Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066947.D
Acq On : 4 May 2021 19:53
Operator : JC/MD
Sample : PB136139ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 05 05:27:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.589	168	494618	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.520	114	836400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	810852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	286016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	401881	51.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.24%			
35) Dibromofluoromethane	7.512	113	283258	49.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.74%			
50) Toluene-d8	10.030	98	1124126	51.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.94%			
62) 4-Bromofluorobenzene	12.350	95	356370	48.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.32%			
Target Compounds						Qvalue
3) Chloromethane	2.035	50	2211	0.23	ug/l #	88
13) Acrolein	3.548	56	1755	1.92	ug/l #	48
14) Allyl chloride	4.468	41	11076	1.02	ug/l #	25
16) Acetone	3.757	43	155422	56.75	ug/l	97
17) Carbon Disulfide	3.998	76	3358	0.20	ug/l #	74
18) Methyl Acetate	4.250	43	6331	0.81	ug/l	98
20) Methylene Chloride	4.470	84	275279	39.63	ug/l	91
25) 2-Butanone	6.763	43	10435	2.58	ug/l	99
29) Tetrahydrofuran	7.128	42	580	0.22	ug/l #	62
31) Cyclohexane	7.587	56	12297	1.12	ug/l #	13
36) 1,1-Dichloropropene	7.589	75	44826	5.15	ug/l #	47
38) Carbon Tetrachloride	7.592	117	51284	5.65	ug/l #	17
43) Isopropyl Acetate	8.096	43	59472	4.13	ug/l #	87
48) Methyl methacrylate	9.115	41	14073	2.20	ug/l #	10
49) 1,4-Dioxane	9.199	88	182	1.80	ug/l #	26
51) 4-Methyl-2-Pentanone	9.920	43	15585	1.87	ug/l #	87
54) cis-1,3-Dichloropropene	9.845	75	97198	8.48	ug/l #	65
56) Ethyl methacrylate	10.481	69	786	5.26	ug/l #	1
57) 1,3-Dichloropropane	10.706	76	61705	5.46	ug/l #	43
59) 2-Hexanone	10.709	43	886812	157.51	ug/l #	50
70) Styrene	11.915	104	66	4.71	ug/l #	26
71) Bromoform	12.347	173	3359	0.69	ug/l #	1
76) 1,2,3-Trichloropropane	12.350	75	188971	27.73	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.688	105	7651	0.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.350	75	188971	82.86	ug/l #	12
89) n-Butylbenzene	13.610	91	116	5.25	ug/l #	34

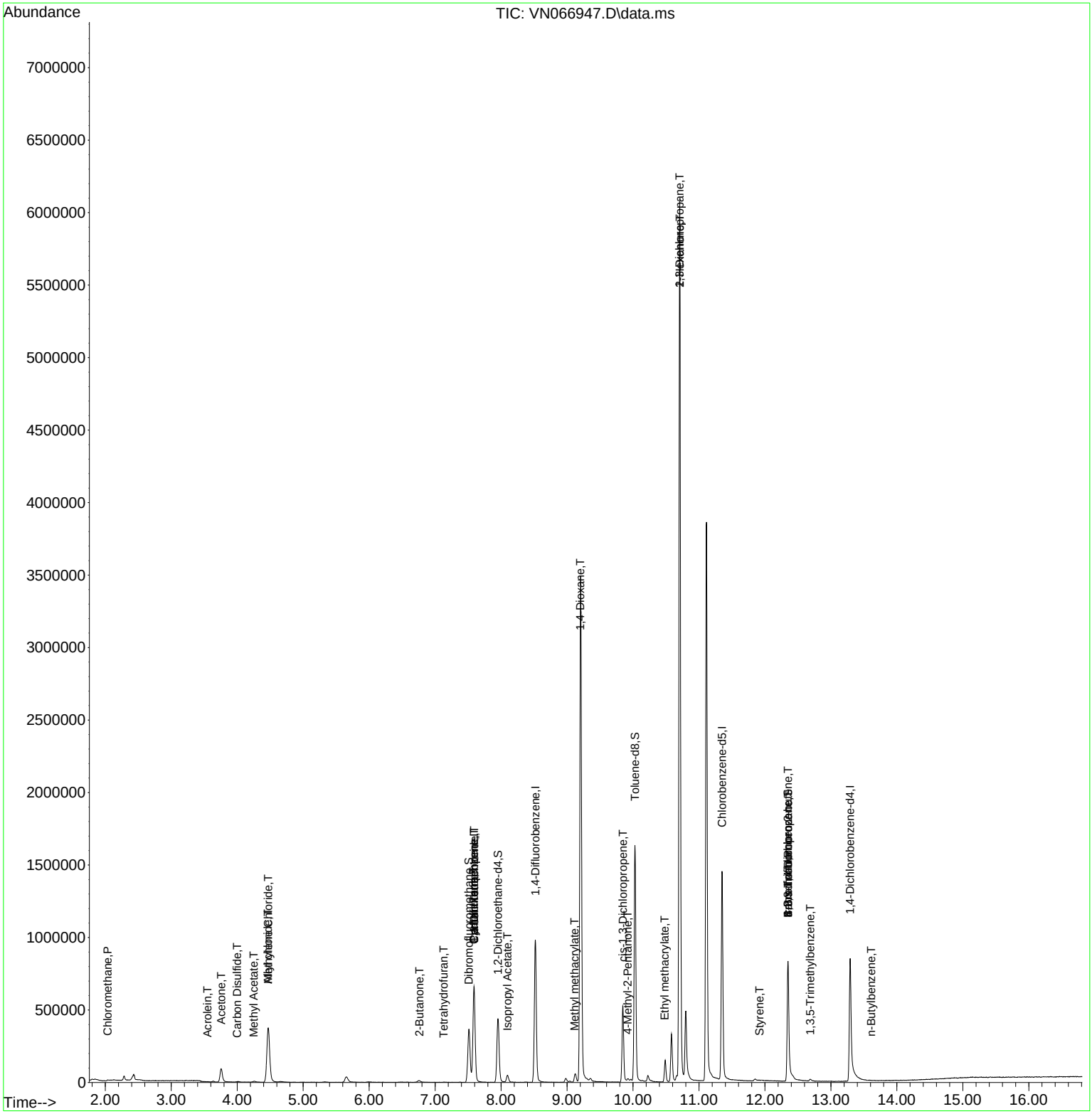
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

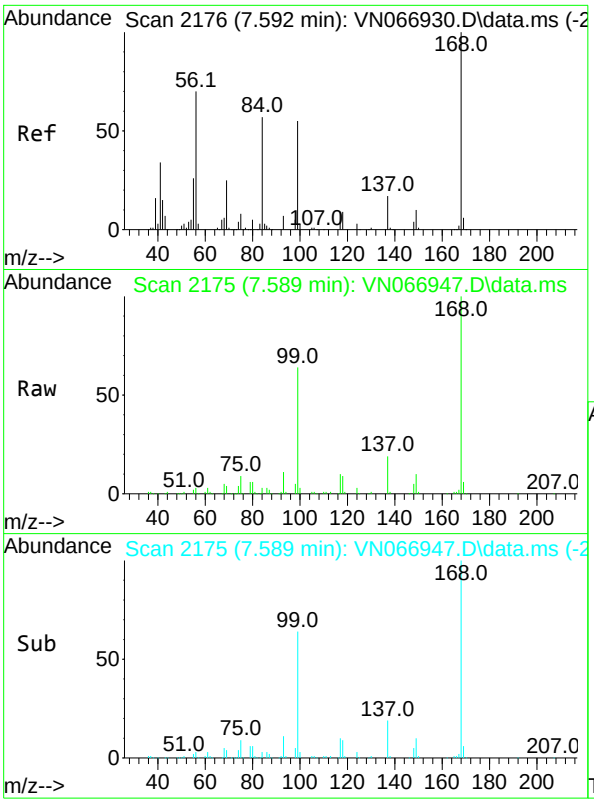
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066947.D
Acq On : 4 May 2021 19:53
Operator : JC/MD
Sample : PB136139ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 05 05:27:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration



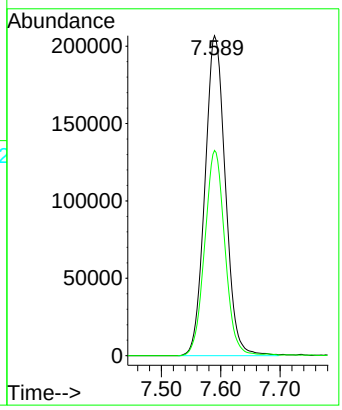
Instrument :
MSVOA_N
ClientSampleId :

