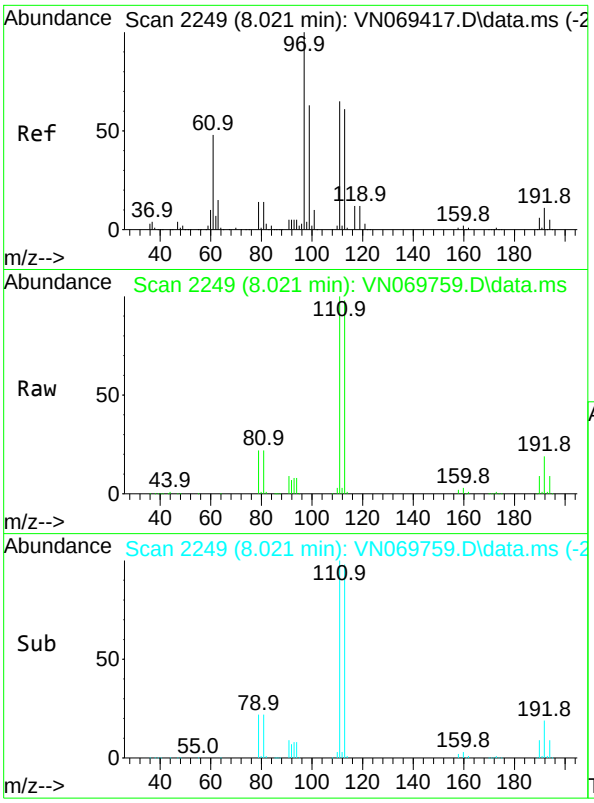


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion:114 Resp: 2487568

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.1	0.0	27.4



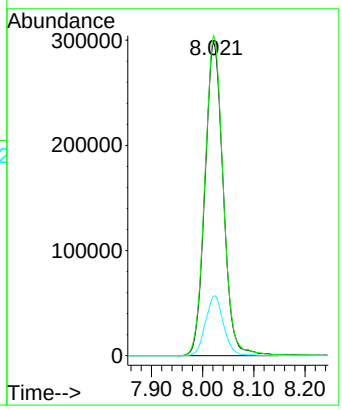


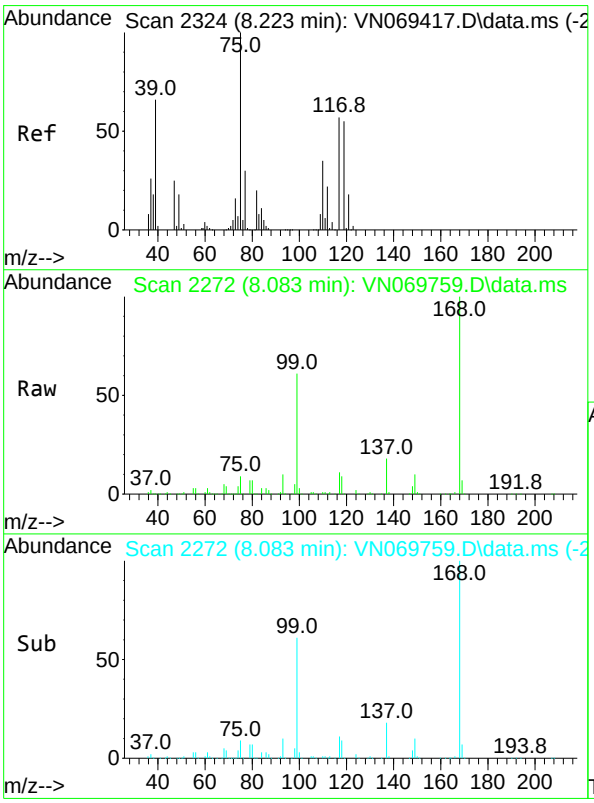
#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 8.021 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 741302

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	18.8	16.9	25.3

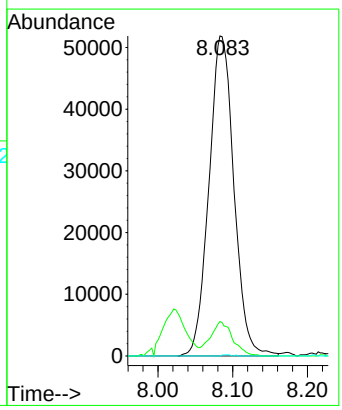


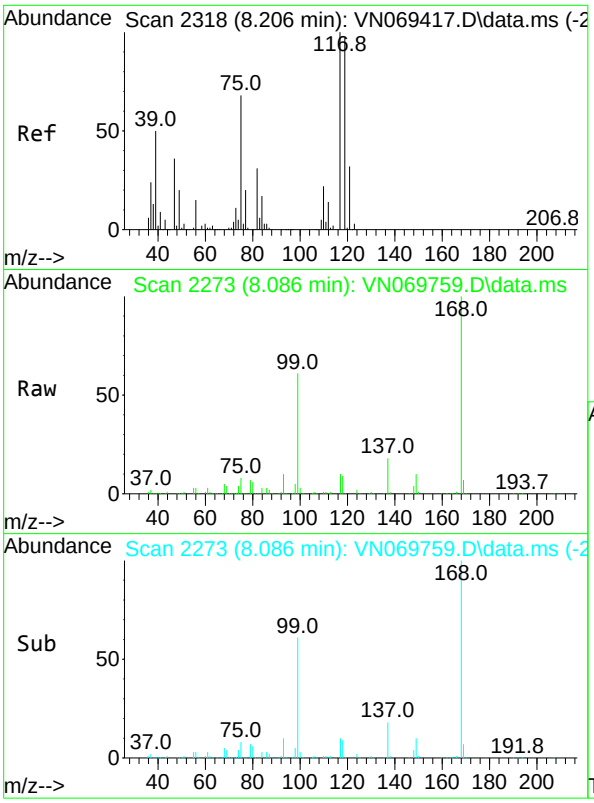


#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.139 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 75 Resp: 120334

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.4	55.2#
77	0.1	24.4	36.6#



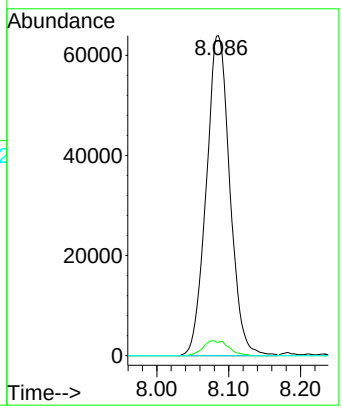


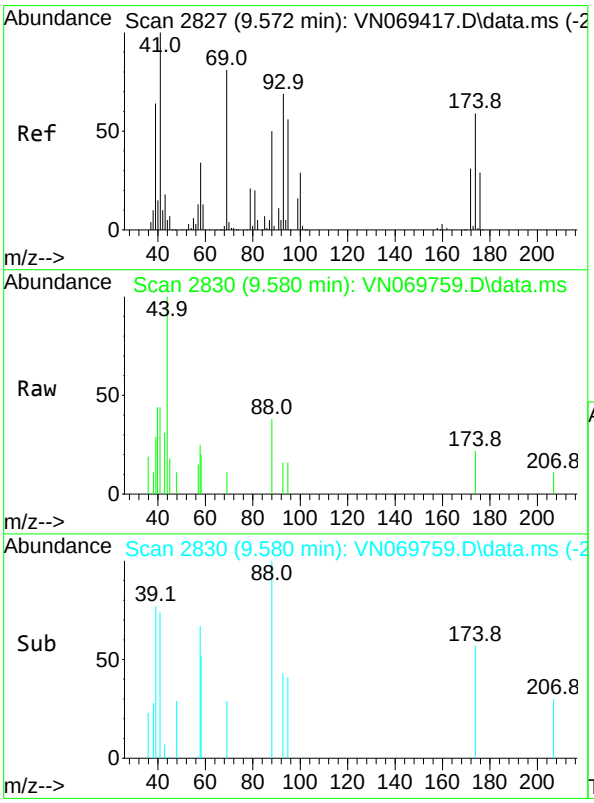
#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.121 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 145574

