Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
Data File : VU048970.D
Acq On : 08 Jun 2022 18:16
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Quant Time: Jun 09 09:57:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.372	168	398511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	685935	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	719426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	418665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	275949	46.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.220%			
35) Dibromofluoromethane	5.289	113	228713	46.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.480%			
50) Toluene-d8	7.896	98	849159	48.408	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.820%			
62) 4-Bromofluorobenzene	10.632	95	376366	56.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.460%			
Target Compounds						Qvalue
5) Bromomethane	1.864	94	23	Below Cal	#	3
6) Chloroethane	1.900	64	272	Below Cal	#	43
10) Methyl Iodide	2.469	142	77	3.016	ug/l #	25
11) Tert butyl alcohol	3.186	59	980	0.646	ug/l #	28
13) Acrolein	2.482	56	194	Below Cal	#	55
16) Acetone	2.626	43	999	0.328	ug/l	100
20) Methylene Chloride	3.038	84	1436	0.277	ug/l #	73
25) 2-Butanone	4.726	43	1498	0.342	ug/l #	87
31) Cyclohexane	5.369	56	7884	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	30129	4.218	ug/l #	50
38) Carbon Tetrachloride	5.372	117	41009	5.005	ug/l #	17
56) Ethyl methacrylate	8.330	69	21	2.616	ug/l #	1
74) N-amyl acetate	10.320	43	296	2.487	ug/l #	84
76) 1,2,3-Trichloropropane	10.632	75	191209	14.165	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	191209	51.431	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.455	105	91	1.190	ug/l	92
89) n-Butylbenzene	12.211	91	1411	2.241	ug/l	78
95) Naphthalene	14.089	128	1855	2.586	ug/l	96

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

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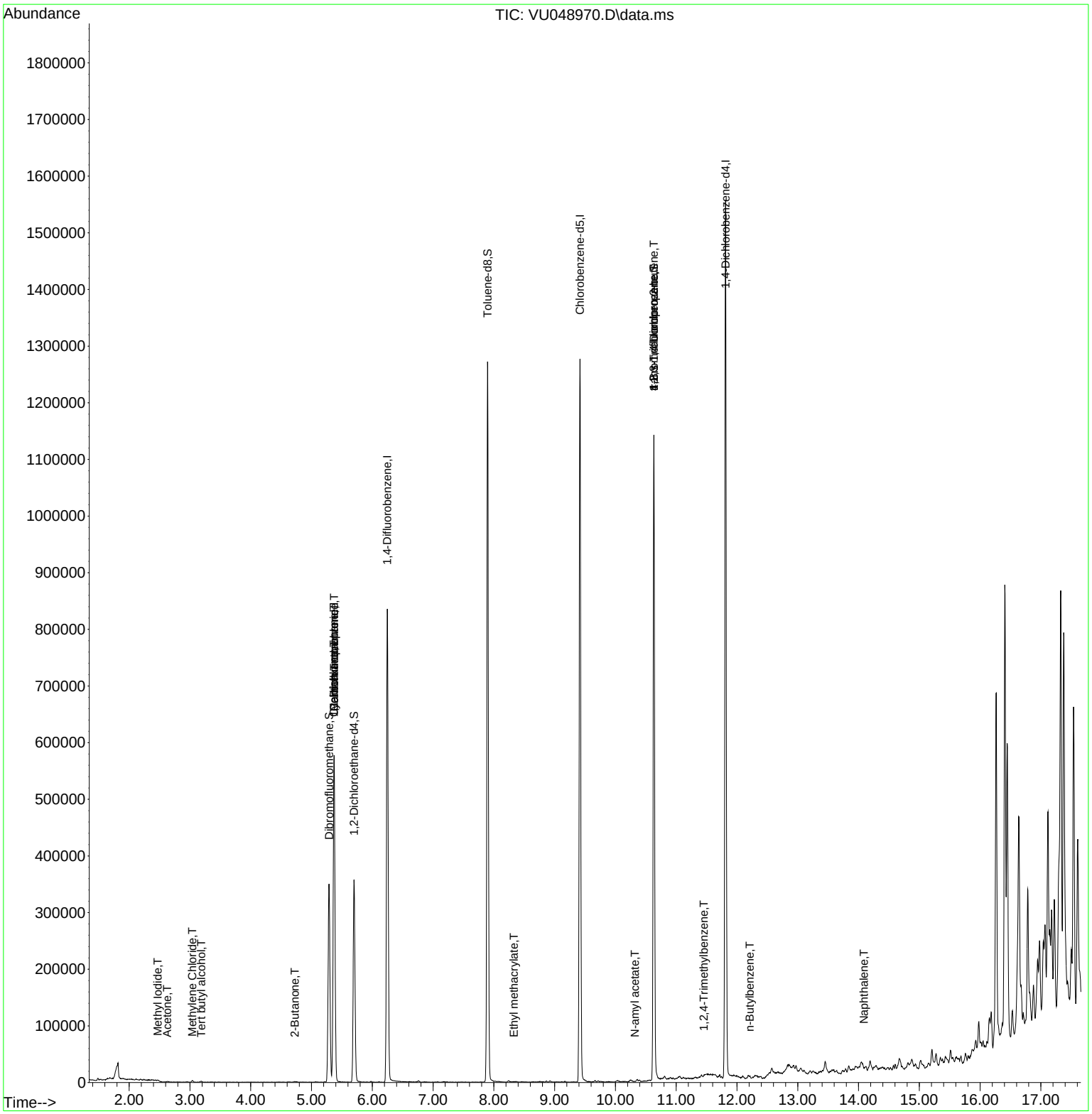
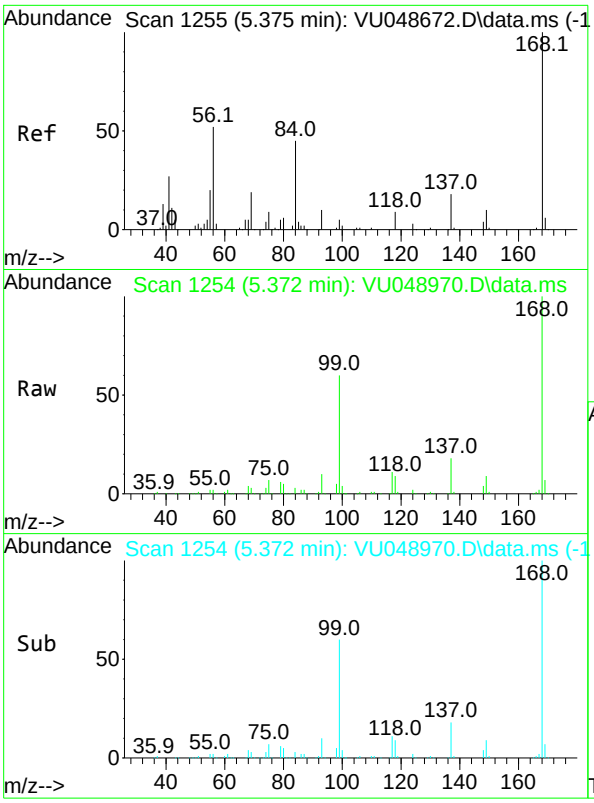


