Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
Data File : VV028194.D
Acq On : 29 Sep 2022 18:28
Operator : SY/MD
Sample : N4820-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Quant Time: Sep 30 01:49:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	160556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67939	4.082	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.600%			
7) Chloroethane-d5	1.561	69	56514	4.270	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.400%			
11) 1,1-Dichloroethene-d2	2.098	63	92582	3.207	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.200%			
20) 2-Butanone-d5	3.912	46	98984	35.224	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.440%			
24) Chloroform-d	4.342	84	118153	4.448	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
26) 1,2-Dichloroethane-d4	5.027	65	53971	4.270	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.400%			
32) Benzene-d6	5.043	84	234613	4.401	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.066	67	70909	4.266	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.313	98	199198	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	7.622	79	22701	3.781	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.600%			
46) 2-Hexanone-d5	8.088	63	96906	38.674	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.340%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52343	4.607	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	84332	4.557	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
3) Chloromethane	1.233	50	763	0.048	ug/L #	76
5) Vinyl chloride	1.304	62	2434	0.195	ug/L #	24
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1127	0.099	ug/L #	22
12) 1,1-Dichloroethene	2.105	96	1192	0.107	ug/L #	1
14) Carbon disulfide	2.285	76	2840	0.133	ug/L	100
16) Methylene chloride	2.500	84	6050	0.488	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	6478	0.271	ug/L #	90
22) cis-1,2-Dichloroethene	3.902	96	1699	0.133	ug/L	89
25) Chloroform	4.371	83	2003	0.088	ug/L	91
30) Cyclohexane	4.664	56	1555	0.108	ug/L #	70
35) Methylcyclohexane	6.120	83	6545	0.425	ug/L	95
39) cis-1,3-Dichloropropene	6.982	75	1686	0.107	ug/L	84
45) 1,1,2-Trichloroethane	7.780	97	1142	0.135	ug/L #	16
51) Chlorobenzene	8.879	112	348512	11.033	ug/L	96
53) m,p-Xylene	9.146	106	1523	0.080	ug/L	92
54) o-Xylene	9.542	106	1342	0.071	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.236	83	2318	0.234	ug/L #	54
60) Isopropylbenzene	9.931	105	16956	0.306	ug/L #	85
61) 1,2,3-Trichloropropane	11.181	75	1688	0.213	ug/L #	54

Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : N4820-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Quant Time: Sep 30 01:49:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 1,3,5-Trimethylbenzene	10.541	105	681	0.044	ug/L	#	82
64) 1,3-Dichlorobenzene	11.185	146	6042	0.219	ug/L		94
65) 1,4-Dichlorobenzene	11.271	146	13114	0.476	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.403	75	363	0.209	ug/L	#	1
71) Naphthalene	13.509	128	2258	0.079	ug/L	#	92