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	24.2	36.2#

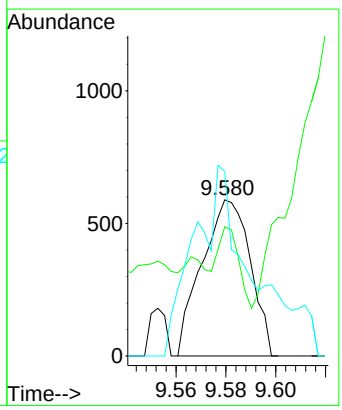


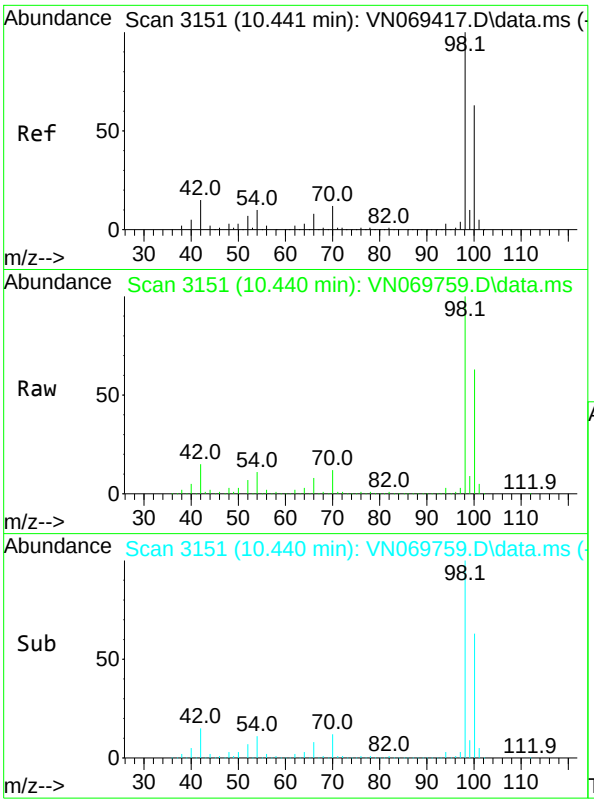


#49
1,4-Dioxane
Concen: 1.816 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.008 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 88 Resp: 793

Ion	Ratio	Lower	Upper
88	100		
43	22.1	23.4	35.2#
58	147.5	50.6	75.8#



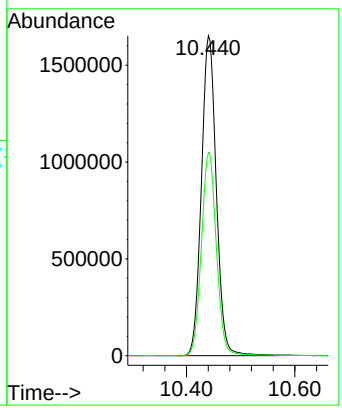


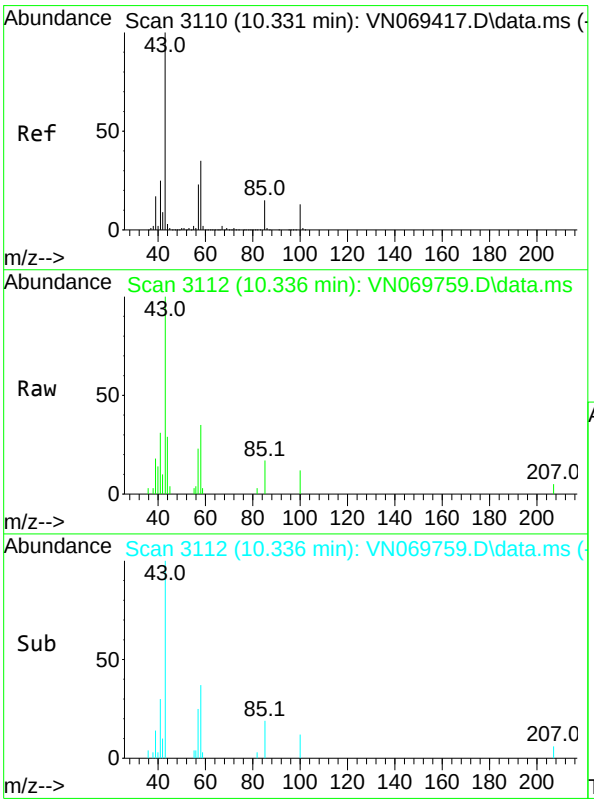
#50
Toluene-d8
Concen: 50.404 ug/l
RT: 10.440 min Scan# 3
Delta R.T. -0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 3153565