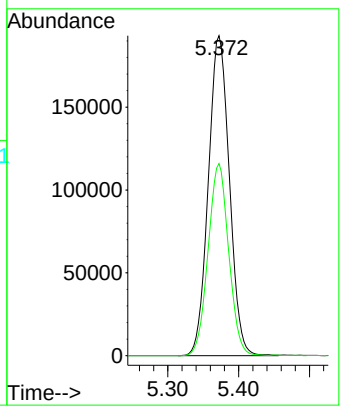


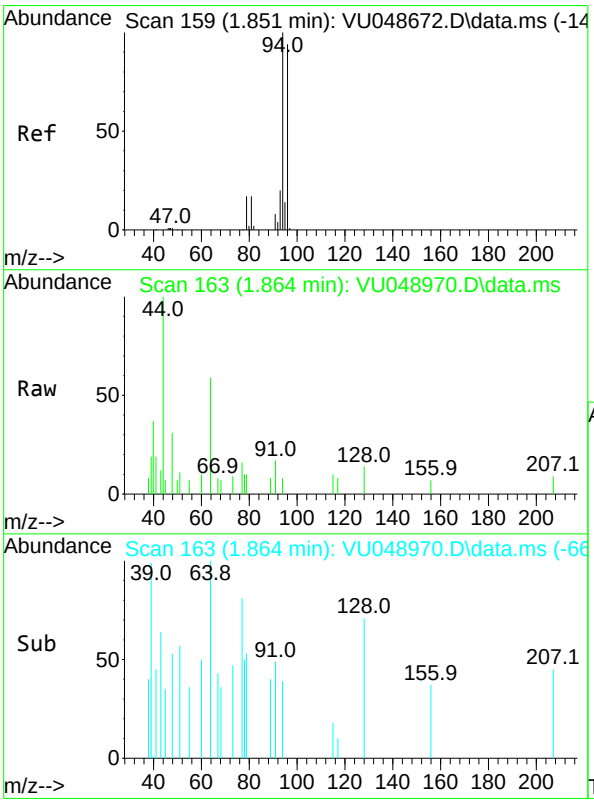
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 398511

Ion	Ratio	Lower	Upper
168	100		
99	60.0	49.3	73.9

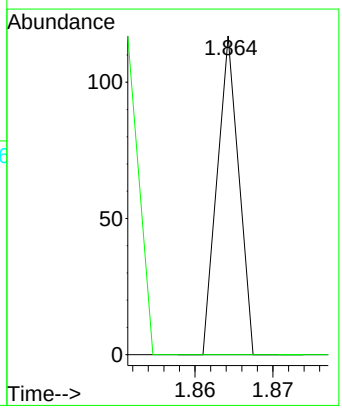


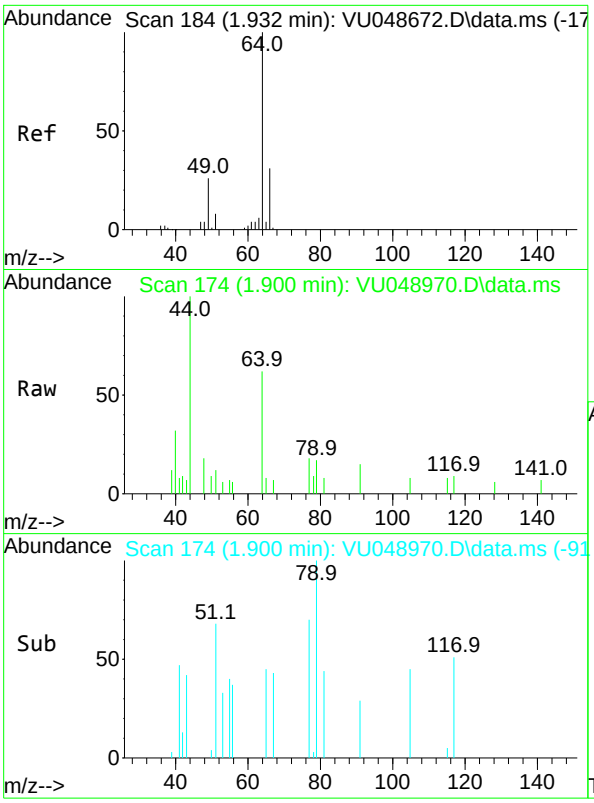


#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.013 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 94 Resp: 23

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.1	112.7#



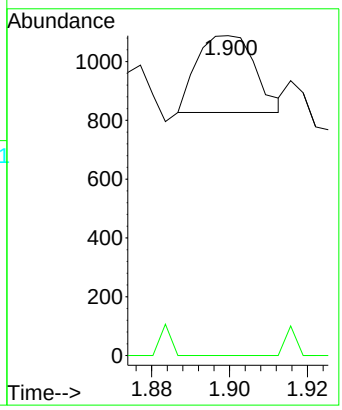


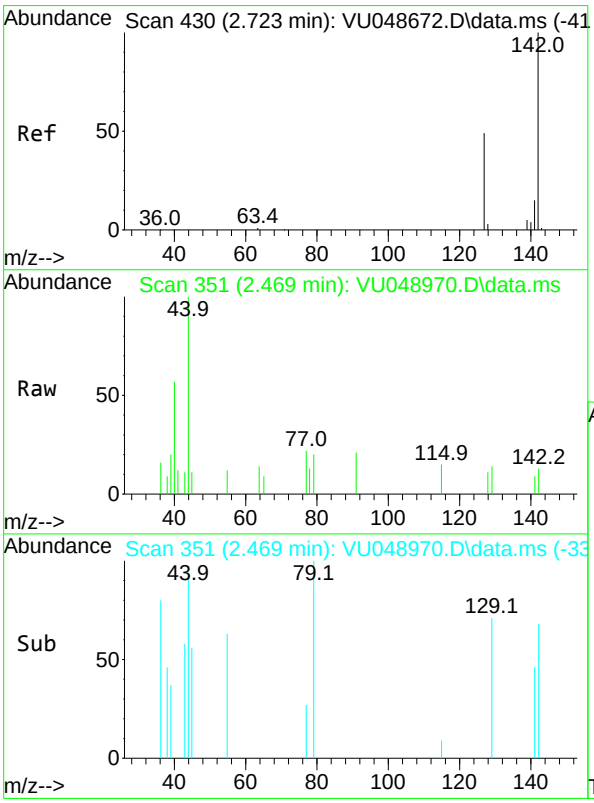
#6
Chloroethane
Concen: Below Cal
RT: 1.900 min Scan# 1
Delta R.T. -0.032 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 64 Resp: 272

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

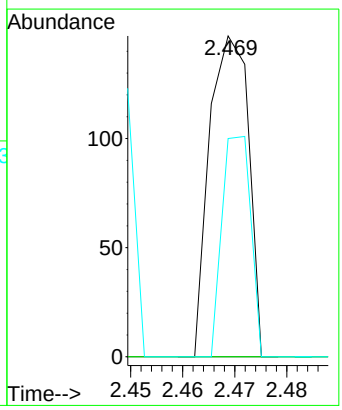


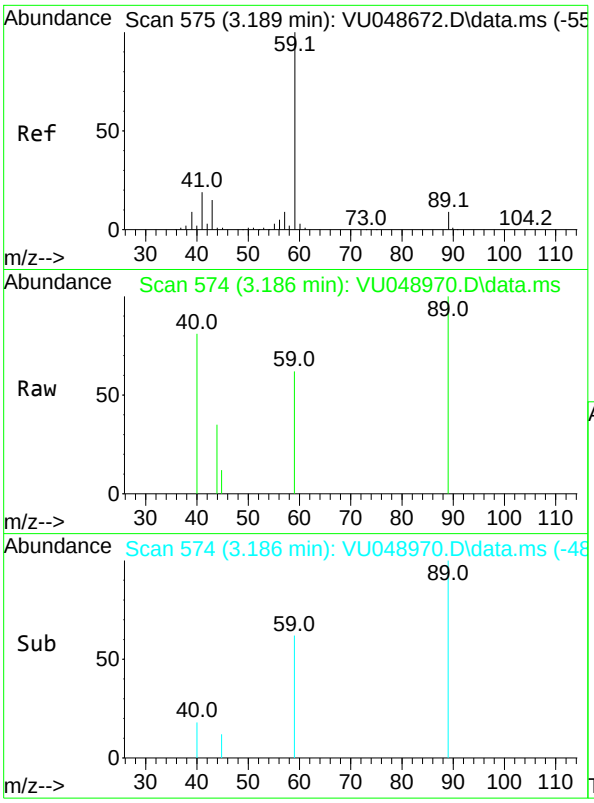


#10
Methyl Iodide
Concen: 3.016 ug/l
RT: 2.469 min Scan# 351
Delta R.T. -0.254 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:142 Resp: 77