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

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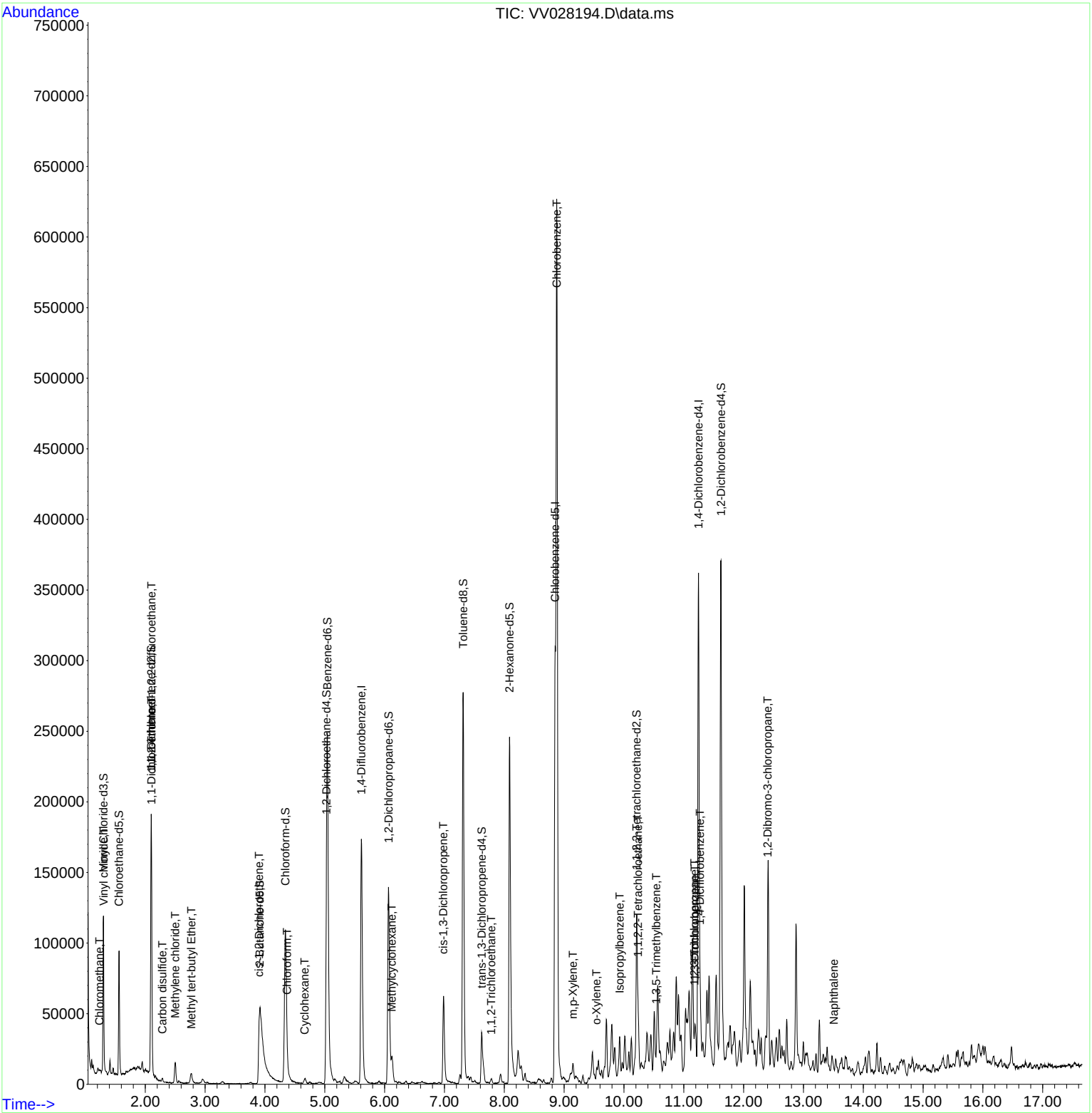
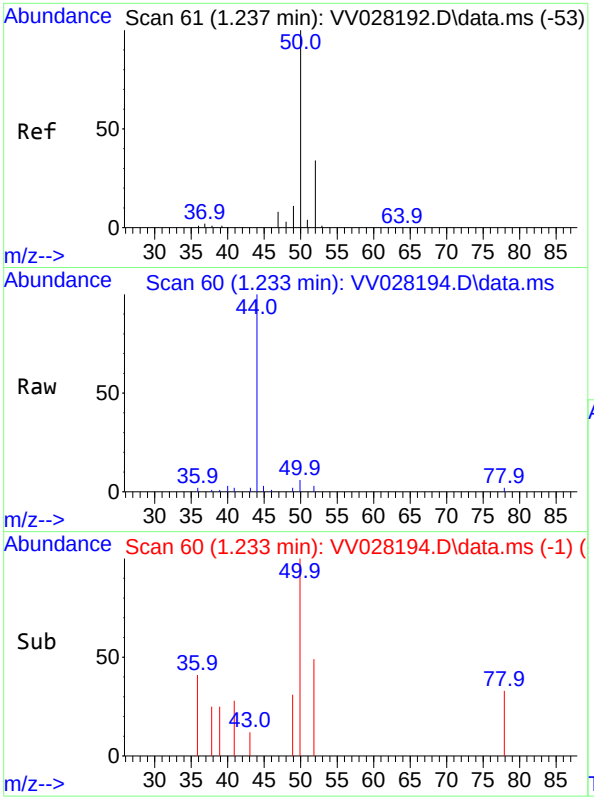
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