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.4	75.6

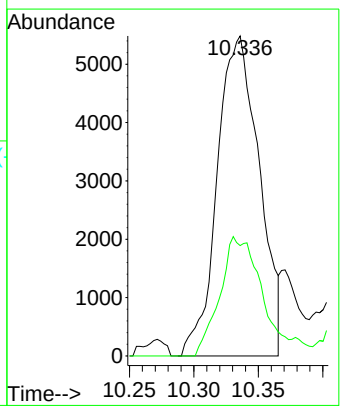


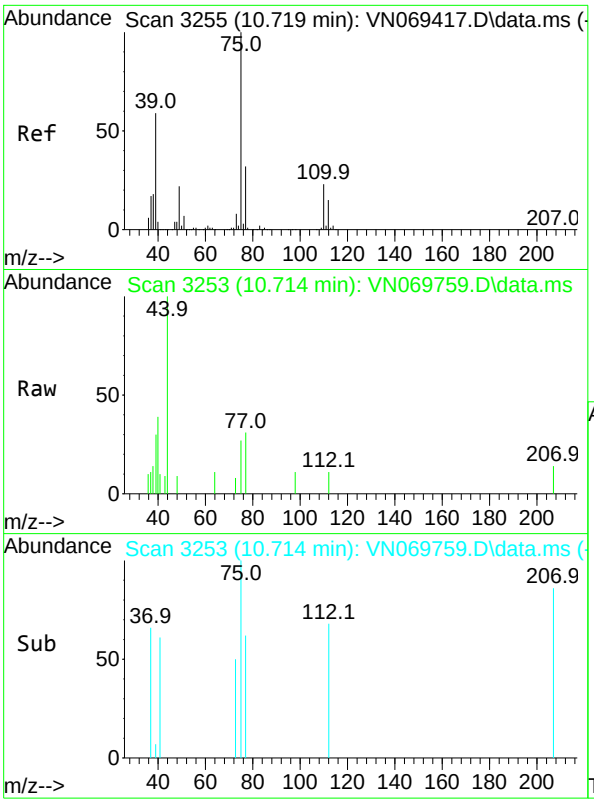


#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 43 Resp: 12448

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.4	45.6



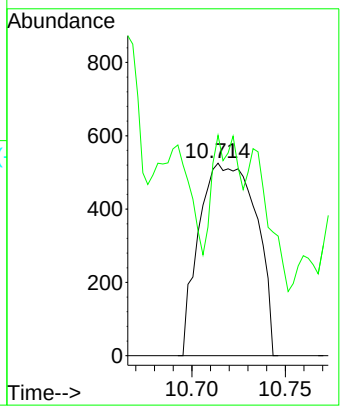


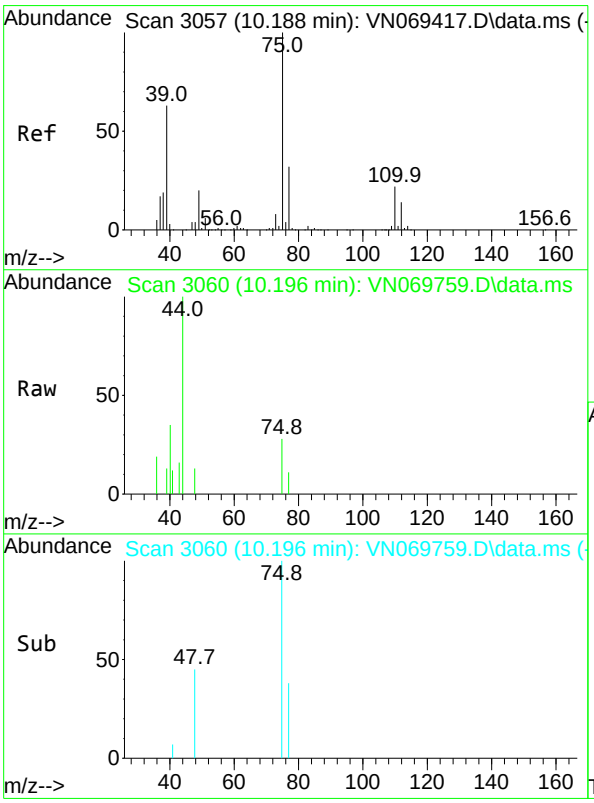
#53
t-1,3-Dichloropropene
Concen: 2.830 ug/l
RT: 10.714 min Scan# 3
Delta R.T. -0.005 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1111

Ion	Ratio	Lower	Upper
75	100		
77	52.4	25.6	38.4#

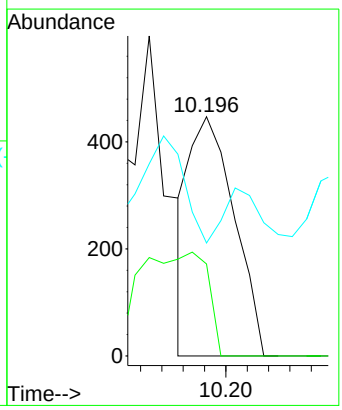


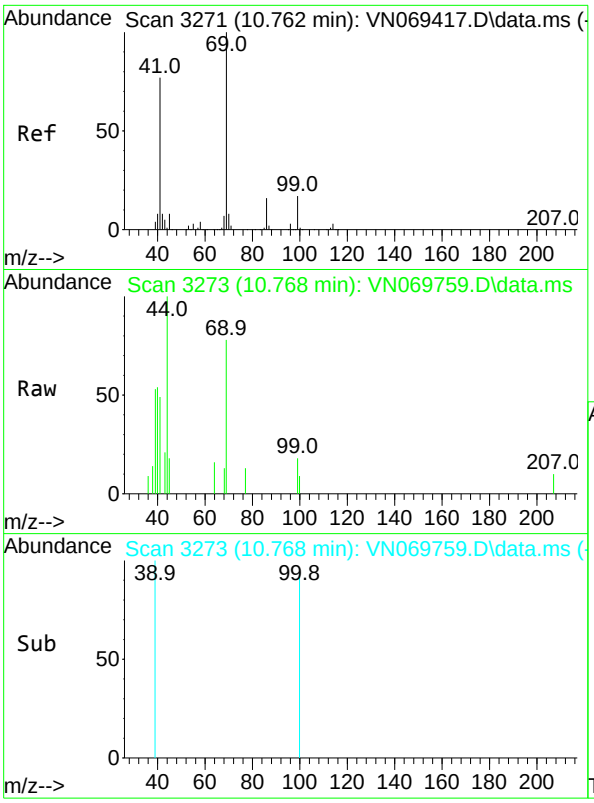


#54
cis-1,3-Dichloropropene
Concen: 2.007 ug/l
RT: 10.196 min Scan# 3060
Delta R.T. 0.005 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 75 Resp: 262

Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.4	39.6
39	0.0	42.5	63.7#



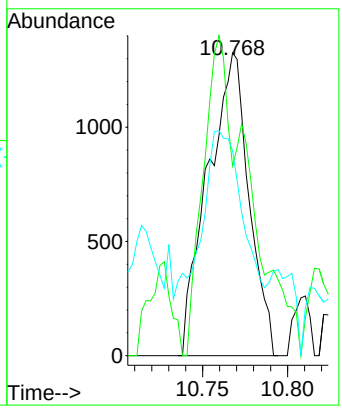


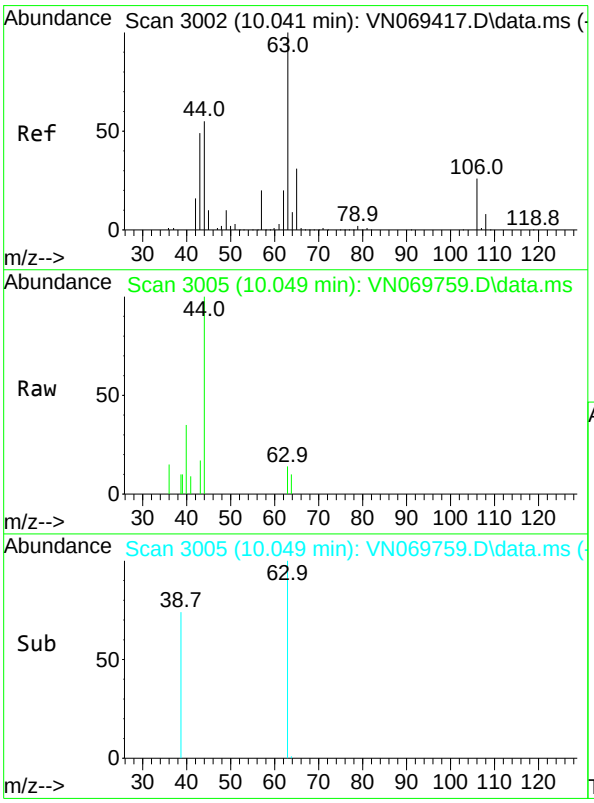
#56
Ethyl methacrylate
Concen: 2.343 ug/l
RT: 10.768 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 2233