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.4	57.6#
141	50.6	11.5	17.3#



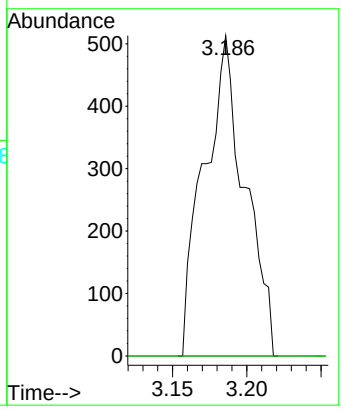


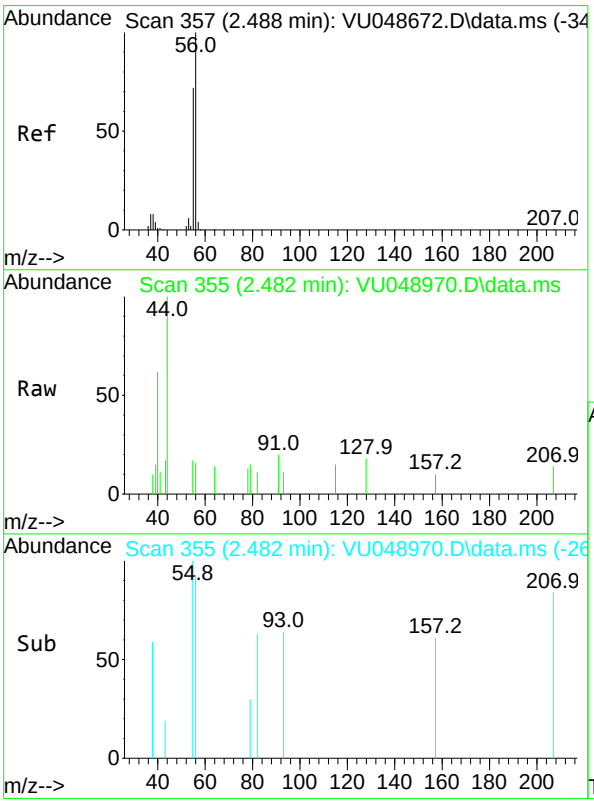
#11
Tert butyl alcohol
Concen: 0.646 ug/l
RT: 3.186 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 59 Resp: 980

Ion	Ratio	Lower	Upper
59	100		
57	0.0	39.7	59.5#

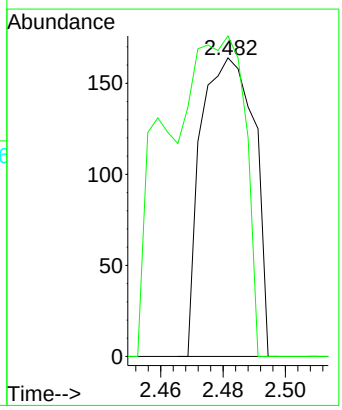


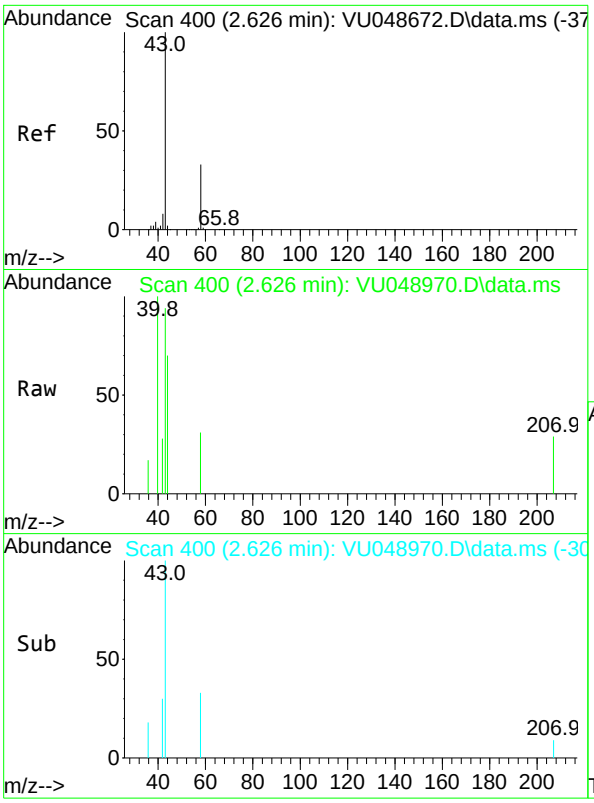


#13
Acrolein
Concen: Below Cal
RT: 2.482 min Scan# 355
Delta R.T. -0.006 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 56 Resp: 194

Ion	Ratio	Lower	Upper
56	100		
55	109.8	57.7	86.5#



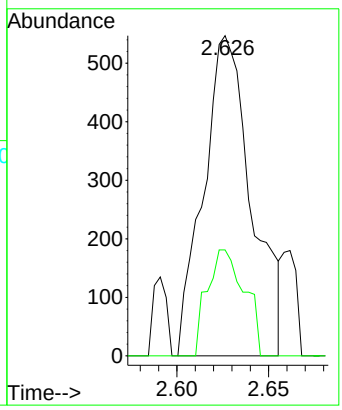


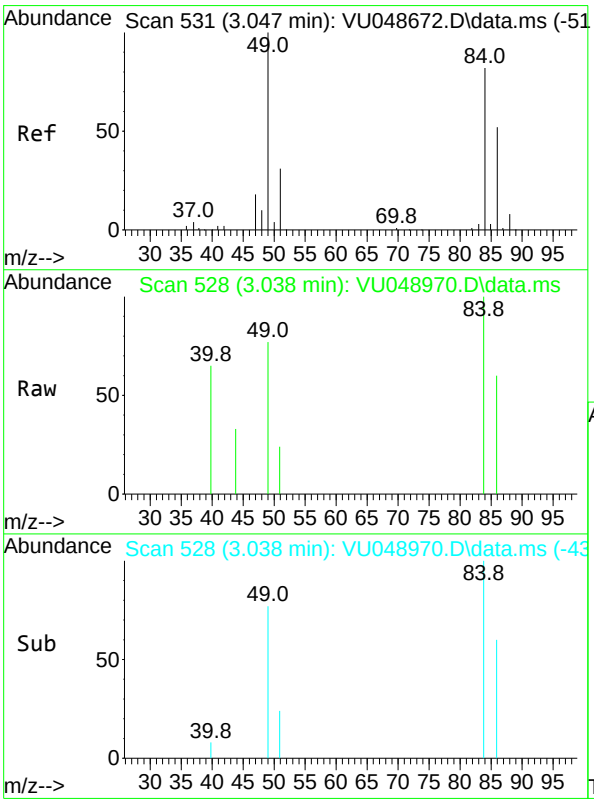
#16
Acetone
Concen: 0.328 ug/l
RT: 2.626 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 999

Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.3	39.5

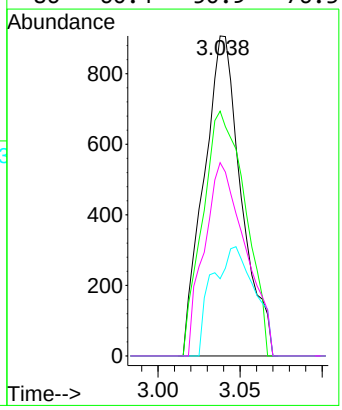


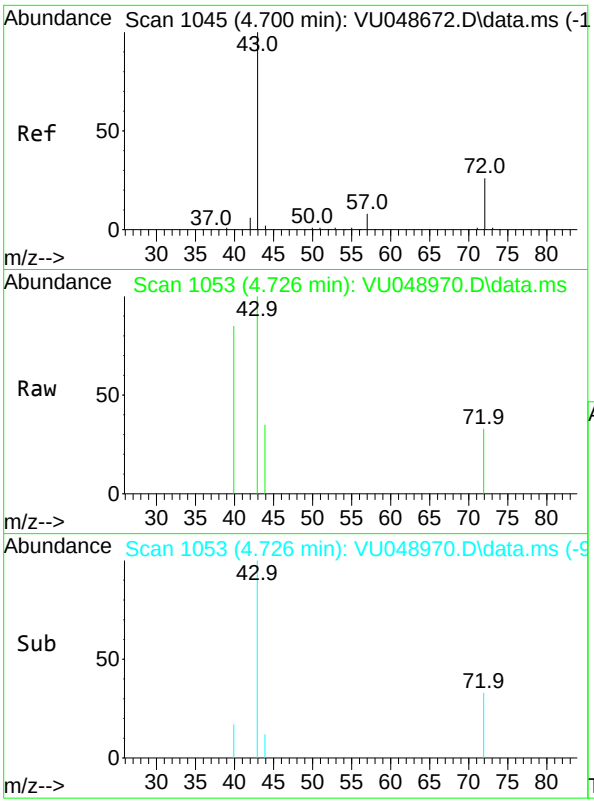


#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.010 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 84 Resp: 1436

Ion	Ratio	Lower	Upper
84	100		
49	76.5	97.0	145.4#
51	24.1	29.8	44.8#
86	60.4	50.9	76.3



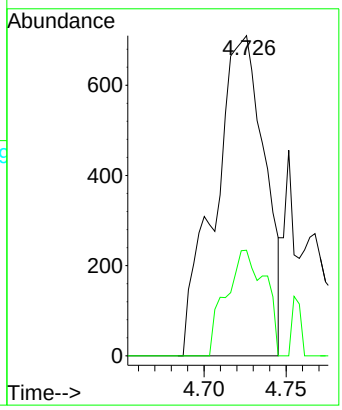


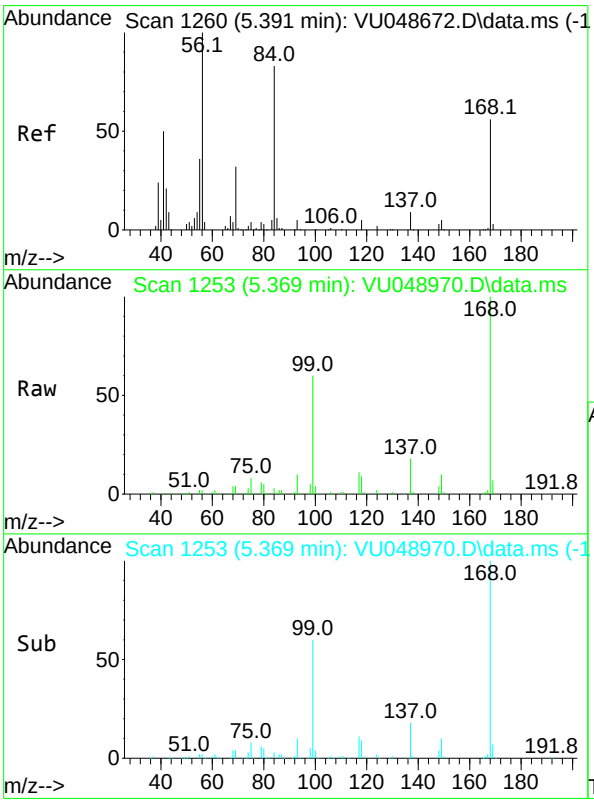
#25
2-Butanone
Concen: 0.342 ug/l
RT: 4.726 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 1498

Ion	Ratio	Lower	Upper
43	100		
72	33.0	21.1	31.7#

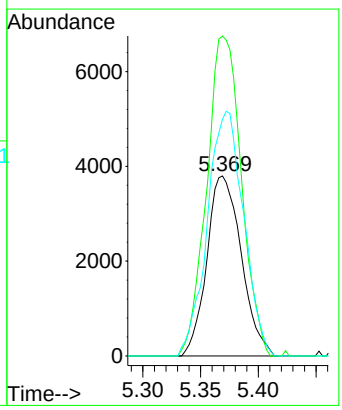


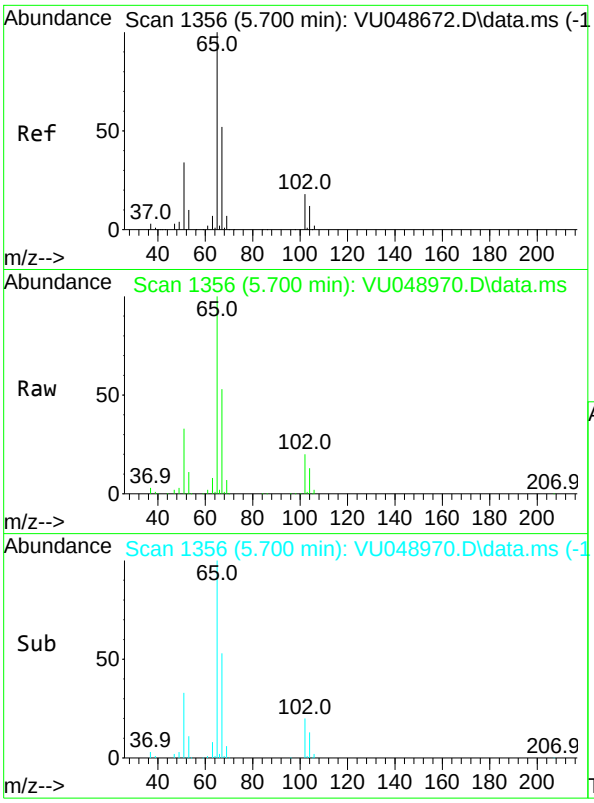


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 56 Resp: 7884

Ion	Ratio	Lower	Upper
56	100		
69	177.8	25.6	38.4#
84	131.5	66.2	99.4#



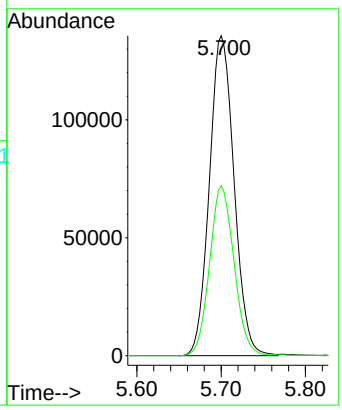


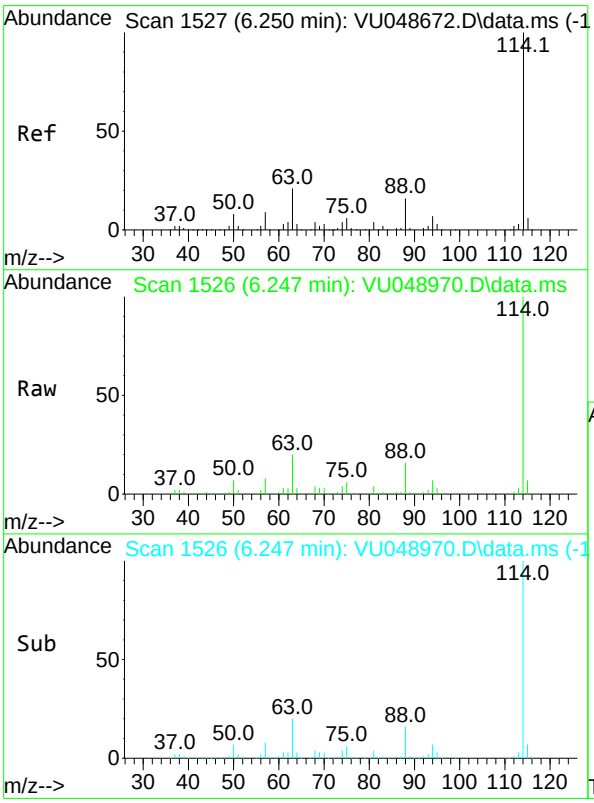
#33
1,2-Dichloroethane-d4
Concen: 46.108 ug/l
RT: 5.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 275949