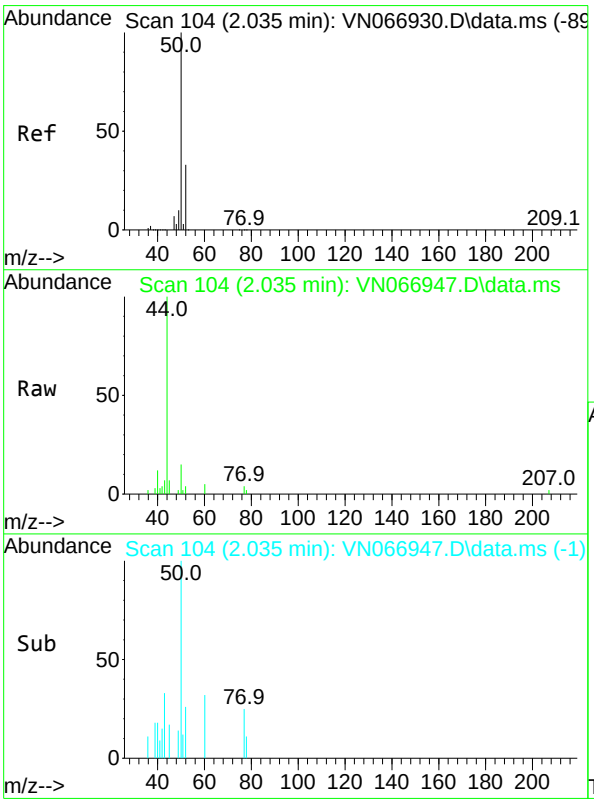


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:168 Resp: 494618

Ion	Ratio	Lower	Upper
168	100		
99	64.2	42.6	63.8#

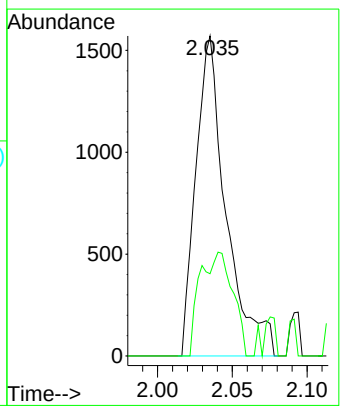




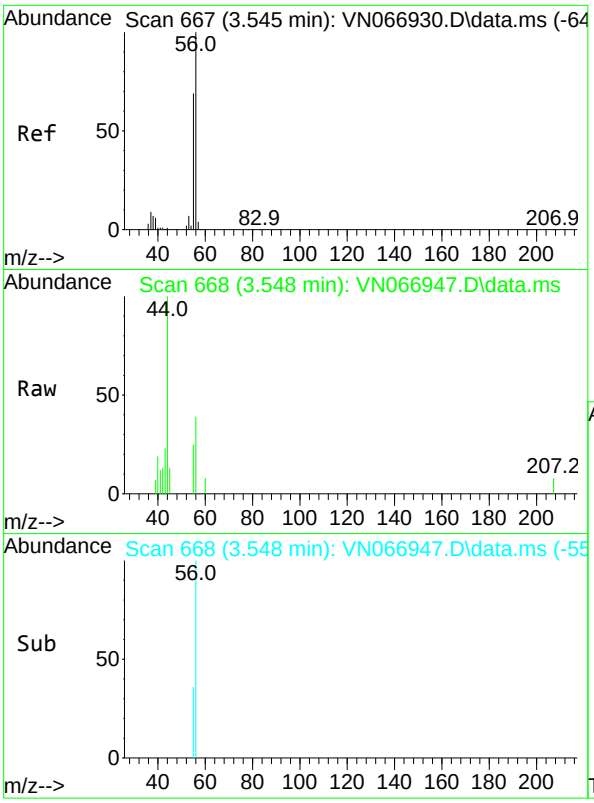
#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 50 Resp: 2211

Ion	Ratio	Lower	Upper
50	100		
52	25.7	25.8	38.8#



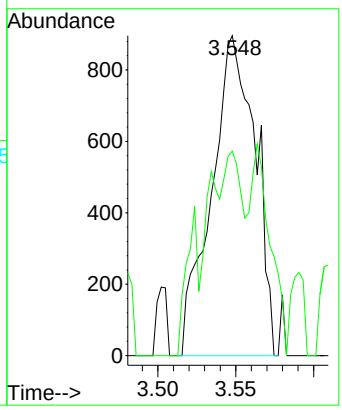
Instrument :
MSVOA_N
ClientSampleId :

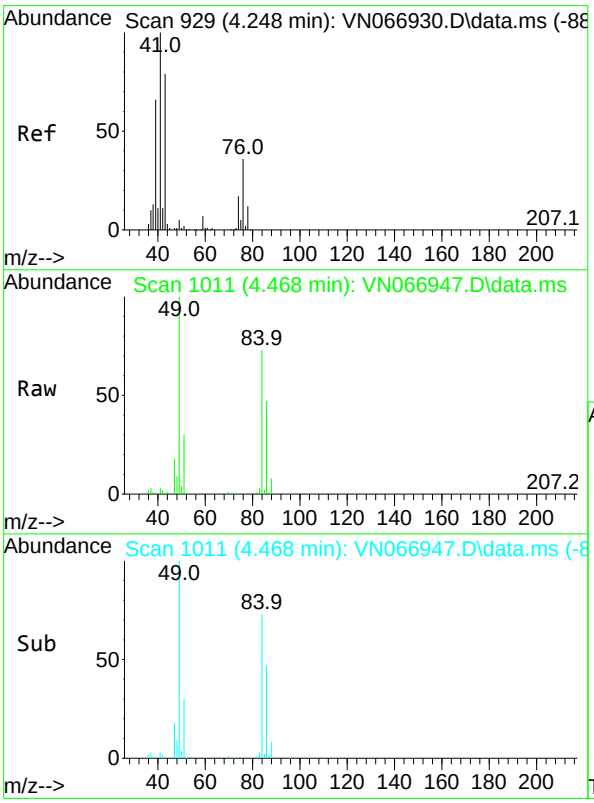


#13
Acrolein
Concen: 1.92 ug/l
RT: 3.548 min Scan# 668
Delta R.T. 0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 56 Resp: 1755

Ion	Ratio	Lower	Upper
56	100		
55	27.6	56.0	84.0#

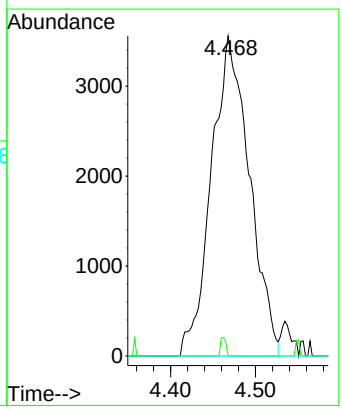




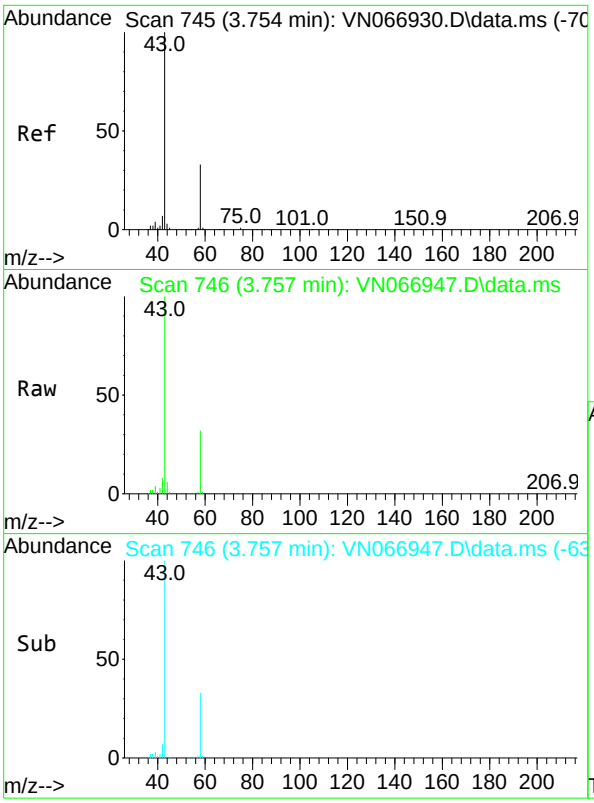
#14
Allyl chloride
Concen: 1.02 ug/l
RT: 4.468 min Scan# 1011
Delta R.T. 0.220 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 41 Resp: 11076

Ion	Ratio	Lower	Upper
41	100		
39	0.8	53.0	79.4#
76	0.0	28.9	43.3#



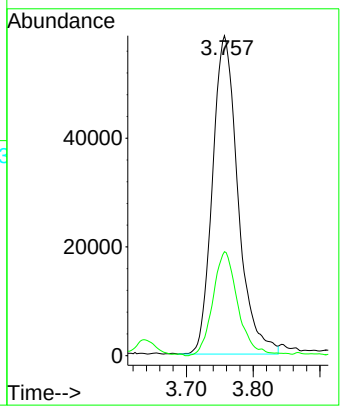
Instrument :
MSVOA_N
ClientSampleId :

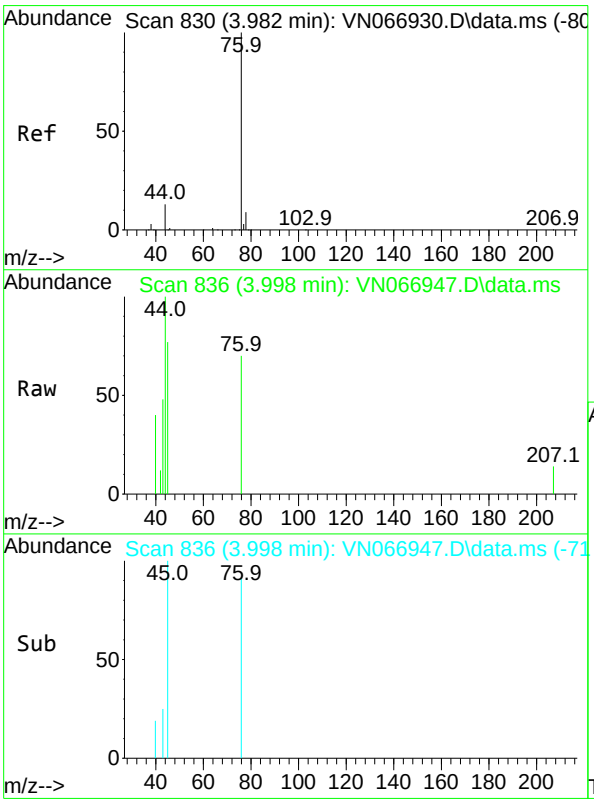


#16
Acetone
Concen: 56.75 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 155422

Ion	Ratio	Lower	Upper
43	100		
58	32.2	27.0	40.6

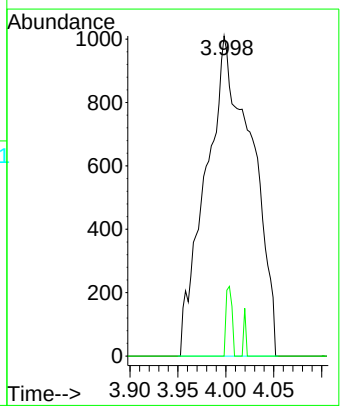


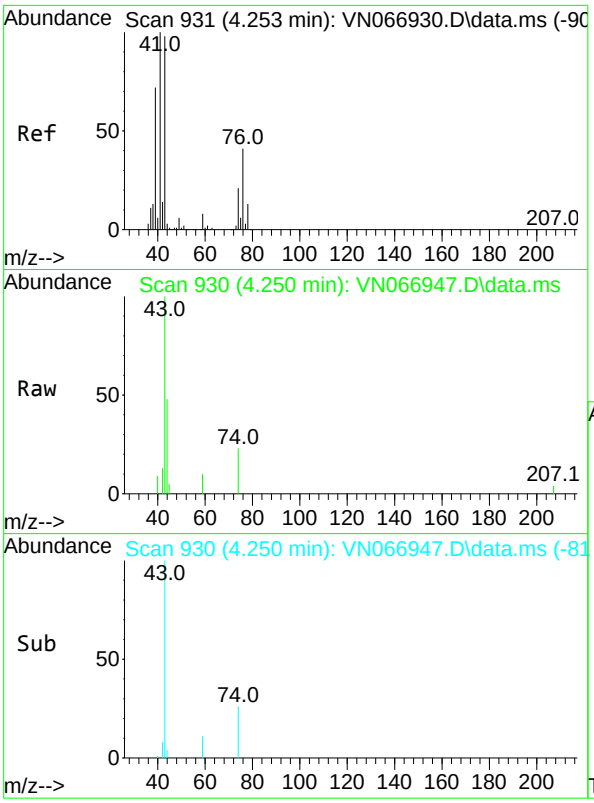


#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 3.998 min Scan# 836
Delta R.T. 0.016 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 76 Resp: 3358