Ion	Ratio	Lower	Upper
69	100		
41	67.5	51.4	77.0
39	48.7	34.6	52.0

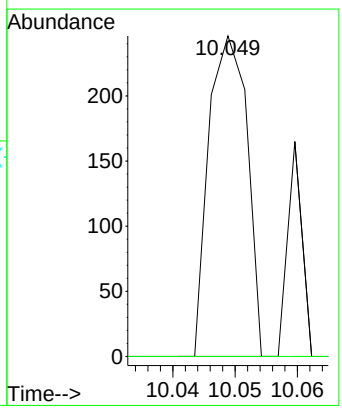


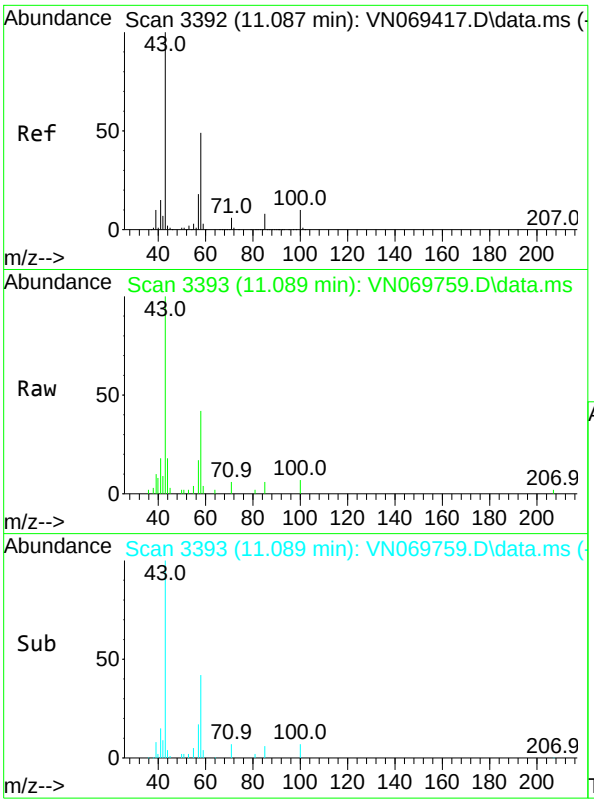


#58
2-Chloroethyl Vinyl ether
Concen: 18.400 ug/l
RT: 10.049 min Scan# 3005
Delta R.T. 0.006 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 63 Resp: 105

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#



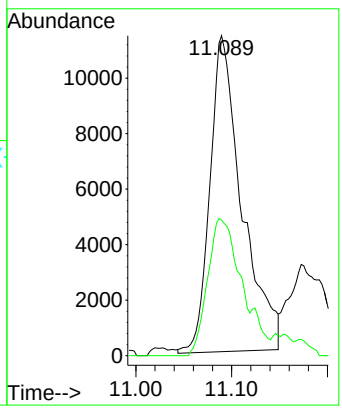


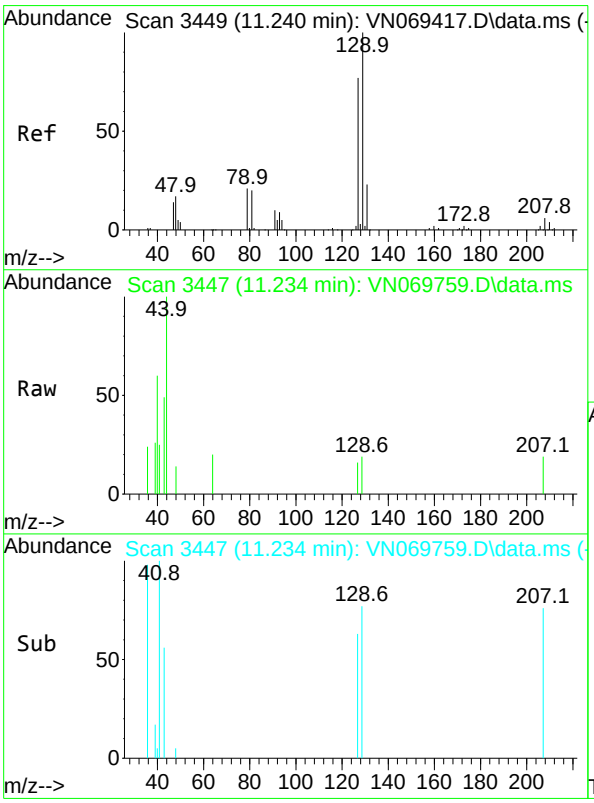
#59
2-Hexanone
Concen: 1.030 ug/l
RT: 11.089 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 26367

Ion	Ratio	Lower	Upper
43	100		
58	41.9	26.9	80.7

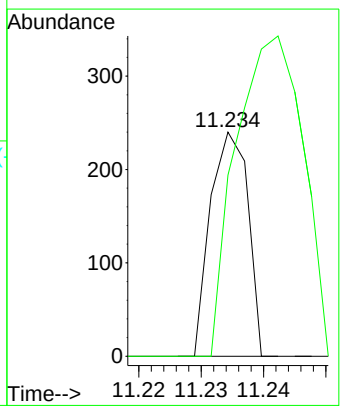


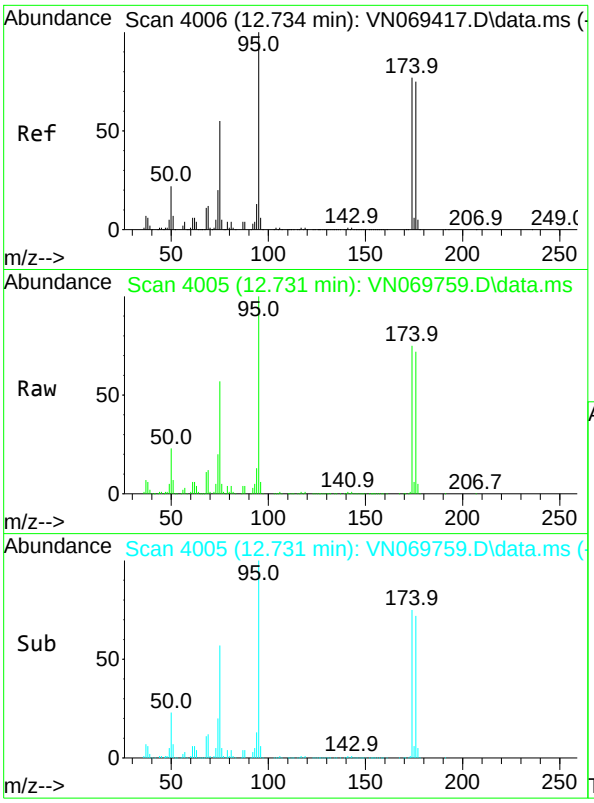


#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.006 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion:129 Resp: 100