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

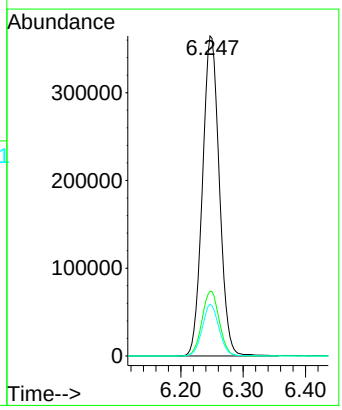


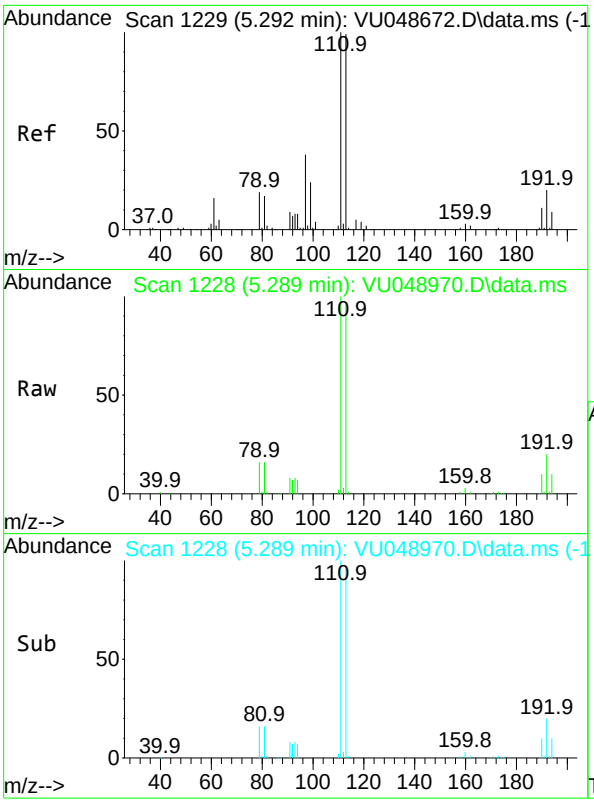


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.247 min Scan# 1526
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:114 Resp: 685935

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.2	0.0	32.2



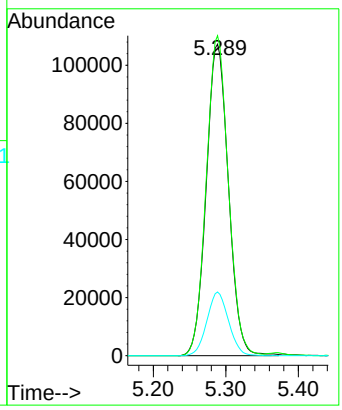


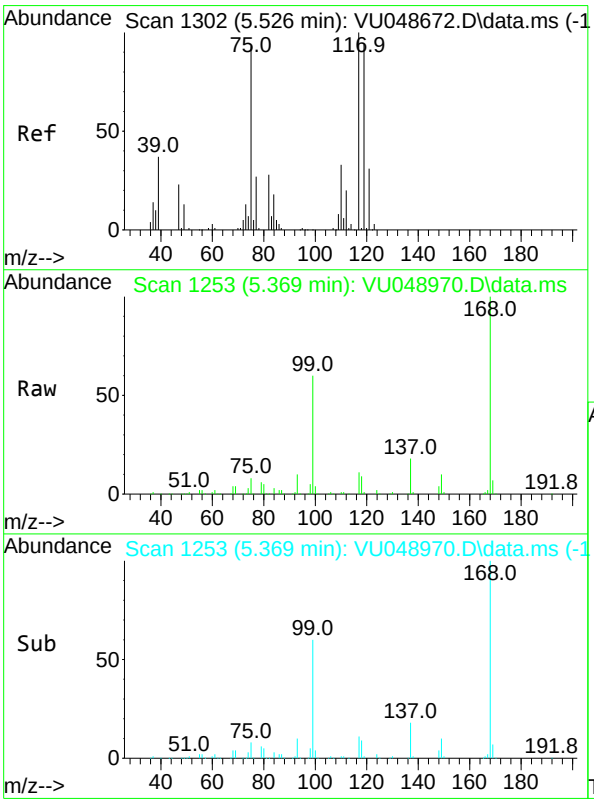
#35
Dibromofluoromethane
Concen: 46.737 ug/l
RT: 5.289 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:113 Resp: 228713

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	19.9	15.9	23.9

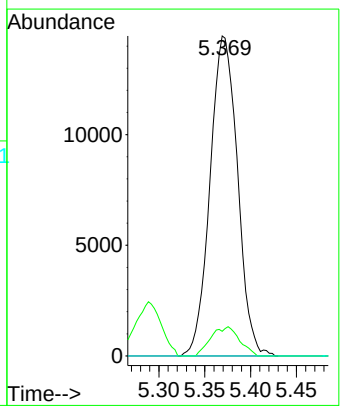


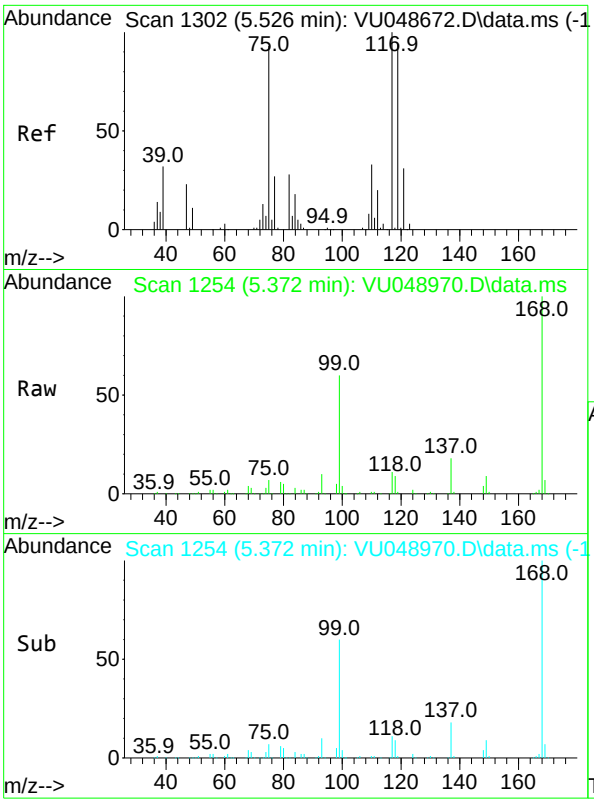


#36
1,1-Dichloropropene
Concen: 4.218 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.158 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 75 Resp: 30129

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.4	52.3#
77	0.0	24.8	37.2#



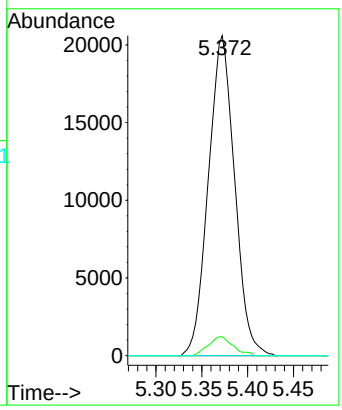


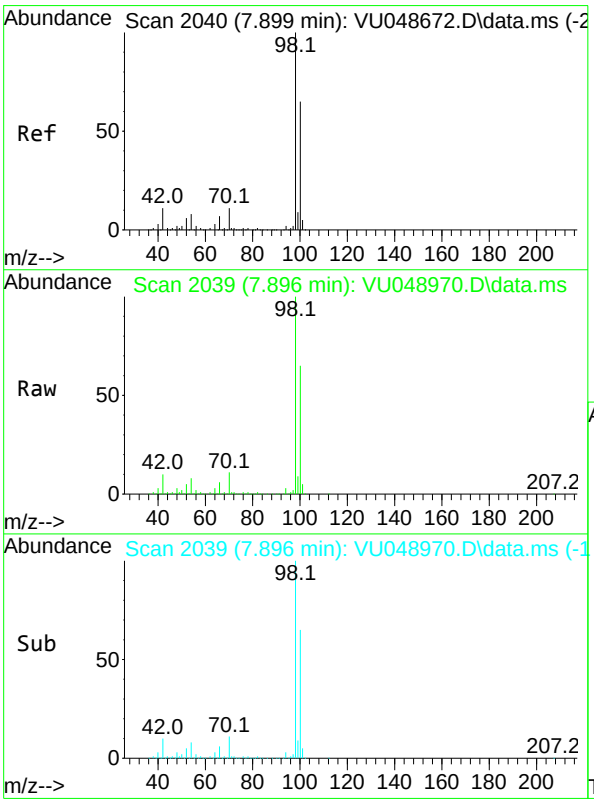
#38
Carbon Tetrachloride
Concen: 5.005 ug/l
RT: 5.372 min Scan# 1
Delta R.T. -0.154 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 41009