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.8	11.6#

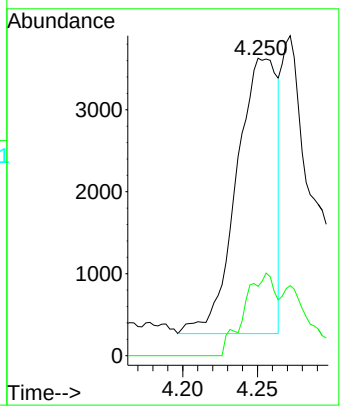




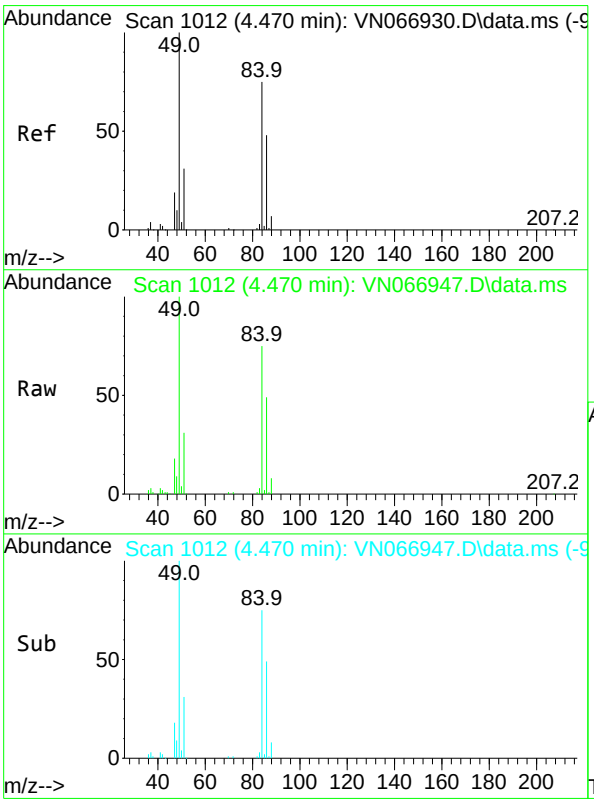
#18
Methyl Acetate
Concen: 0.81 ug/l
RT: 4.250 min Scan# 930
Delta R.T. -0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 6331

Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.5	29.3



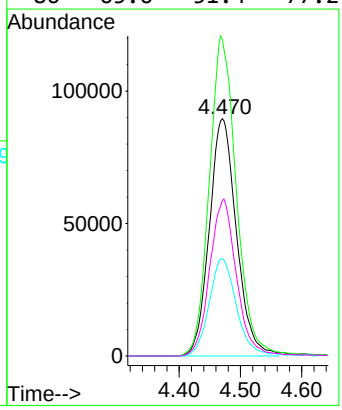
Instrument :
MSVOA_N
ClientSampleId :



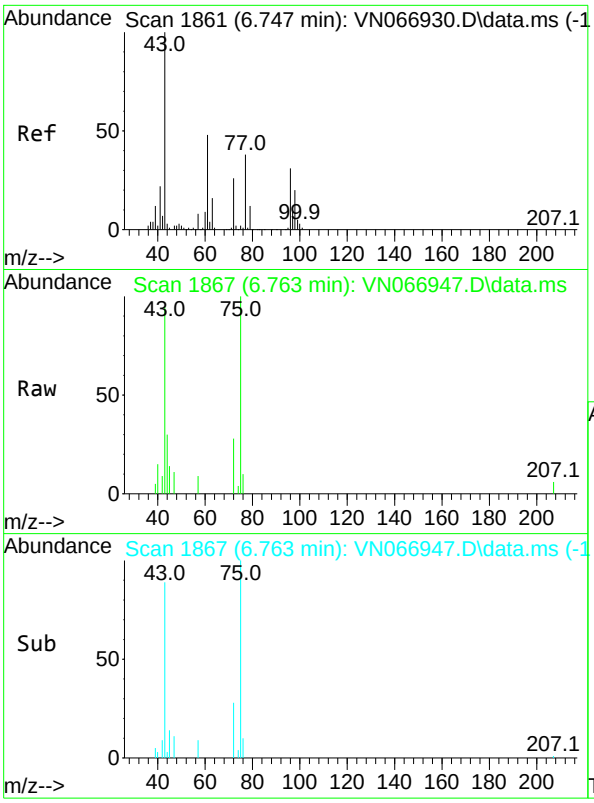
#20
Methylene Chloride
Concen: 39.63 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 84 Resp: 275279

Ion	Ratio	Lower	Upper
84	100		
49	133.2	94.6	141.8
51	40.9	29.9	44.9
86	65.6	51.4	77.2



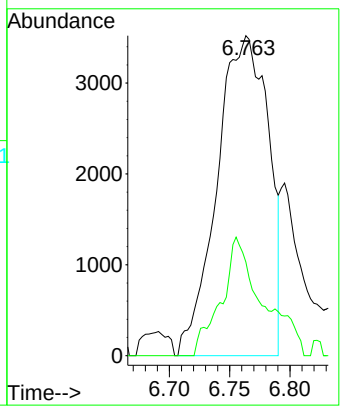
Instrument :
MSVOA_N
ClientSampleId :

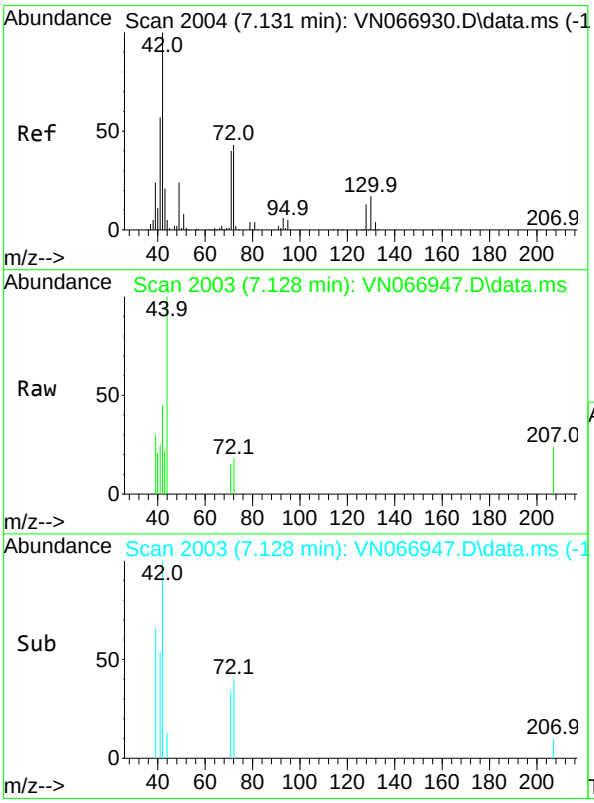


#25
2-Butanone
Concen: 2.58 ug/l
RT: 6.763 min Scan# 1867
Delta R.T. 0.016 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 10435

Ion	Ratio	Lower	Upper
43	100		
72	29.2	23.1	34.7

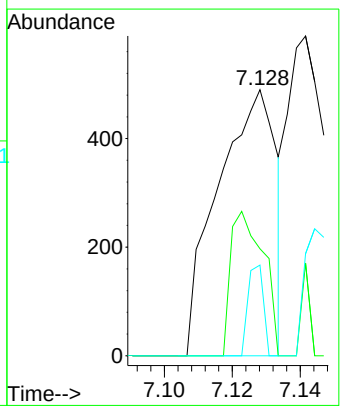




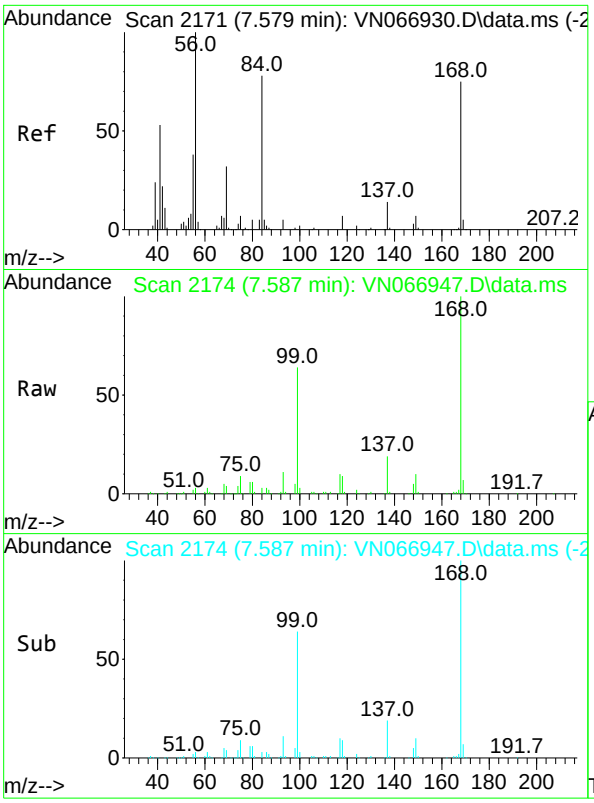
#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.128 min Scan# 2003
Delta R.T. -0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 42 Resp: 580

Ion	Ratio	Lower	Upper
42	100		
72	30.5	36.6	55.0#
71	9.0	34.3	51.5#



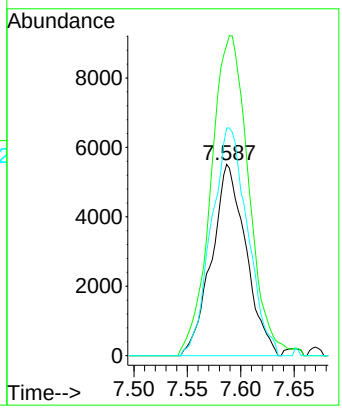
Instrument :
MSVOA_N
ClientSampleId :