Ion	Ratio	Lower	Upper
129	100		
127	255.0	38.6	116.0#



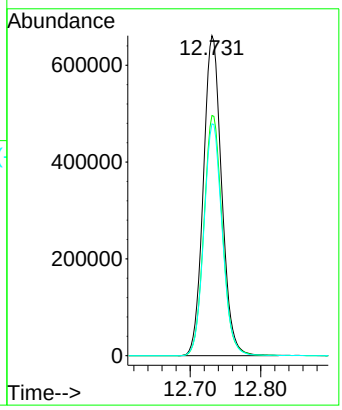


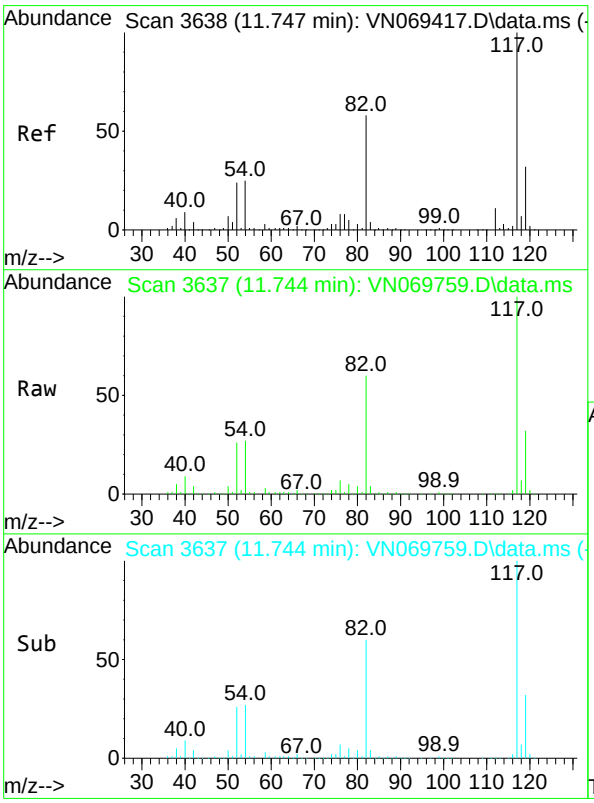
#62
4-Bromofluorobenzene
Concen: 52.589 ug/l
RT: 12.731 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 1191980

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	187.2
176	72.7	0.0	181.4

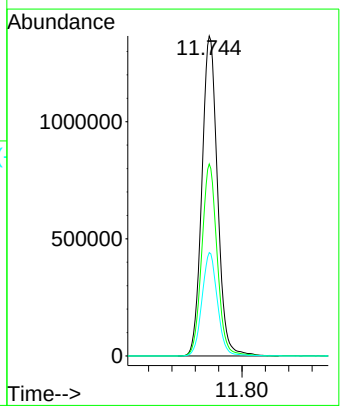


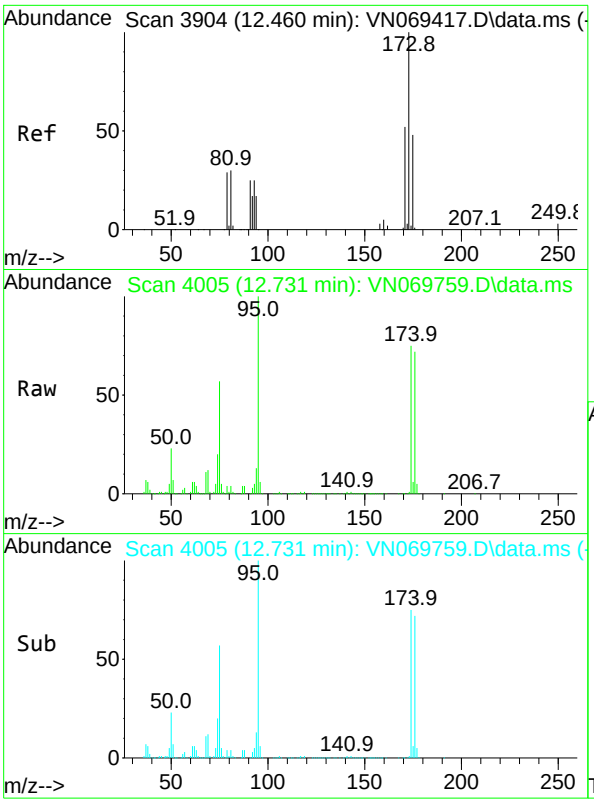


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion:117 Resp: 2535599

Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.4	63.6
119	32.3	25.4	38.2



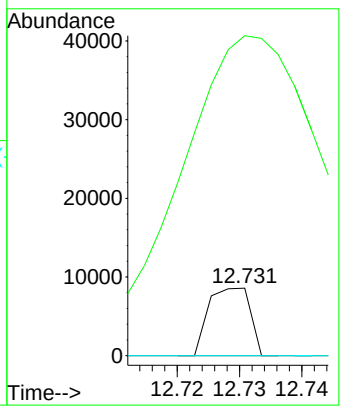


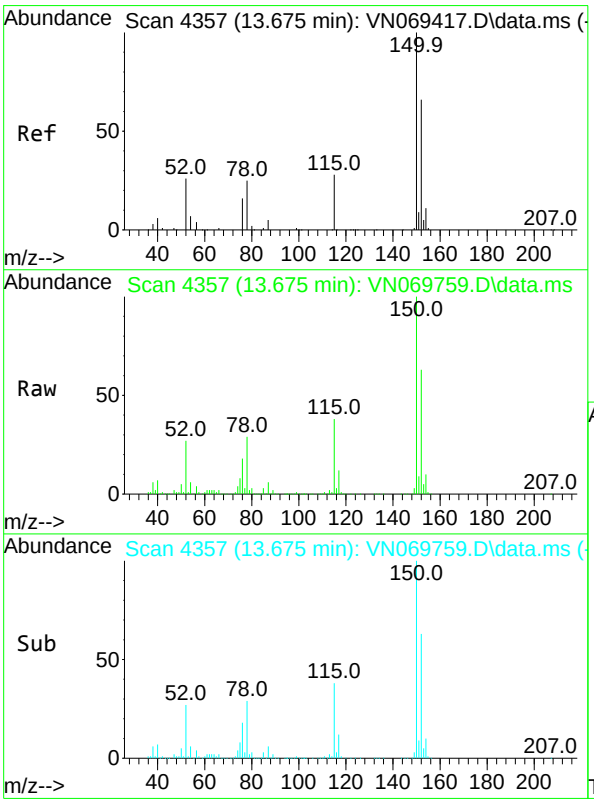
#71
Bromoform
Concen: 2.973 ug/l
RT: 12.731 min Scan# 4
Delta R.T. 0.271 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 3973