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.4	113.2#
121	0.0	24.6	36.8#

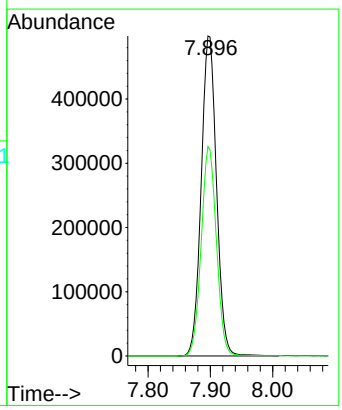


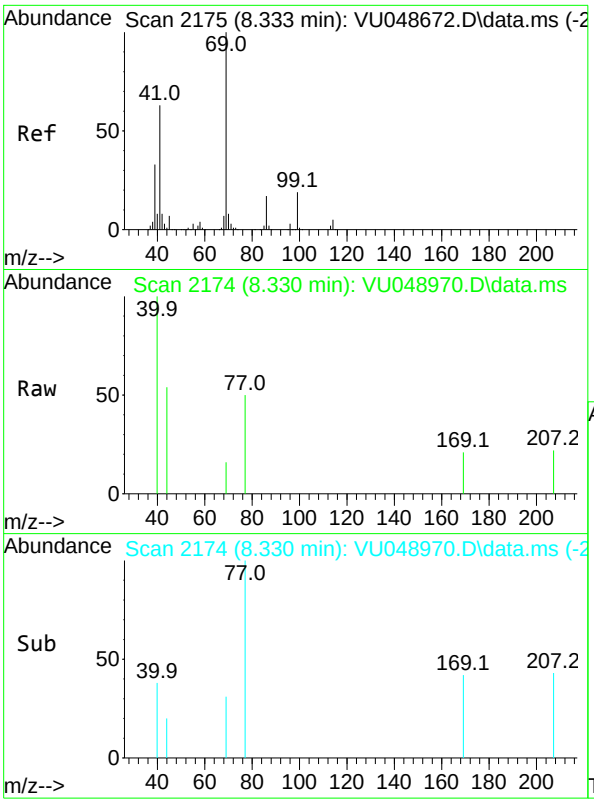


#50
Toluene-d8
Concen: 48.408 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 98 Resp: 849159

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4



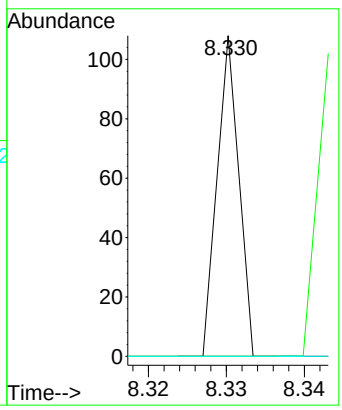


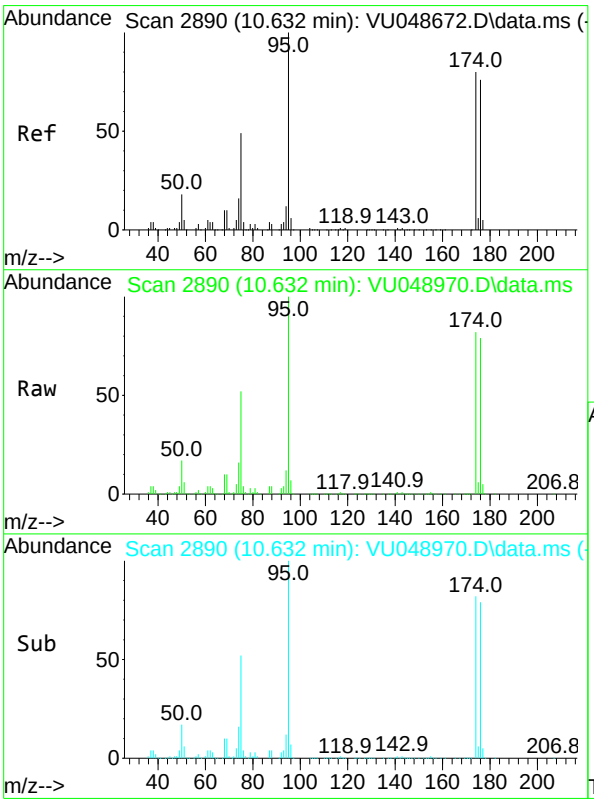
#56
Ethyl methacrylate
Concen: 2.616 ug/l
RT: 8.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 69 Resp: 21

Ion	Ratio	Lower	Upper
69	100		
41	423.8	50.6	76.0#
39	0.0	26.6	40.0#

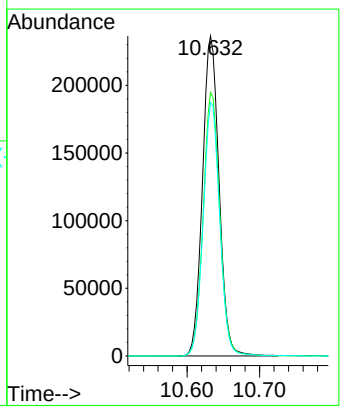


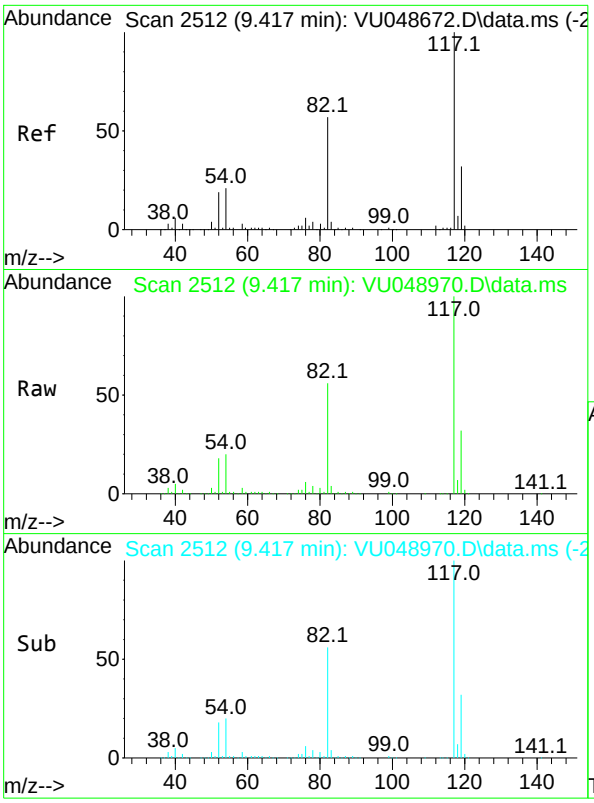


#62
4-Bromofluorobenzene
Concen: 56.731 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 95 Resp: 376366