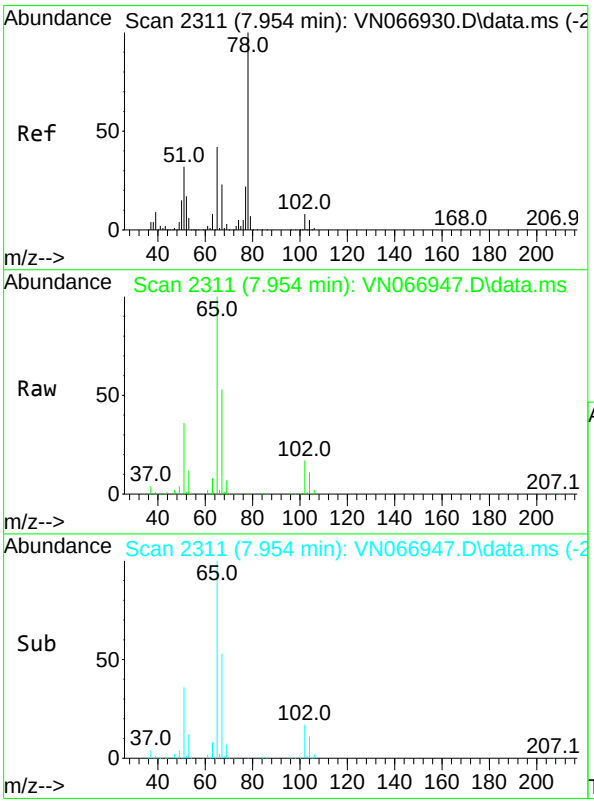


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. 0.008 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 56 Resp: 12297

Ion	Ratio	Lower	Upper
56	100		
69	162.3	26.6	39.8#
84	119.0	70.4	105.6#

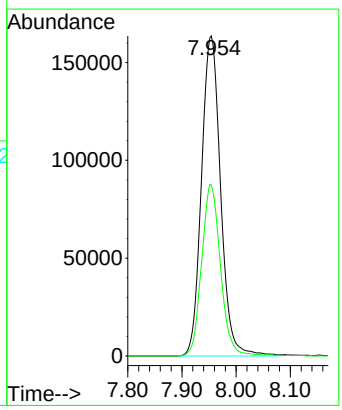


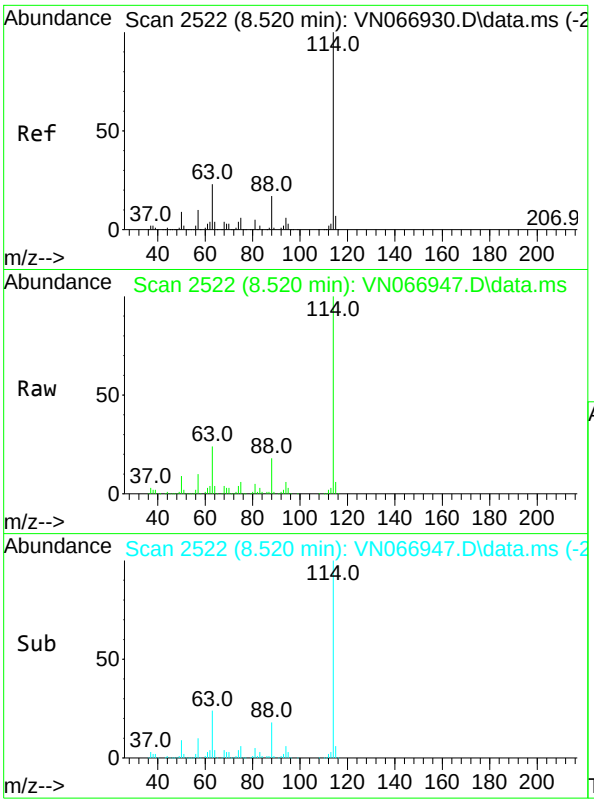


#33
1,2-Dichloroethane-d4
Concen: 51.62 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 65 Resp: 401881

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.2

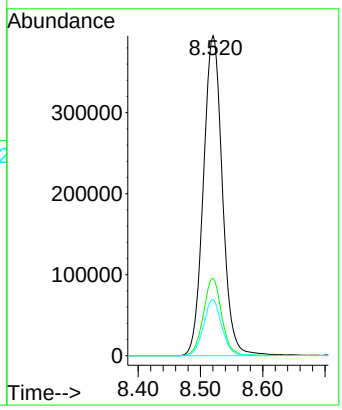




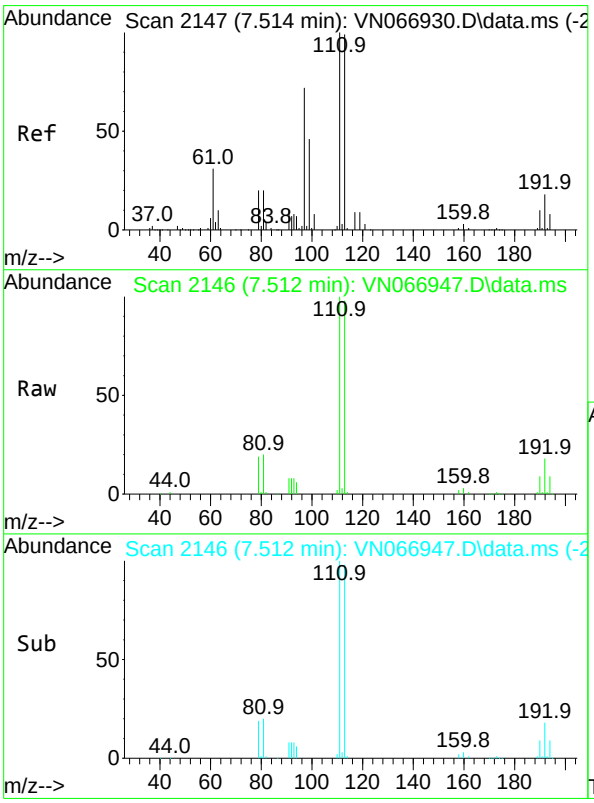
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:114 Resp: 836400

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	38.6
88	17.5	0.0	30.6



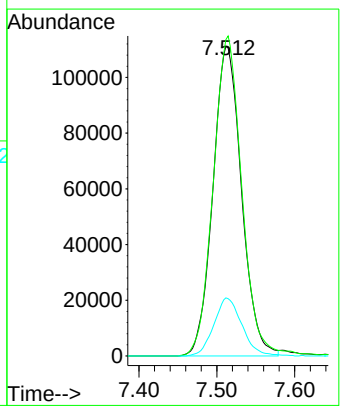
Instrument :
MSVOA_N
ClientSampleId :

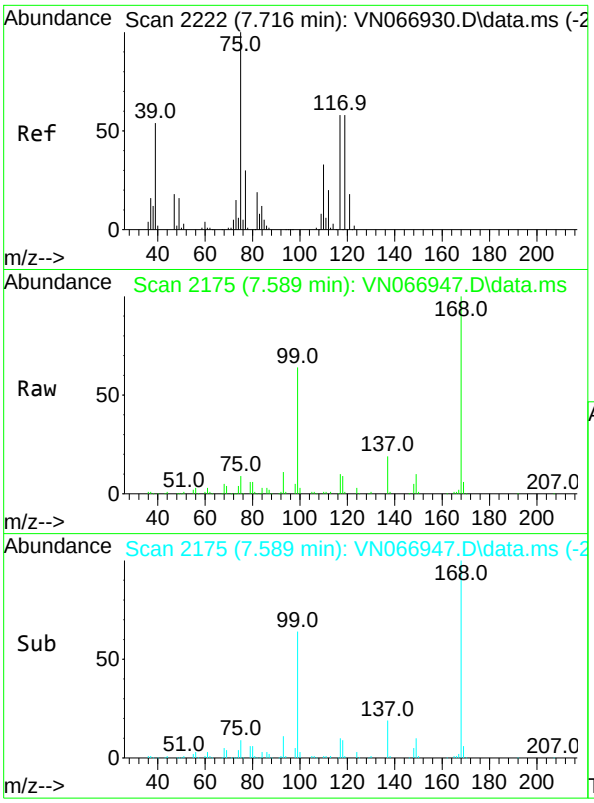


#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:113 Resp: 283258

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	18.5	15.4	23.0

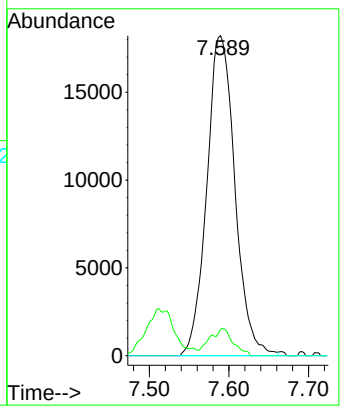




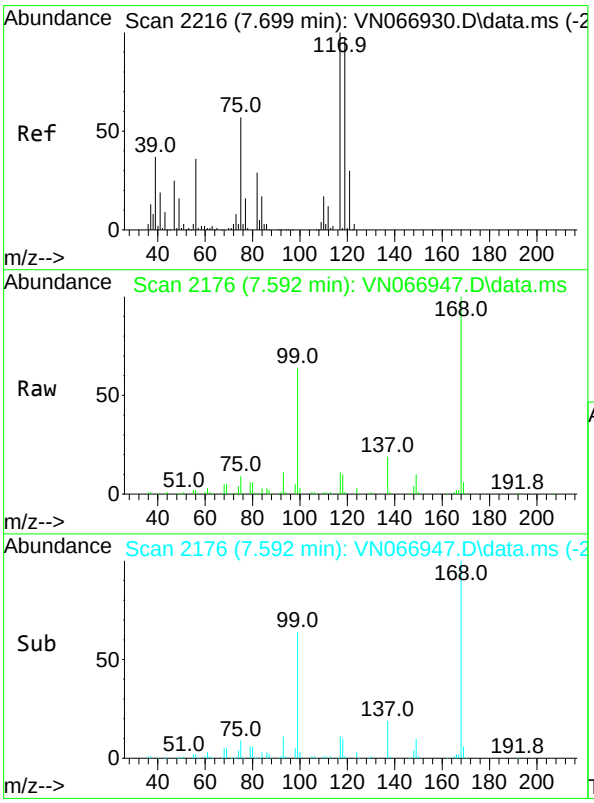
#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 75 Resp: 44826

Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.2	54.6#
77	0.0	24.9	37.3#



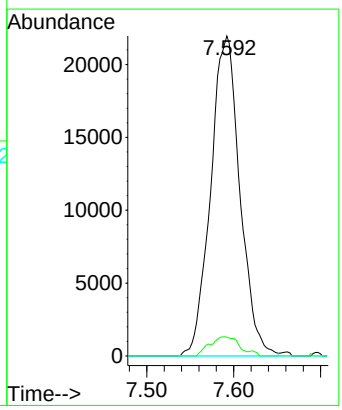
Instrument :
MSVOA_N
ClientSampleId :



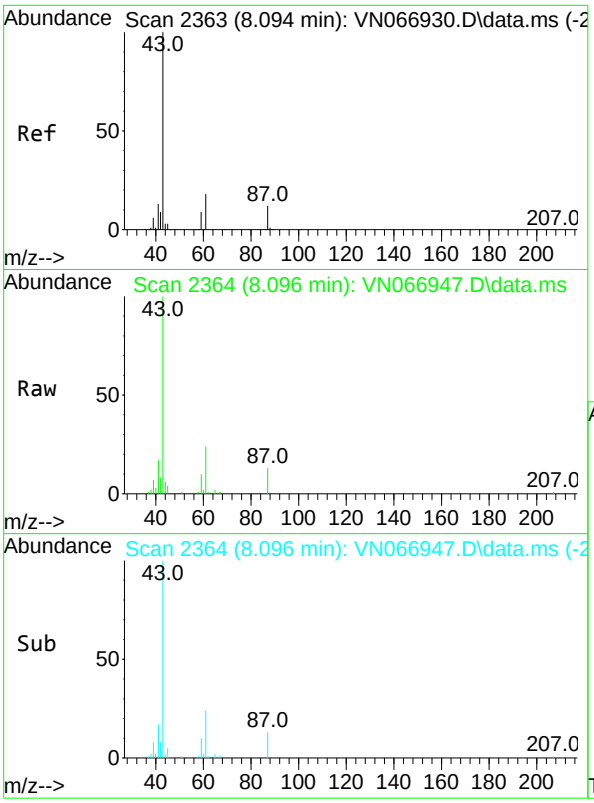
#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. -0.107 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:117 Resp: 51284

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.0	114.0#
121	0.0	24.5	36.7#



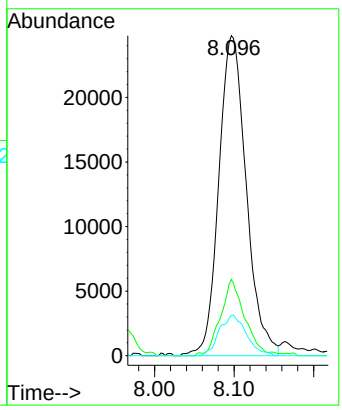
Instrument :
MSVOA_N
ClientSampleId :

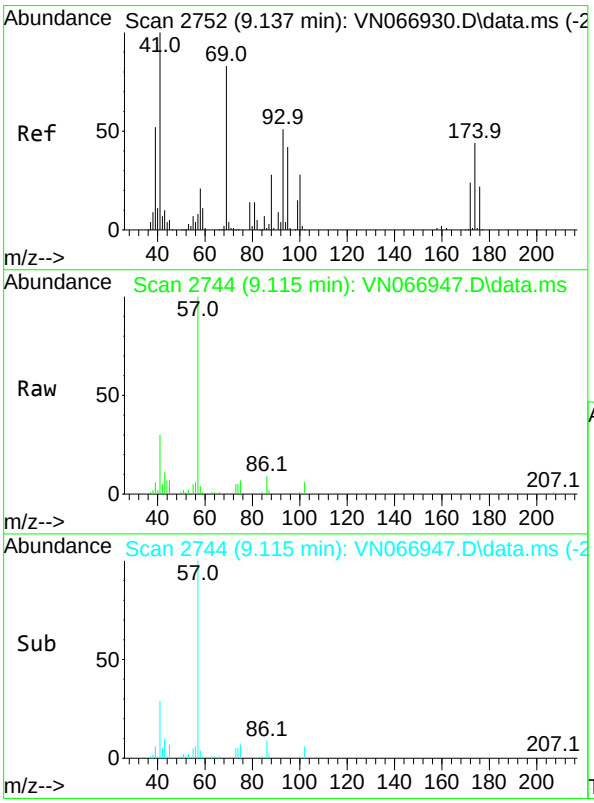


#43
Isopropyl Acetate
Concen: 4.13 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 59472

Ion	Ratio	Lower	Upper
43	100		
61	19.1	22.5	33.7#
87	12.5	11.1	16.7

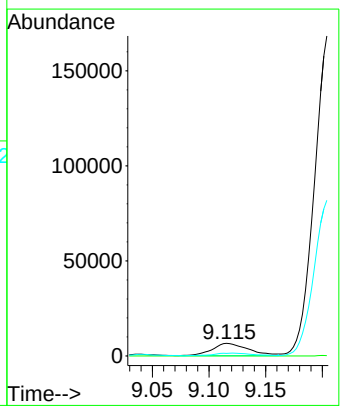




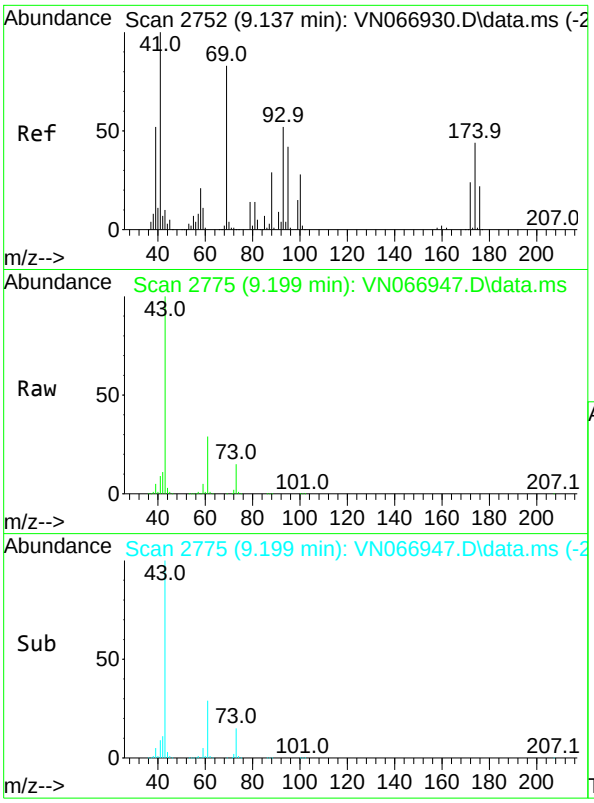
#48
Methyl methacrylate
Concen: 2.20 ug/l
RT: 9.115 min Scan# 2744
Delta R.T. -0.022 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 41 Resp: 14073

Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.9	113.9#
39	0.0	46.6	69.8#



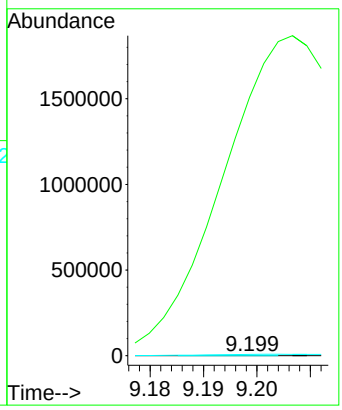
Instrument :
MSVOA_N
ClientSampleId :

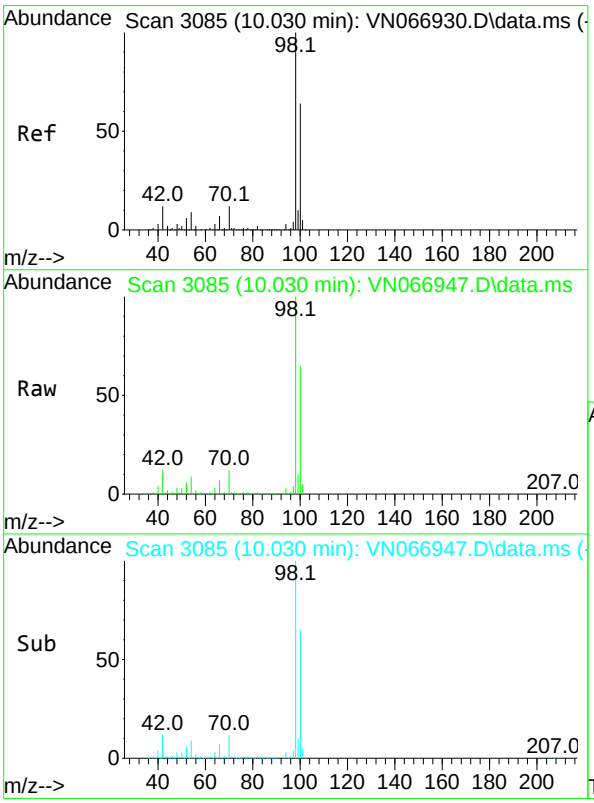


#49
1,4-Dioxane
Concen: 1.80 ug/l
RT: 9.199 min Scan# 2775
Delta R.T. 0.062 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 88 Resp: 182

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	0.0	52.6	78.8#

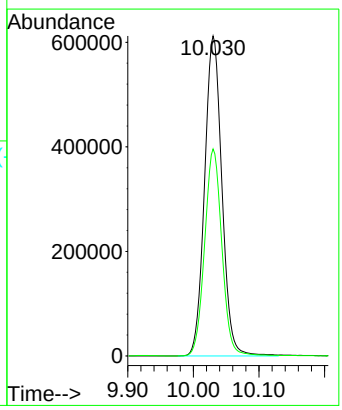




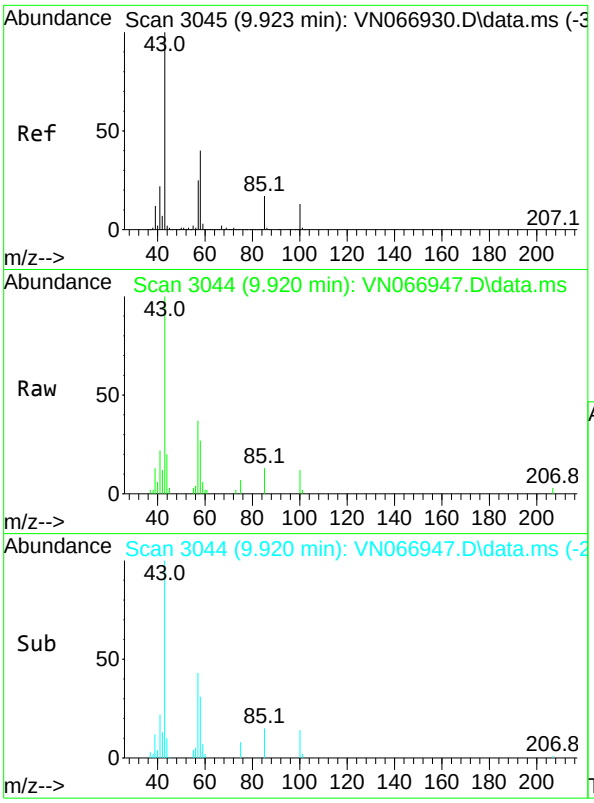
#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 98 Resp: 1124126