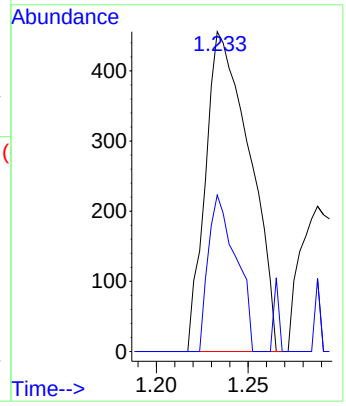


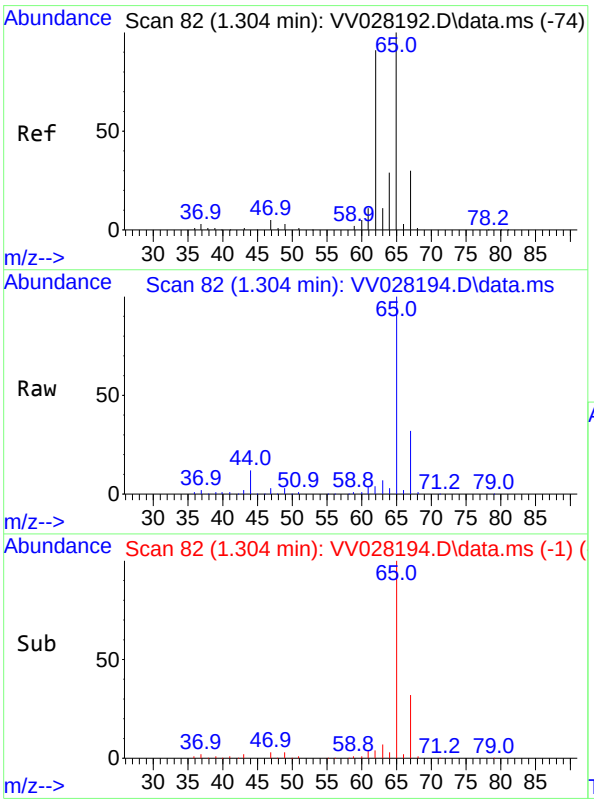
#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.233 min Scan# 6
Delta R.T. -0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 50 Resp: 763