Ion	Ratio	Lower	Upper
173	100		
175	1652.0	24.2	72.6#
254	0.0	0.0	0.0

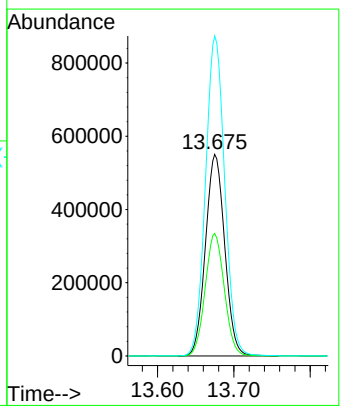


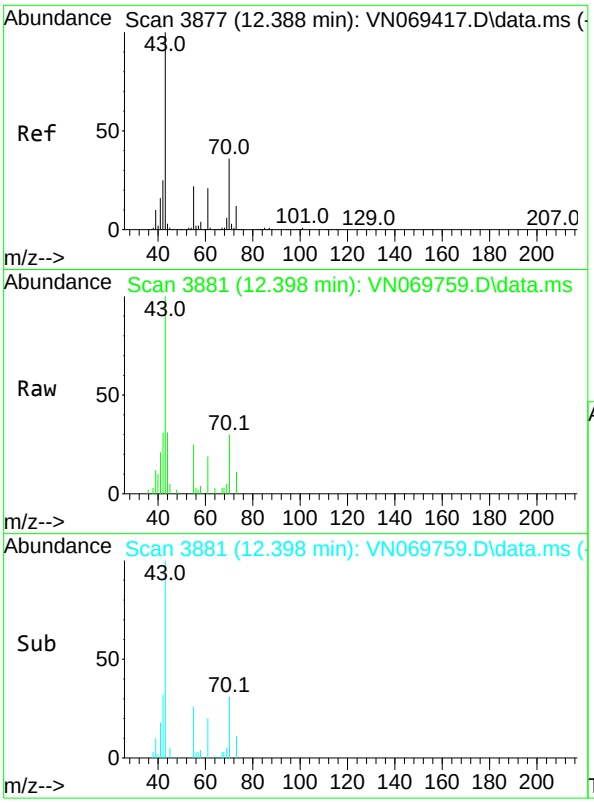


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion:152 Resp: 965312

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.5	82.5
150	157.9	0.0	344.4



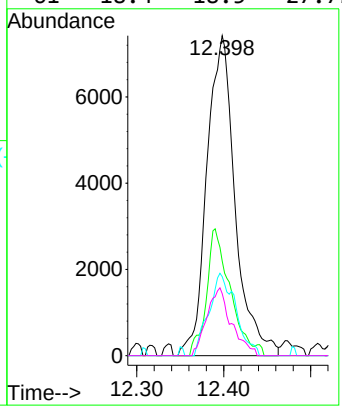


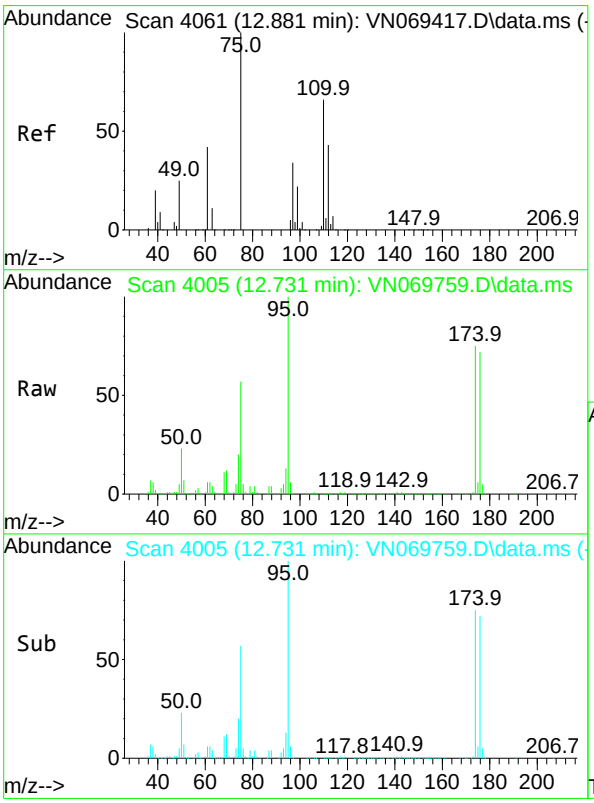
#74
N-amyl acetate
Concen: 0.442 ug/l
RT: 12.398 min Scan# 3
Delta R.T. 0.011 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 16773

Ion	Ratio	Lower	Upper
43	100		
70	32.7	33.4	50.0#
55	24.3	19.3	28.9
61	18.4	18.5	27.7#

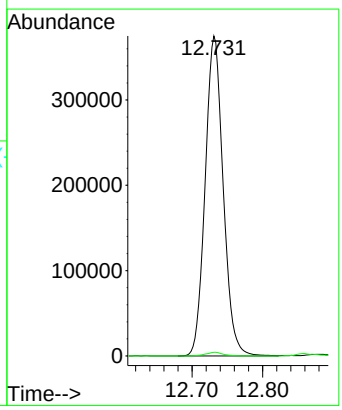


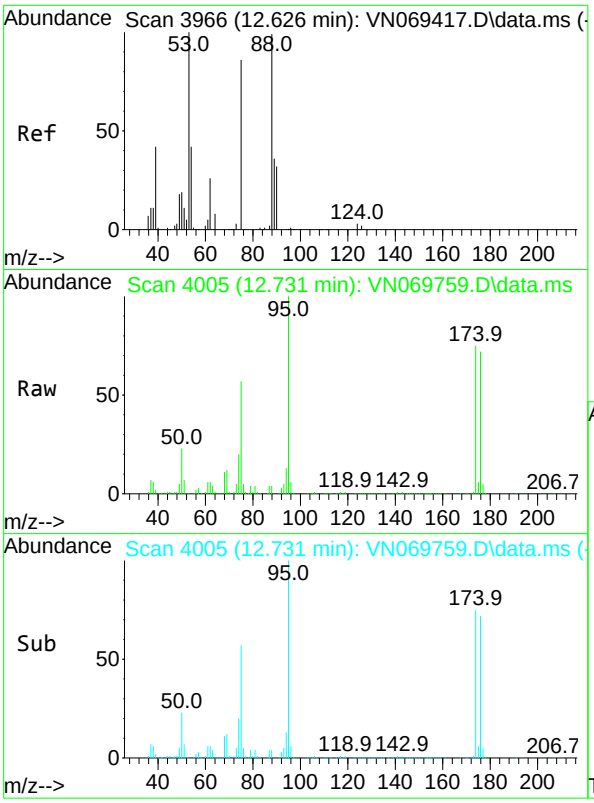


#76
1,2,3-Trichloropropane
Concen: 24.068 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 75 Resp: 666282