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.5	75.7



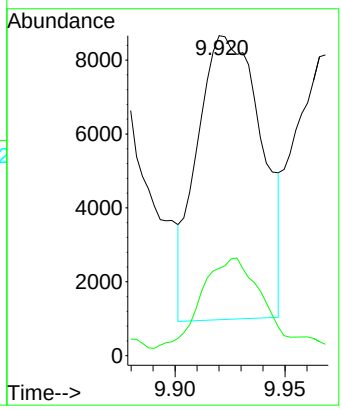
Instrument :
MSVOA_N
ClientSampleId :

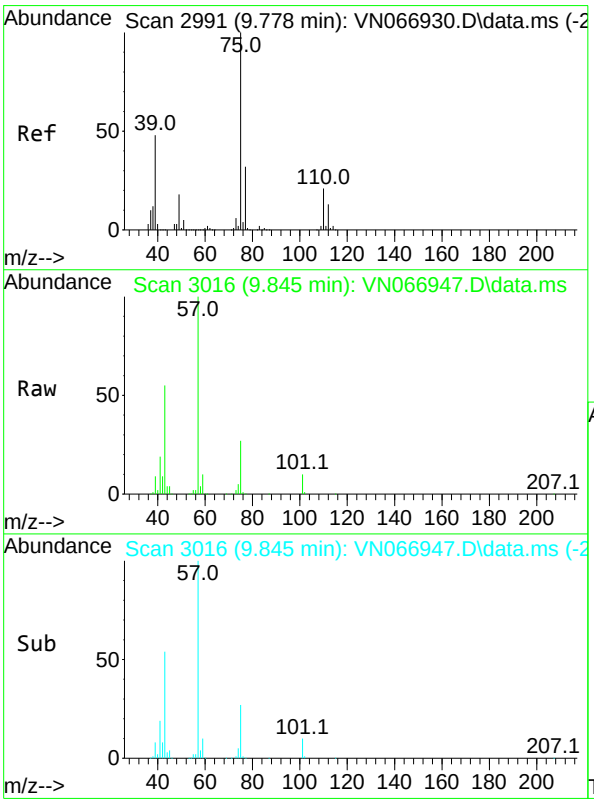


#51
4-Methyl-2-Pentanone
Concen: 1.87 ug/l
RT: 9.920 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 15585

Ion	Ratio	Lower	Upper
43	100		
58	32.5	32.5	48.7#

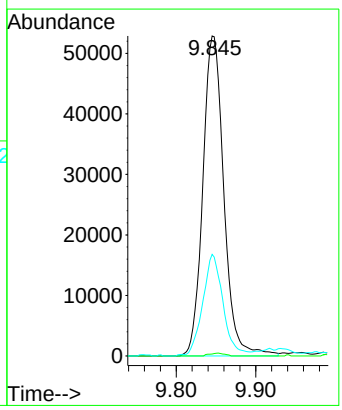




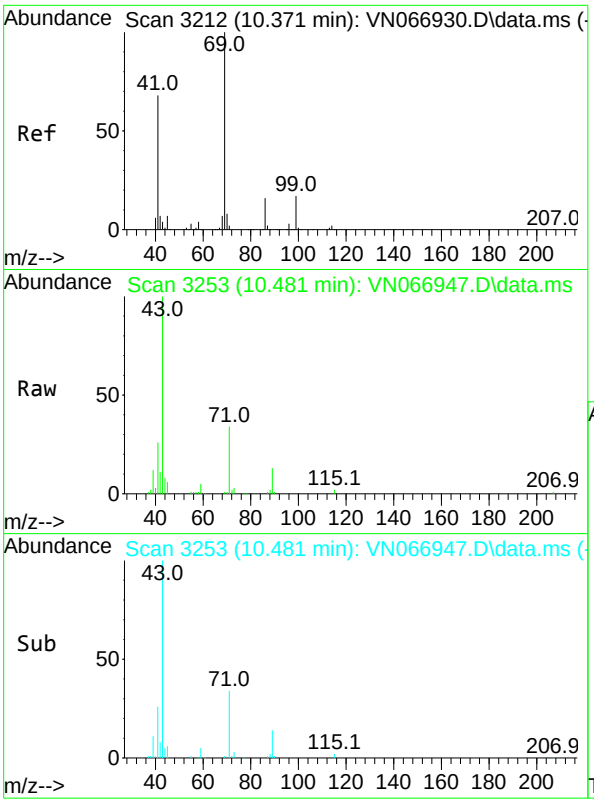
#54
cis-1,3-Dichloropropene
Concen: 8.48 ug/l
RT: 9.845 min Scan# 3016
Delta R.T. 0.067 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 75 Resp: 97198

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.9	37.3#
39	31.4	36.2	54.4#



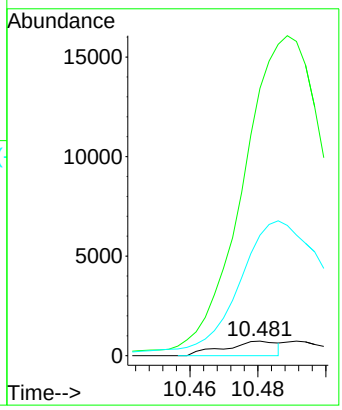
Instrument :
MSVOA_N
ClientSampleId :

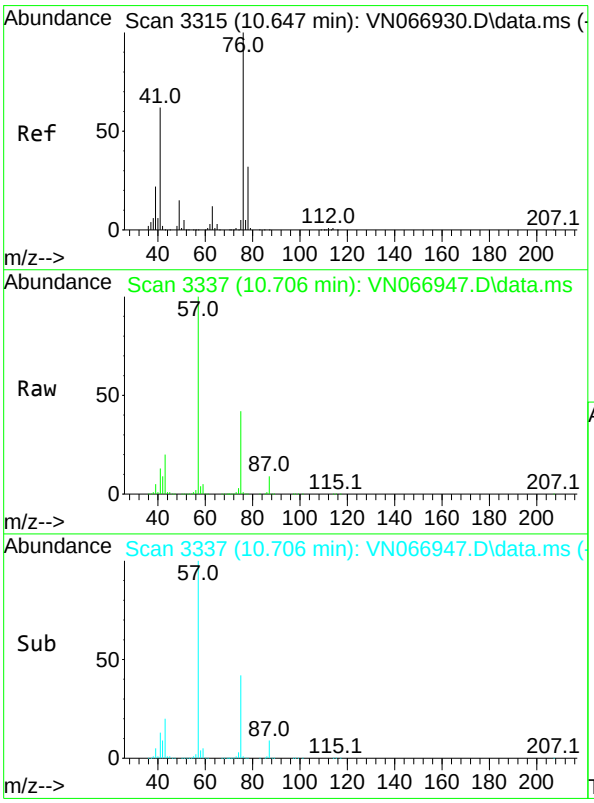


#56
Ethyl methacrylate
Concen: 5.26 ug/l
RT: 10.481 min Scan# 3253
Delta R.T. 0.110 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 69 Resp: 786

Ion	Ratio	Lower	Upper
69	100		
41	3602.2	49.6	74.4#
39	1697.3	28.0	42.0#

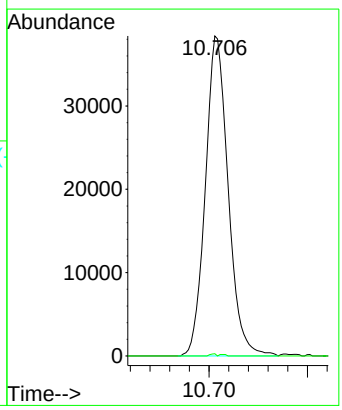




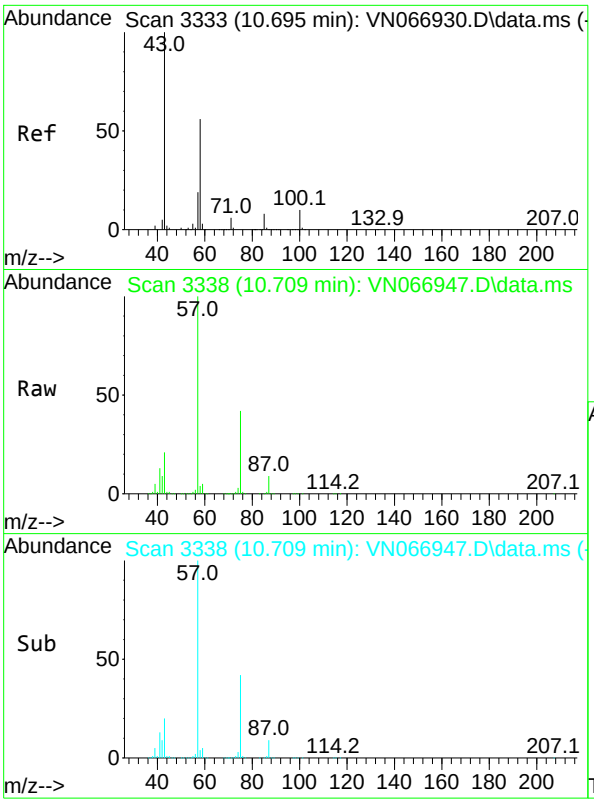
#57
1,3-Dichloropropane
Concen: 5.46 ug/l
RT: 10.706 min Scan# 3337
Delta R.T. 0.059 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 76 Resp: 61705

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.7	38.5#



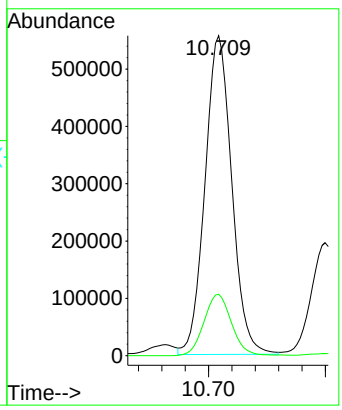
Instrument :
MSVOA_N
ClientSampleId :