Ion	Ratio	Lower	Upper
50	100		
52	48.9	24.4	45.2#

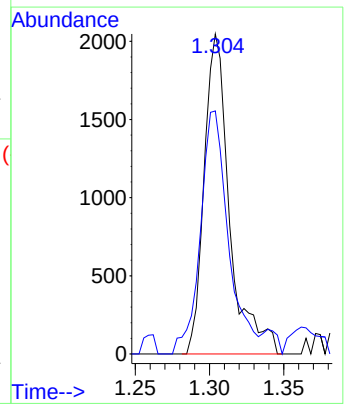


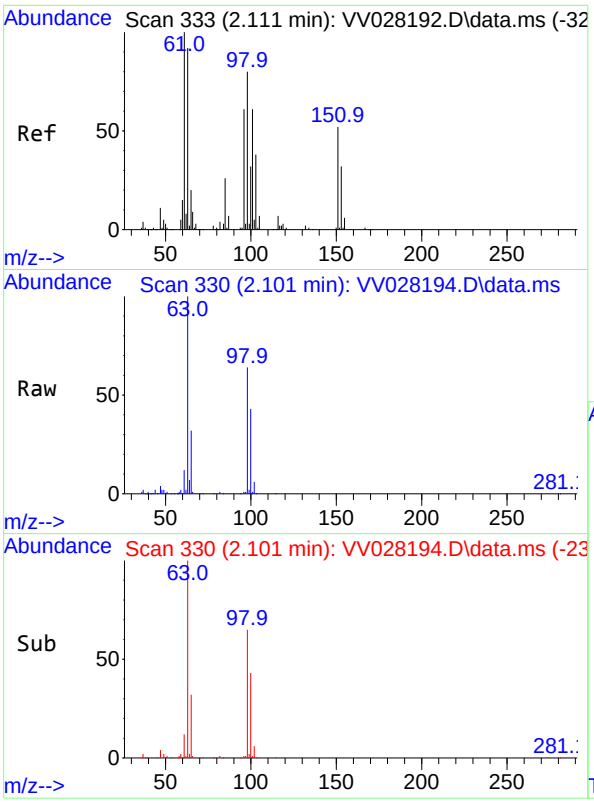


#5
Vinyl chloride
Concen: 0.195 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 62 Resp: 2434

Ion	Ratio	Lower	Upper
62	100		
64	76.0	23.0	42.8#



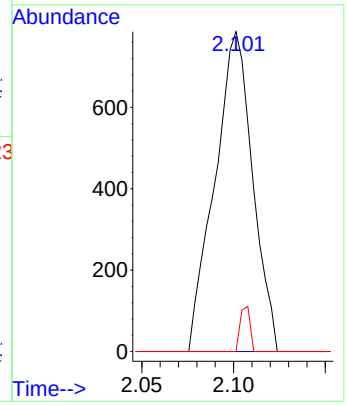


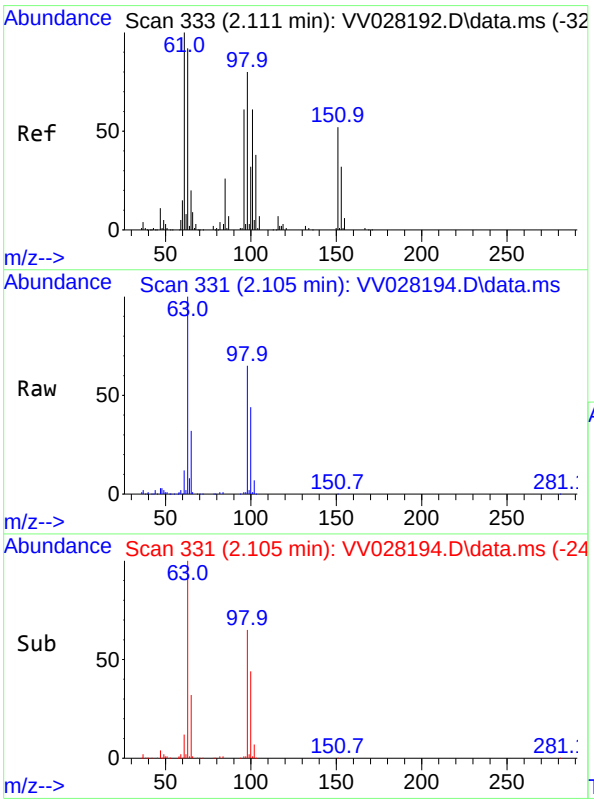
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.101 min Scan# 3
Delta R.T. -0.007 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion:101 Resp: 1127