Ion	Ratio	Lower	Upper
75	100		
77	1.1	82.6	247.8#



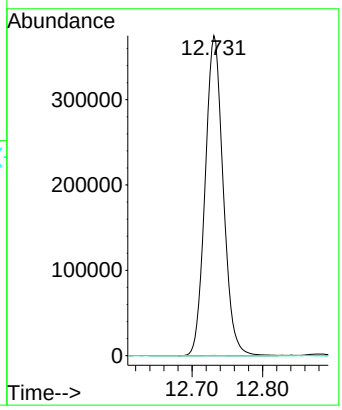


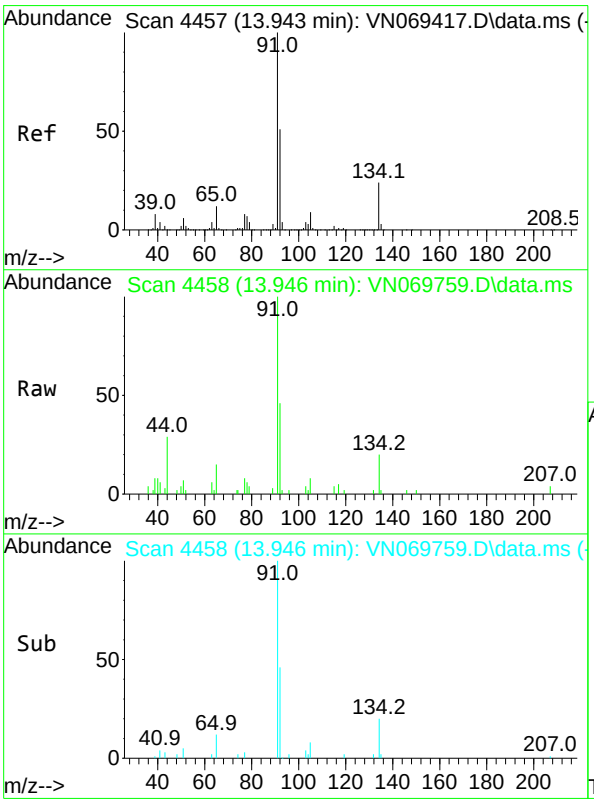
#81
trans-1,4-Dichloro-2-butene
Concen: 76.436 ug/l
RT: 12.731 min Scan# 4
Delta R.T. 0.105 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 666282

Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.0	38.2	57.4#

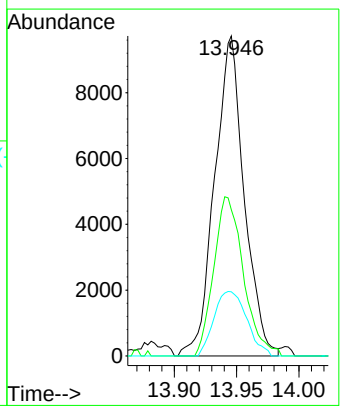


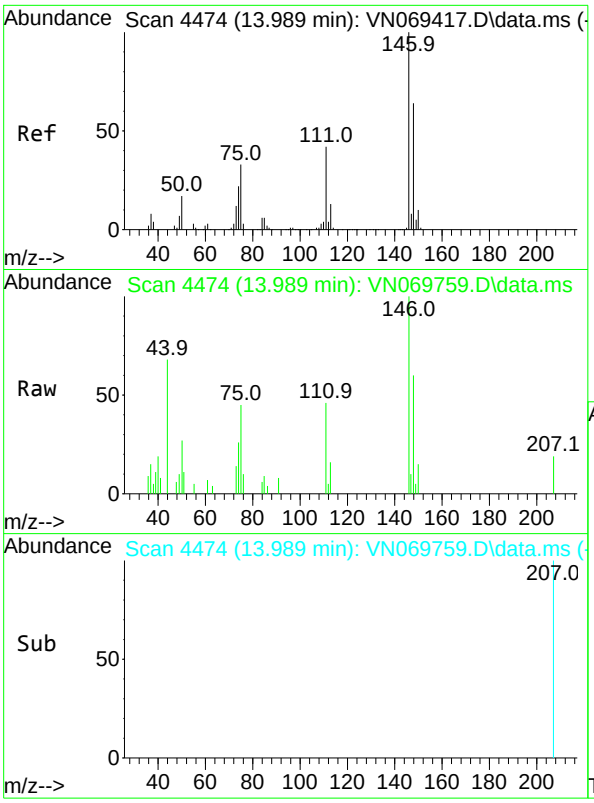


#89
n-Butylbenzene
Concen: 0.305 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 91 Resp: 16039

Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.4	76.0
134	22.3	13.6	40.8



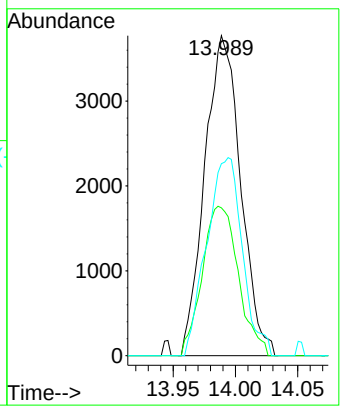


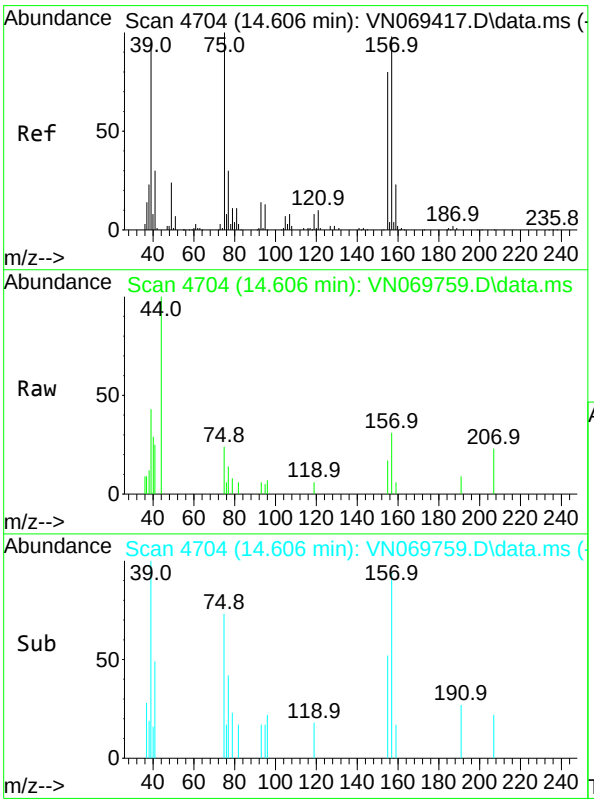
#91
1,2-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.989 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 7570