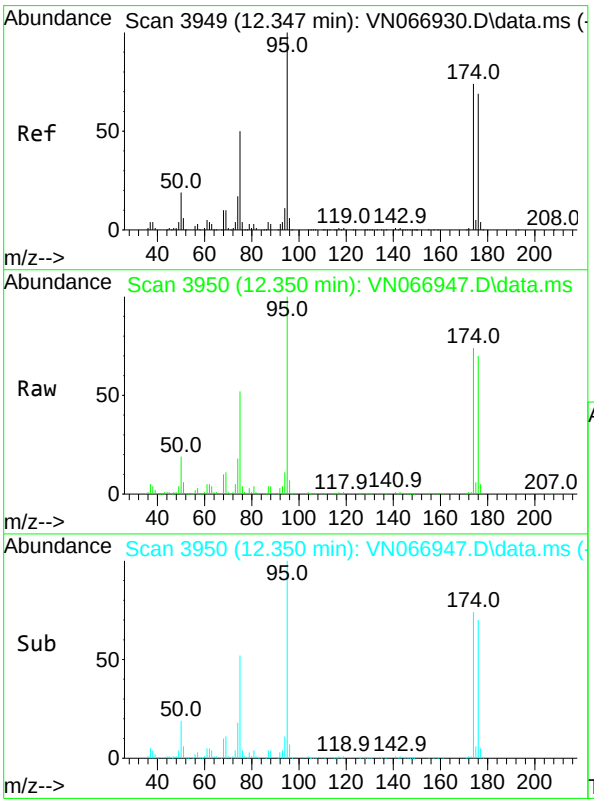


#59
2-Hexanone
Concen: 157.51 ug/l
RT: 10.709 min Scan# 3338
Delta R.T. 0.014 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 43 Resp: 886812

Ion	Ratio	Lower	Upper
43	100		
58	19.8	28.1	84.3#

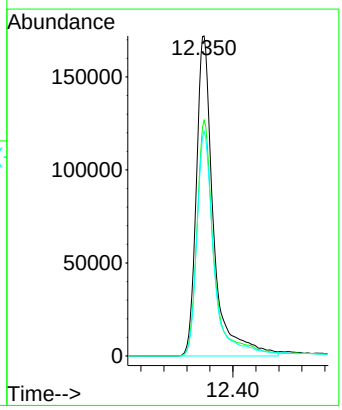




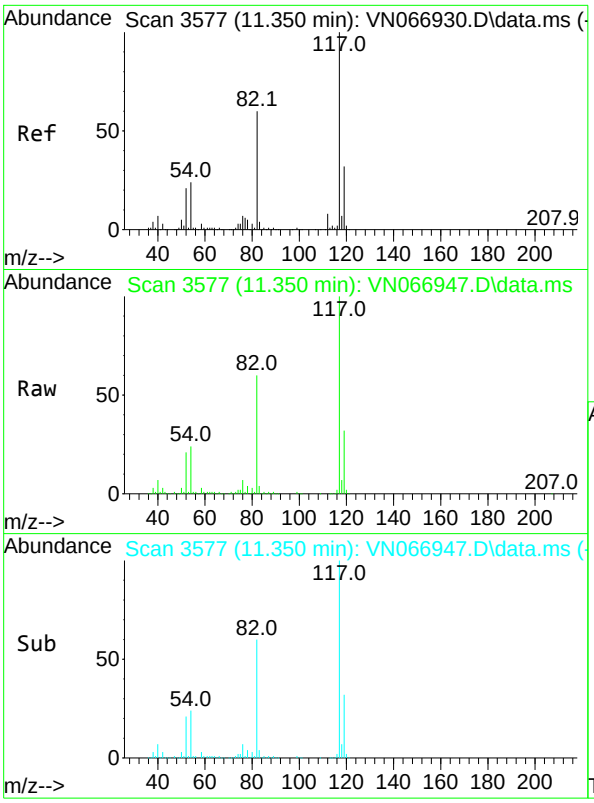
#62
4-Bromofluorobenzene
Concen: 48.66 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 95 Resp: 356370

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	169.0
176	69.8	0.0	162.4



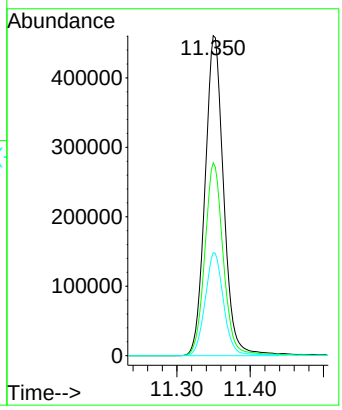
Instrument :
MSVOA_N
ClientSampleId :

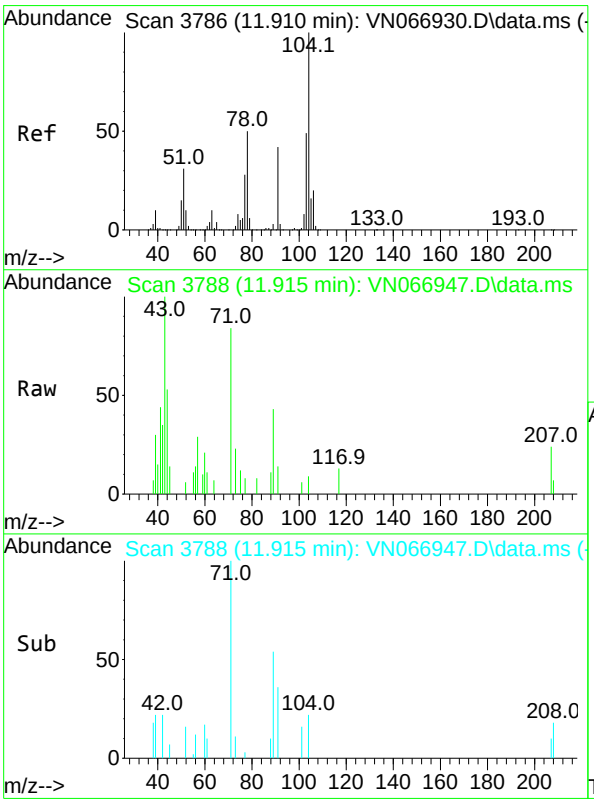


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:117 Resp: 810852

Ion	Ratio	Lower	Upper
117	100		
82	60.2	43.7	65.5
119	32.2	26.1	39.1

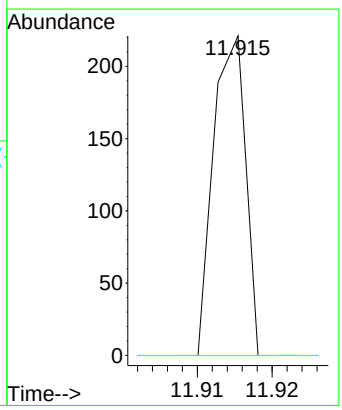




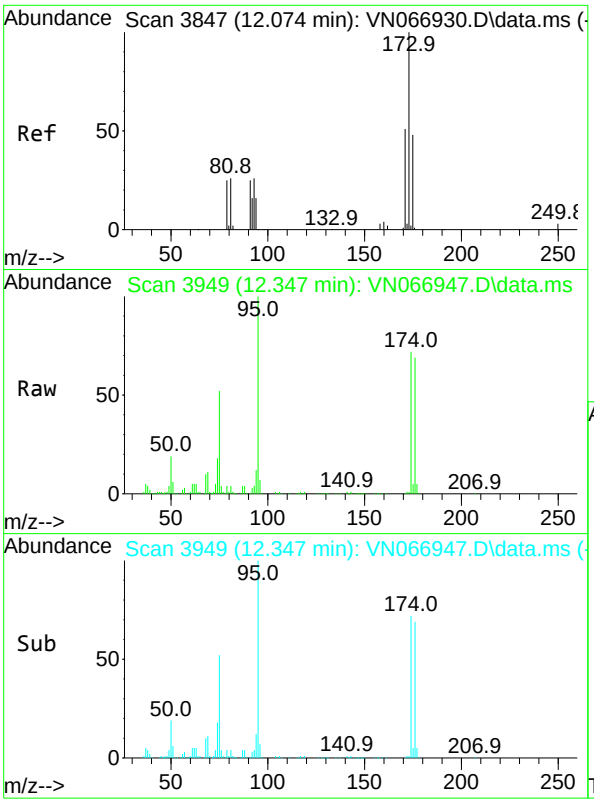
#70
Styrene
Concen: 4.71 ug/l
RT: 11.915 min Scan# 3788
Delta R.T. 0.005 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:104 Resp: 66

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.4#
103	0.0	44.5	66.7#



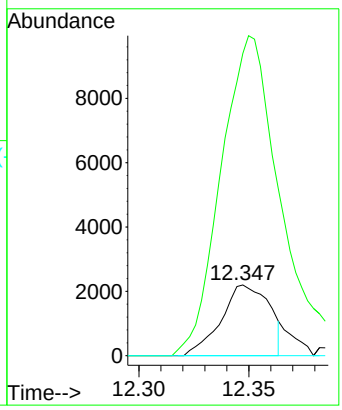
Instrument :
MSVOA_N
ClientSampleId :

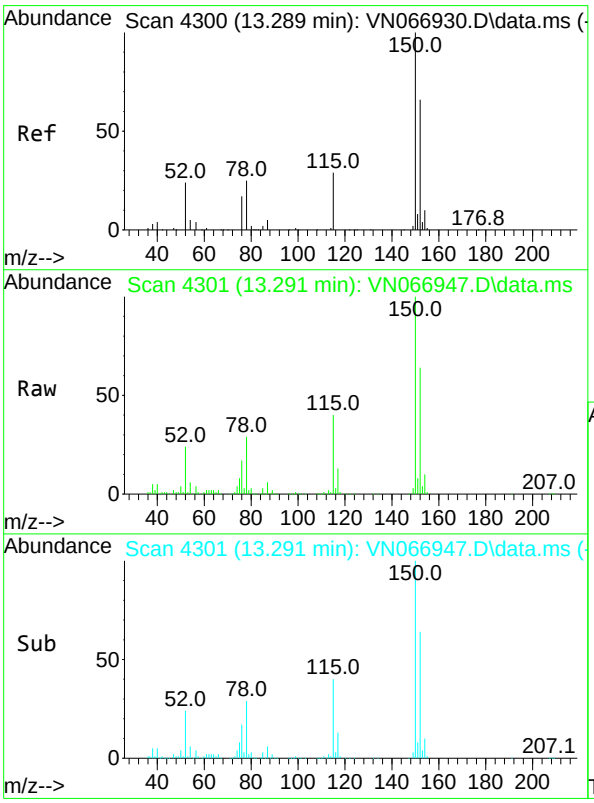


#71
Bromoform
Concen: 0.69 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.273 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:173 Resp: 3359