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.4	51.6#
151	3.6	61.1	91.7#

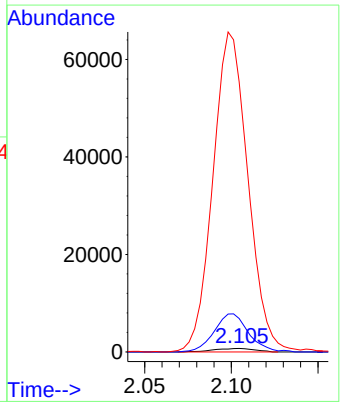


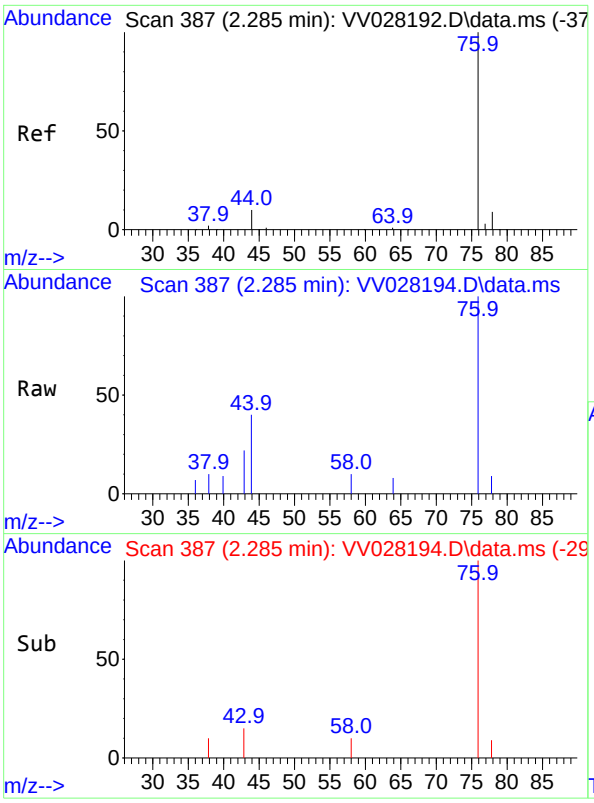


#12
1,1-Dichloroethene
Concen: 0.107 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 96 Resp: 1192

Ion	Ratio	Lower	Upper
96	100		
61	944.2	128.3	238.3#
63	7621.5	112.7	209.3#



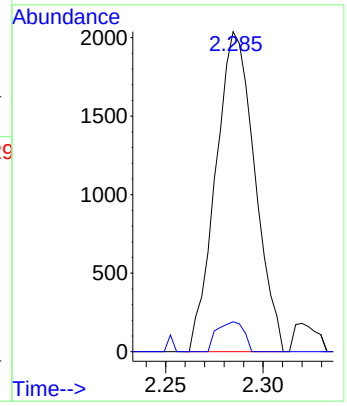


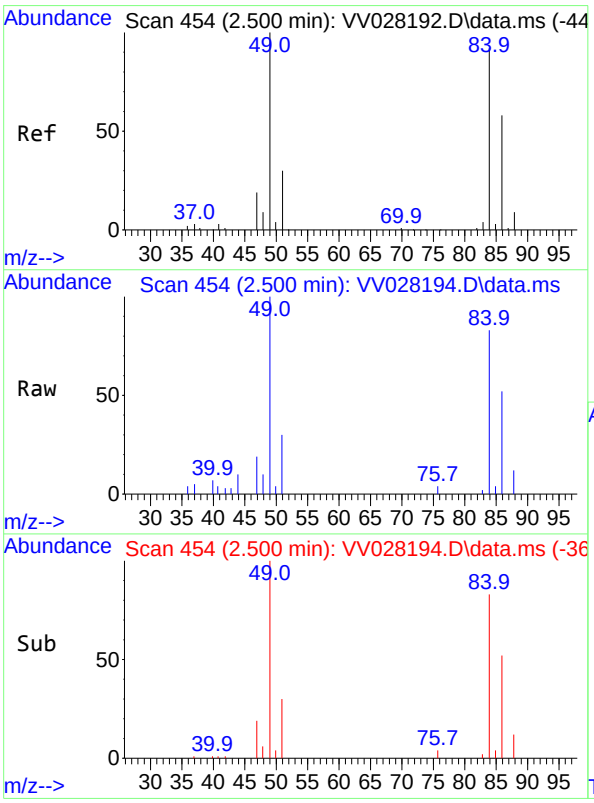
#14
Carbon disulfide
Concen: 0.133 ug/L
RT: 2.285 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 76 Resp: 2840