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	159.4
176	78.7	0.0	152.4



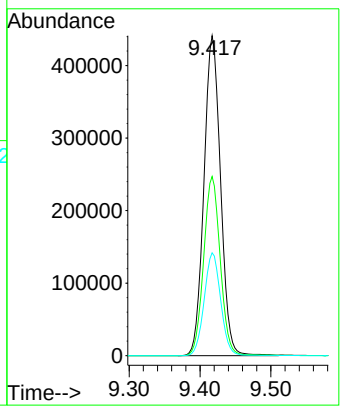


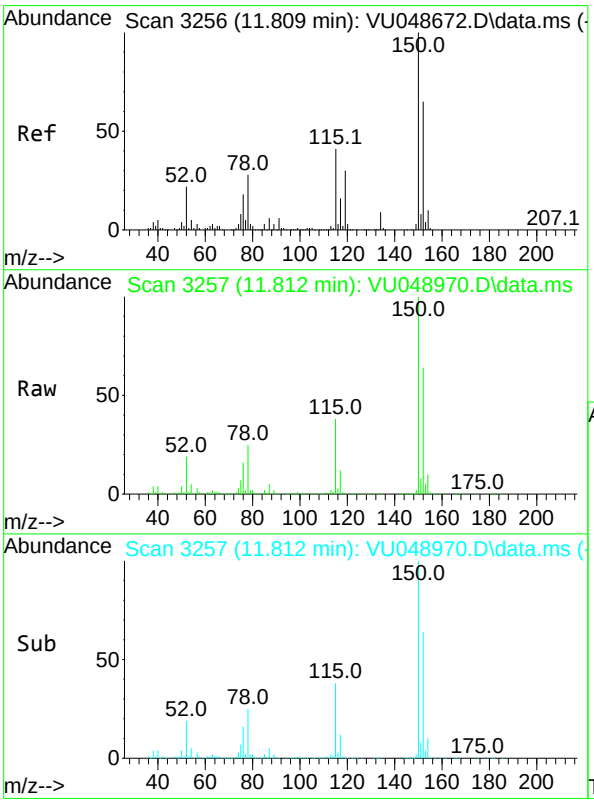
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 719426

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.3	67.9
119	32.2	25.4	38.2

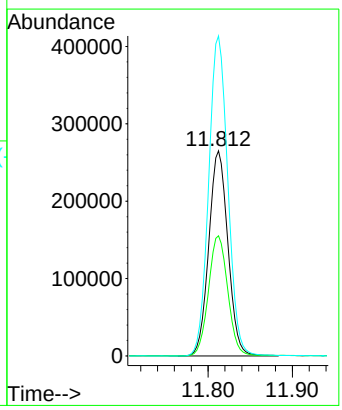


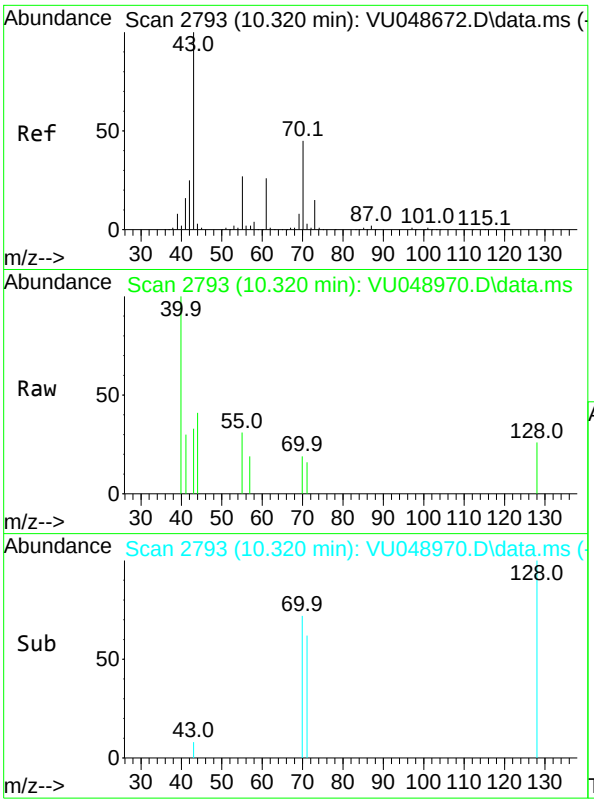


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:152 Resp: 418665

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.8	125.4
150	156.2	0.0	341.0



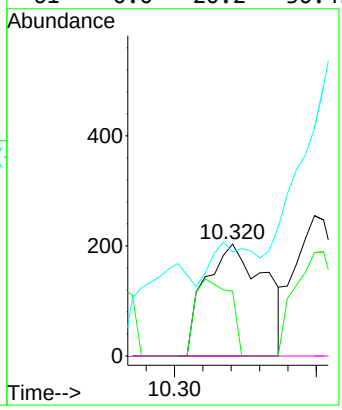


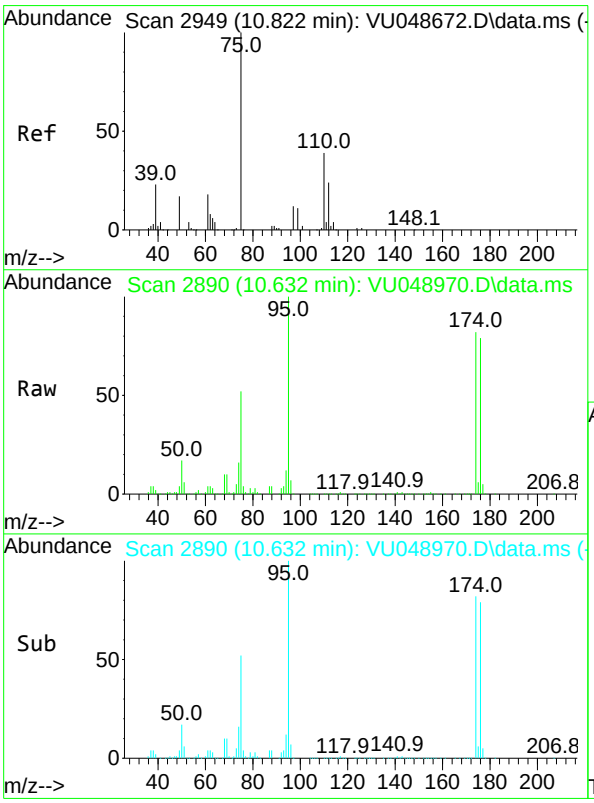
#74
N-amyl acetate
Concen: 2.487 ug/l
RT: 10.320 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 296

Ion	Ratio	Lower	Upper
43	100		
70	40.5	35.8	53.6
55	27.0	21.1	31.7
61	0.0	20.2	30.4#

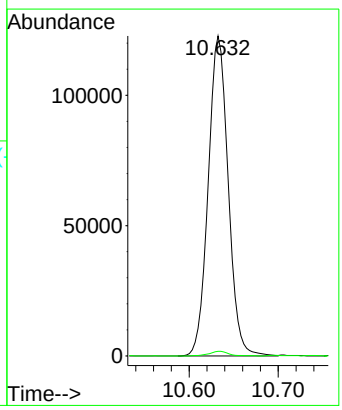


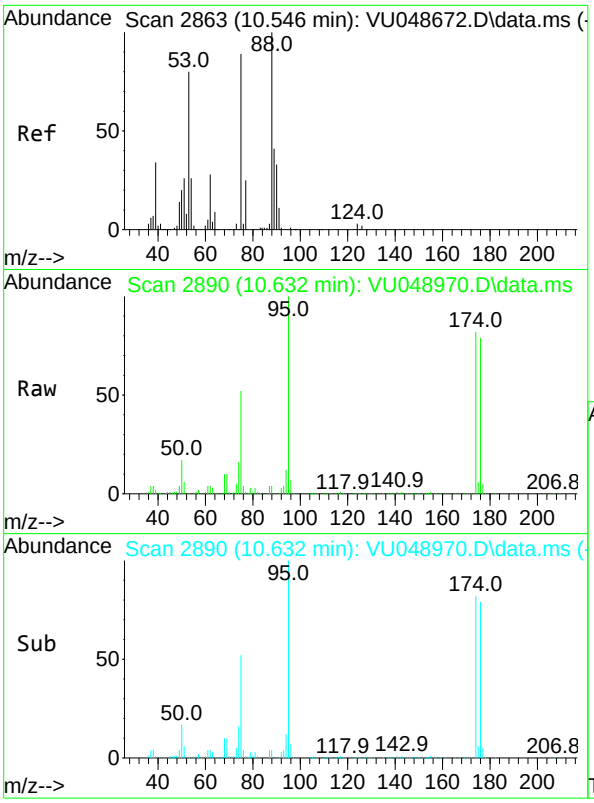


#76
1,2,3-Trichloropropane
Concen: 14.165 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion: 75 Resp: 191209