Ion	Ratio	Lower	Upper
173	100		
175	461.6	23.8	71.2#
254	0.0	0.0	0.0

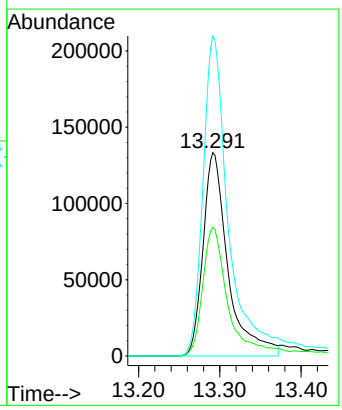




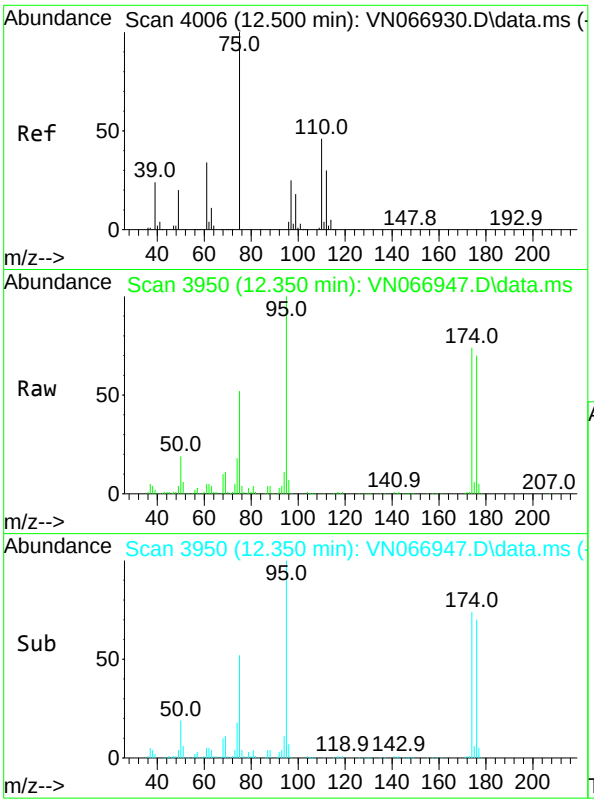
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:152 Resp: 286016

Ion	Ratio	Lower	Upper
152	100		
115	64.2	28.5	85.6
150	166.1	0.0	347.6



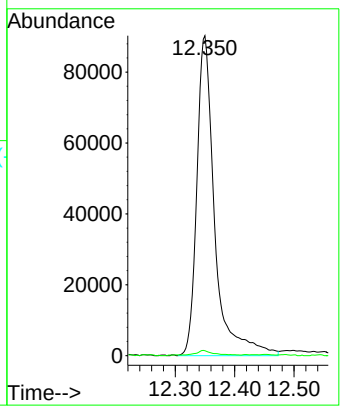
Instrument :
MSVOA_N
ClientSampleId :

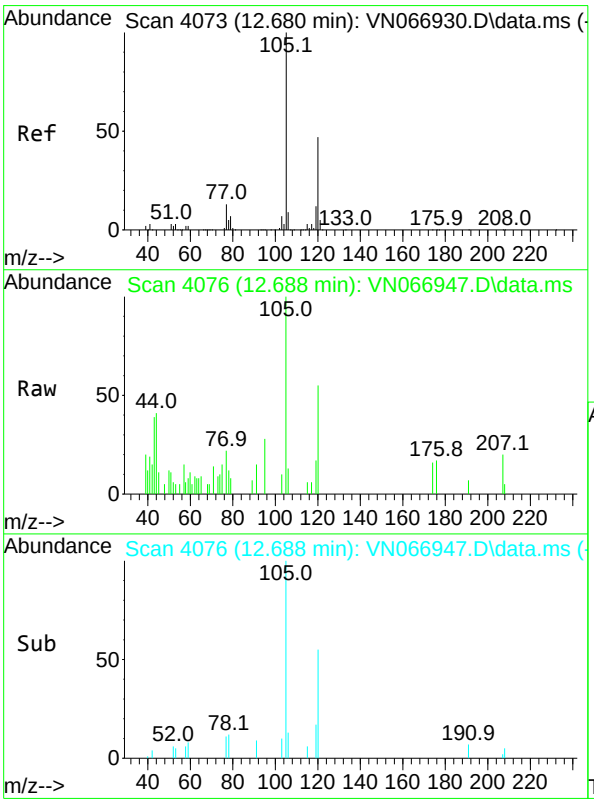


#76
1,2,3-Trichloropropane
Concen: 27.73 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 75 Resp: 188971

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

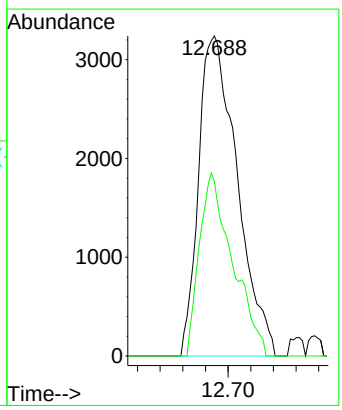




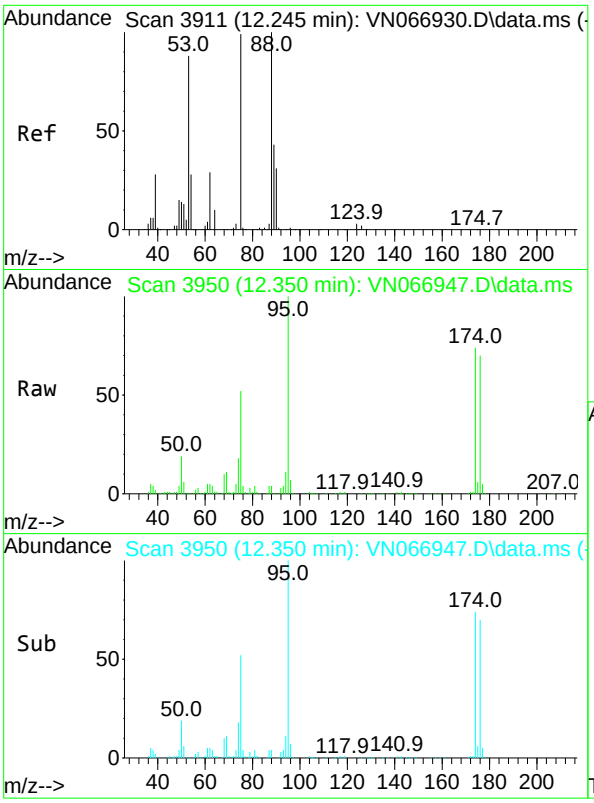
#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 12.688 min Scan# 4076
Delta R.T. 0.008 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion:105 Resp: 7651

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.3	72.8



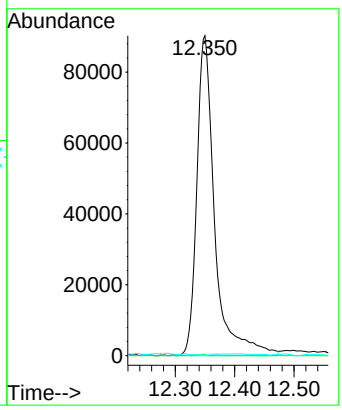
Instrument :
MSVOA_N
ClientSampleId :

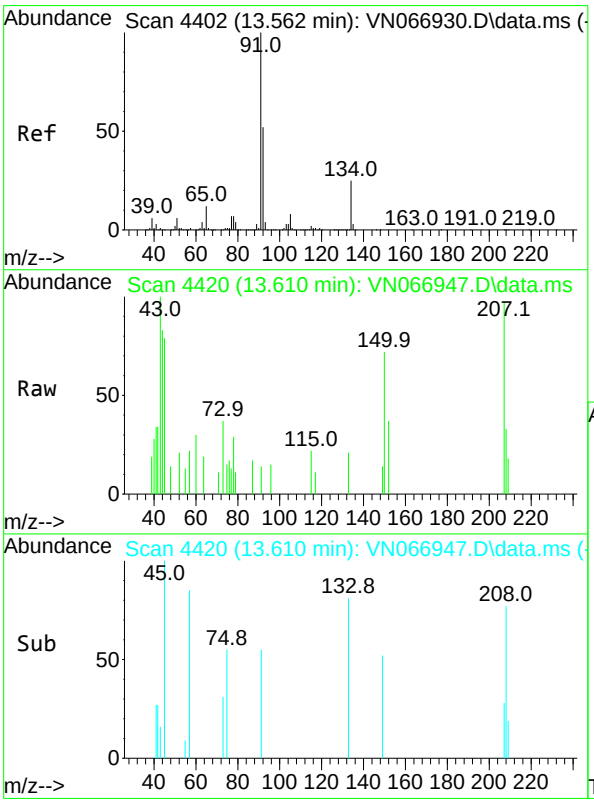


#81
trans-1,4-Dichloro-2-butene
Concen: 82.86 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

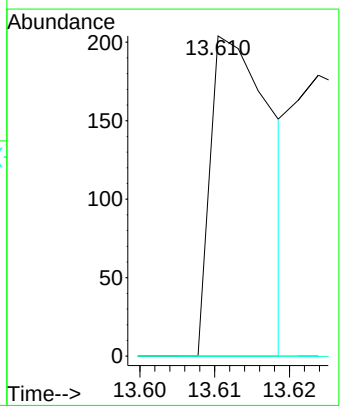
Tgt Ion: 75 Resp: 188971

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.6	111.8#
89	0.1	35.8	53.8#





#89
n-Butylbenzene
Concen: 5.25 ug/l
RT: 13.610 min Scan# 4420
Delta R.T. 0.048 min
Lab File: VN066947.D
Acq: 4 May 2021 19:53

Tgt Ion: 91 Resp: 116

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.1	78.3#
134	0.0	13.0	38.9#