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.6	11.4

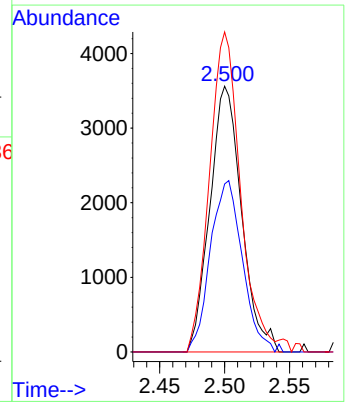


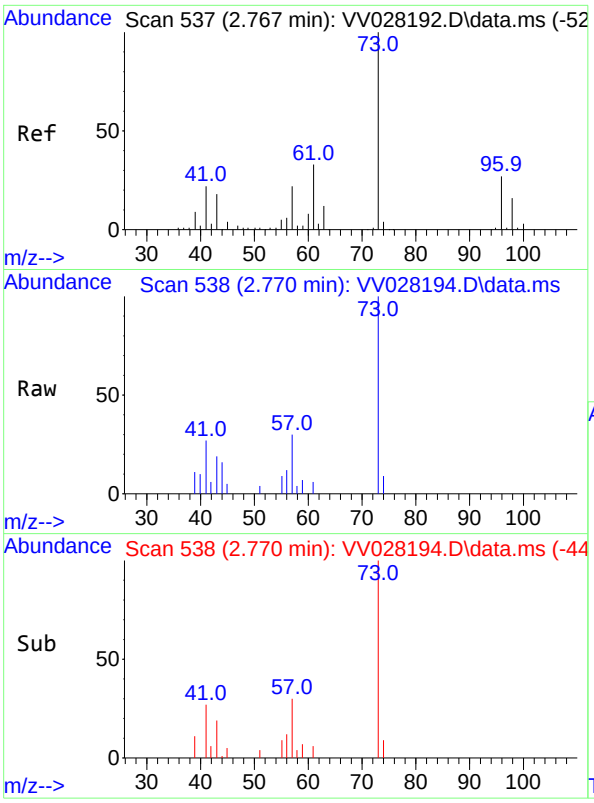


#16
Methylene chloride
Concen: 0.488 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 84 Resp: 6050