Ion	Ratio	Lower	Upper
146	100		
111	47.0	19.1	57.3
148	61.5	32.1	96.3

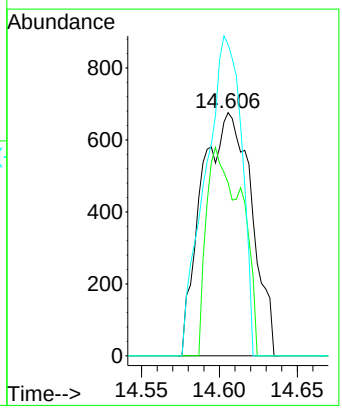


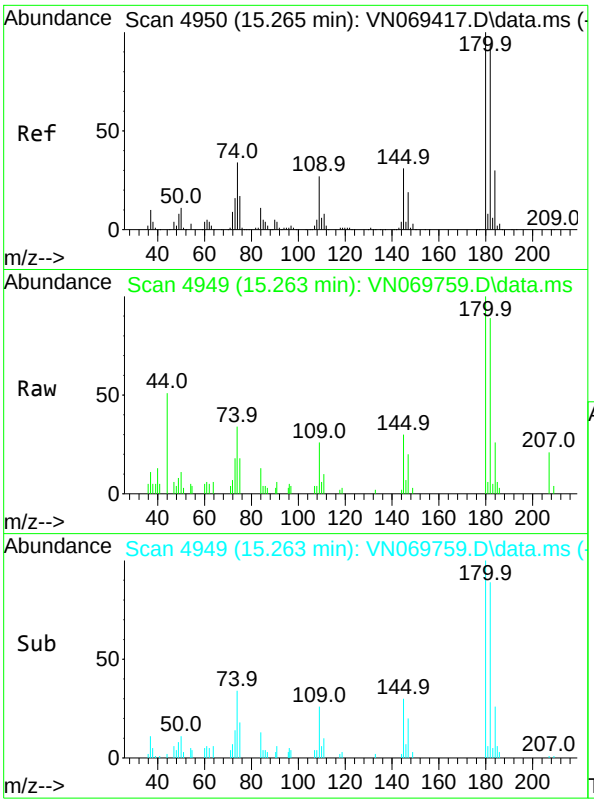


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.281 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion: 75 Resp: 1507

Ion	Ratio	Lower	Upper
75	100		
155	60.3	46.9	140.7
157	95.6	60.6	181.7



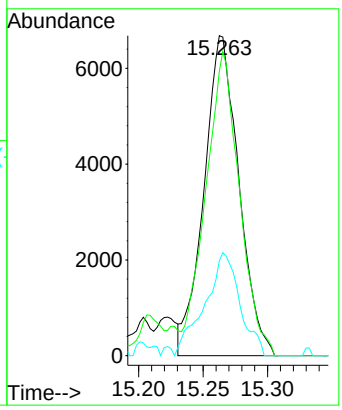


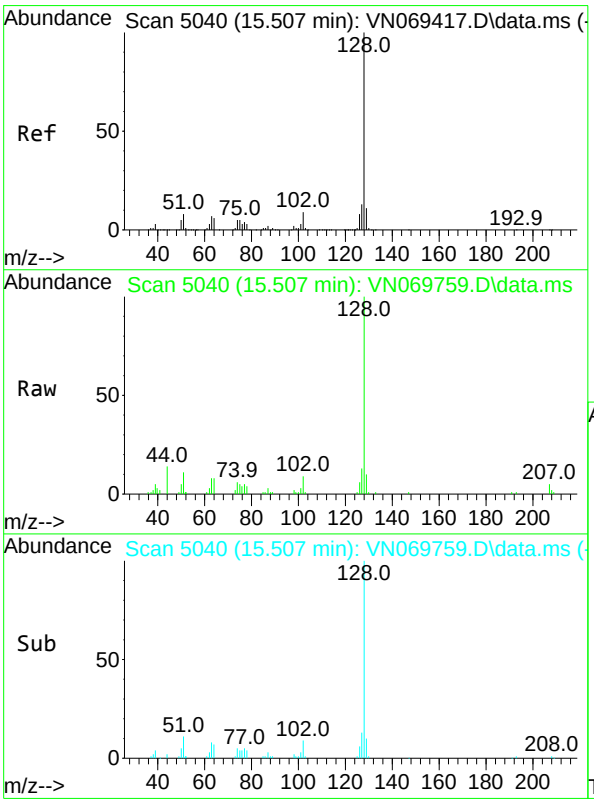
#93
1,2,4-Trichlorobenzene
Concen: 3.627 ug/l
RT: 15.263 min Scan# 4
Delta R.T. -0.002 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 12584

Ion	Ratio	Lower	Upper
180	100		
182	92.0	48.3	144.9
145	32.4	14.5	43.5

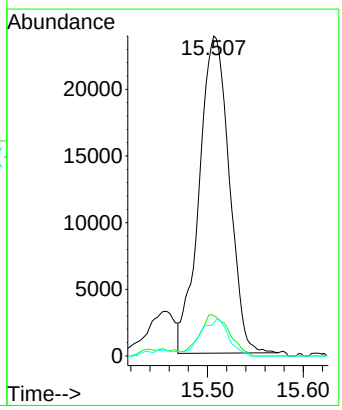


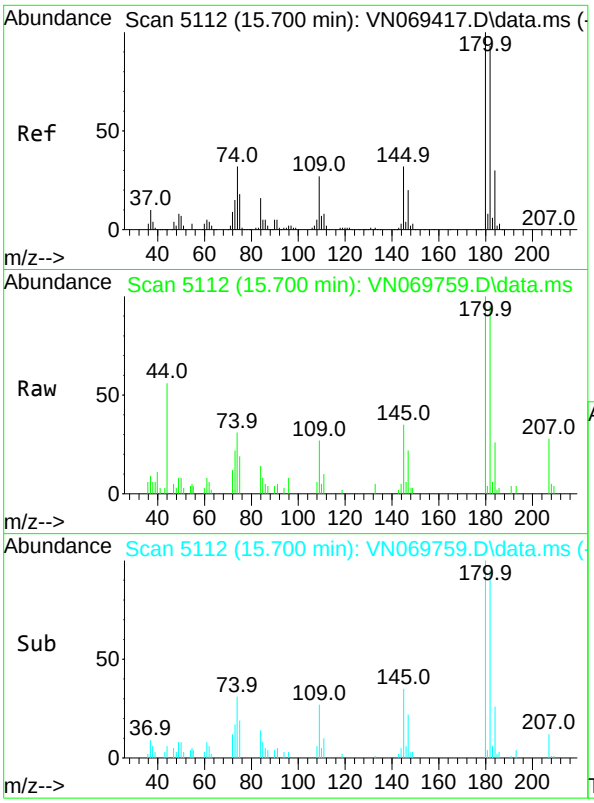


#95
Naphthalene
Concen: 4.995 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Tgt Ion:128 Resp: 51777

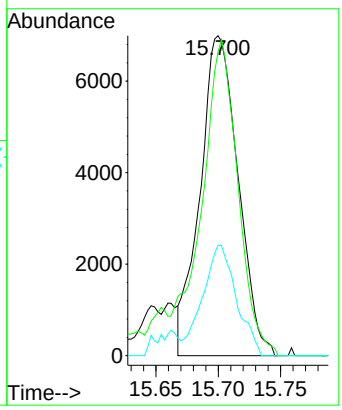
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.352 ug/l
RT: 15.700 min Scan# 5
Delta R.T. -0.002 min
Lab File: VN069759.D
Acq: 4 Dec 2021 12:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 14869

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.4	142.2
145	30.7	15.0	45.1