Ion	Ratio	Lower	Upper
75	100		
77	1.4	14.8	44.3#



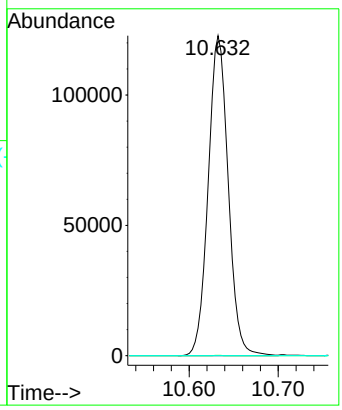


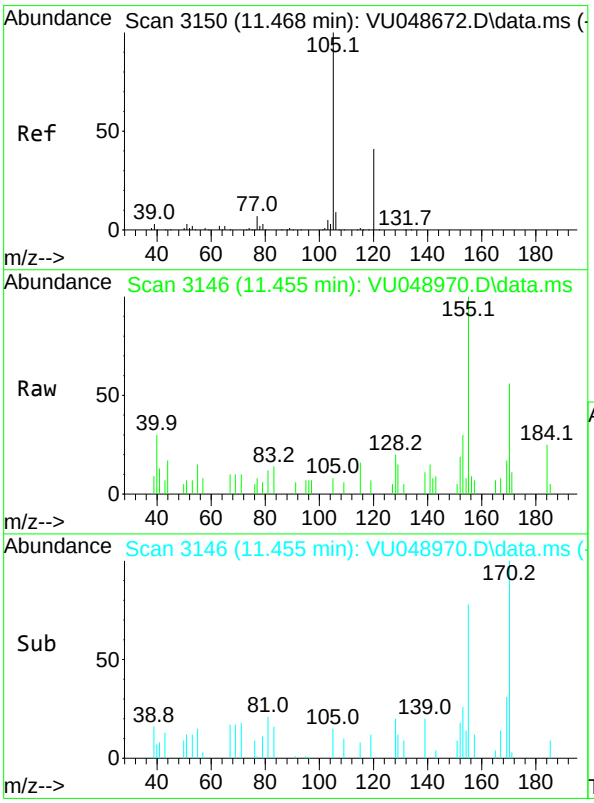
#81
trans-1,4-Dichloro-2-butene
Concen: 51.431 ug/l
RT: 10.632 min Scan# 2
Delta R.T. 0.087 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 191209

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.0	37.0	55.4#

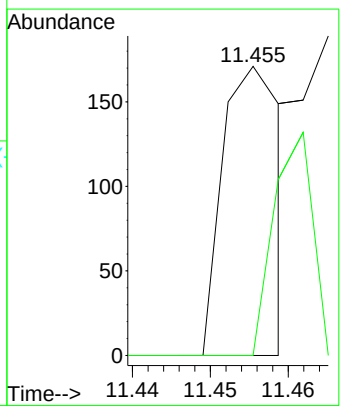


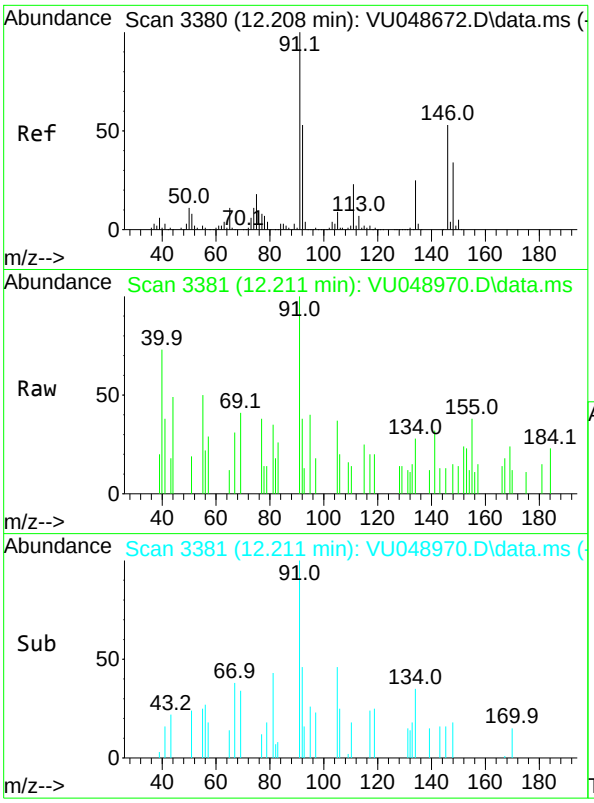


#84
1,2,4-Trimethylbenzene
Concen: 1.190 ug/l
RT: 11.455 min Scan# 3146
Delta R.T. -0.013 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:105 Resp: 91

Ion	Ratio	Lower	Upper
105	100		
120	50.5	22.5	67.5



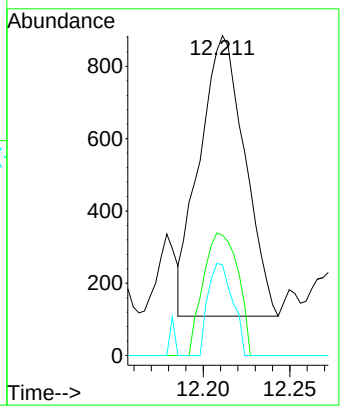


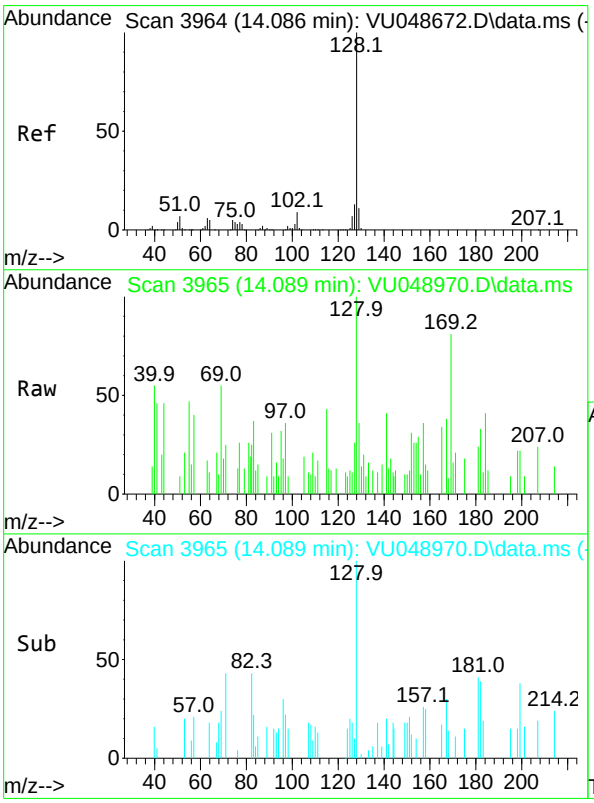
#89
n-Butylbenzene
Concen: 2.241 ug/l
RT: 12.211 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 1411

Ion	Ratio	Lower	Upper
91	100		
92	33.5	25.9	77.8
134	17.9	12.5	37.5





#95
Naphthalene
Concen: 2.586 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048970.D
Acq: 08 Jun 2022 18:16

Tgt Ion:128 Resp: 1855

Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.2	15.4
129	11.9	8.7	13.1