Ion	Ratio	Lower	Upper
84	100		
86	63.2	46.8	86.8
49	120.4	87.5	162.5



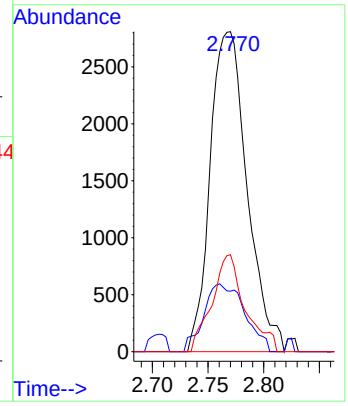


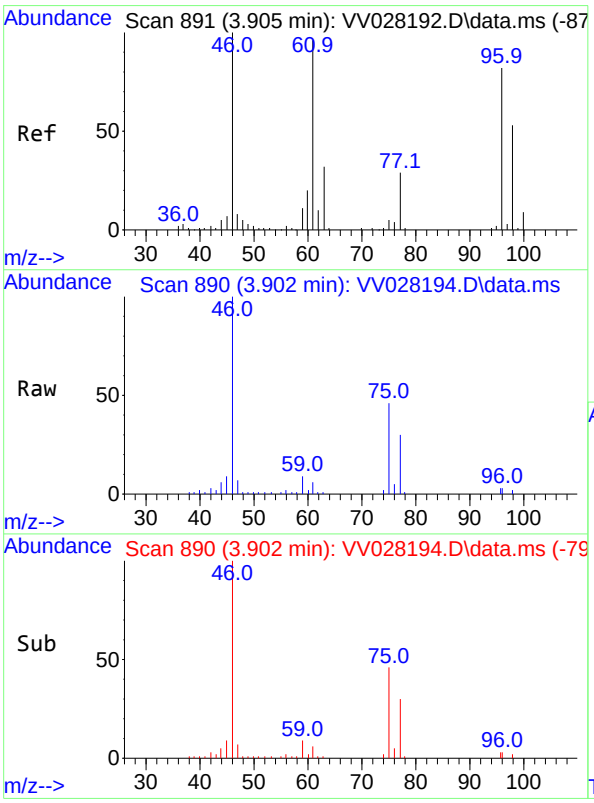
#17
Methyl tert-butyl Ether
Concen: 0.271 ug/L
RT: 2.770 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 73 Resp: 6478

Ion	Ratio	Lower	Upper
73	100		
43	23.6	15.7	23.5#
57	27.3	17.8	26.8#

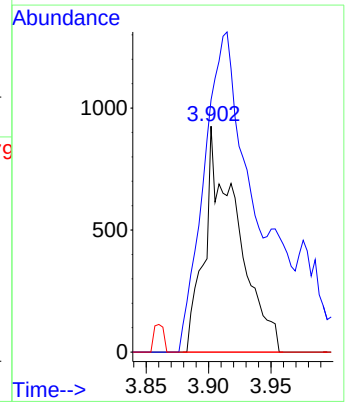


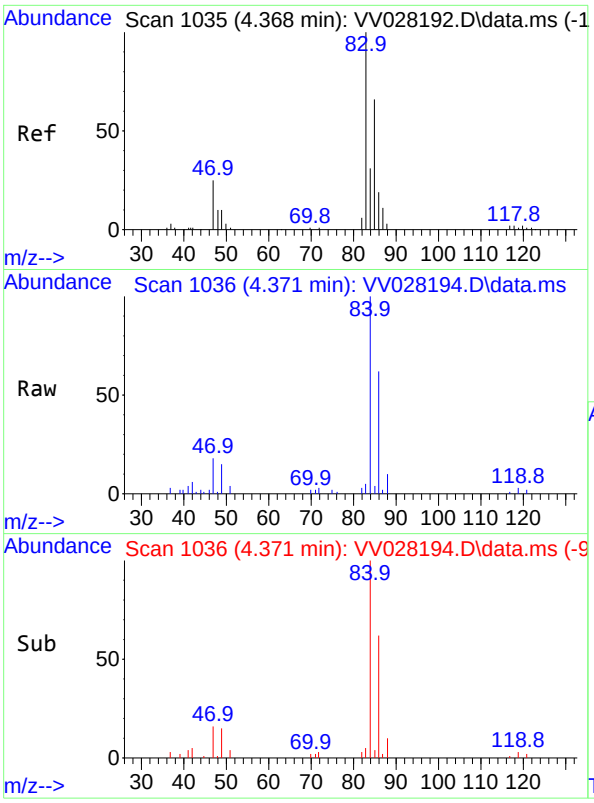


#22
cis-1,2-Dichloroethene
Concen: 0.133 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 96 Resp: 1699

Ion	Ratio	Lower	Upper
96	100		
61	111.6	87.2	161.9
68	0.0	0.0	0.0



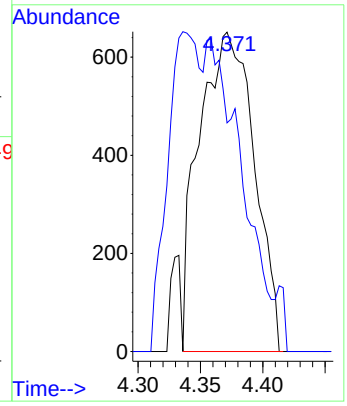


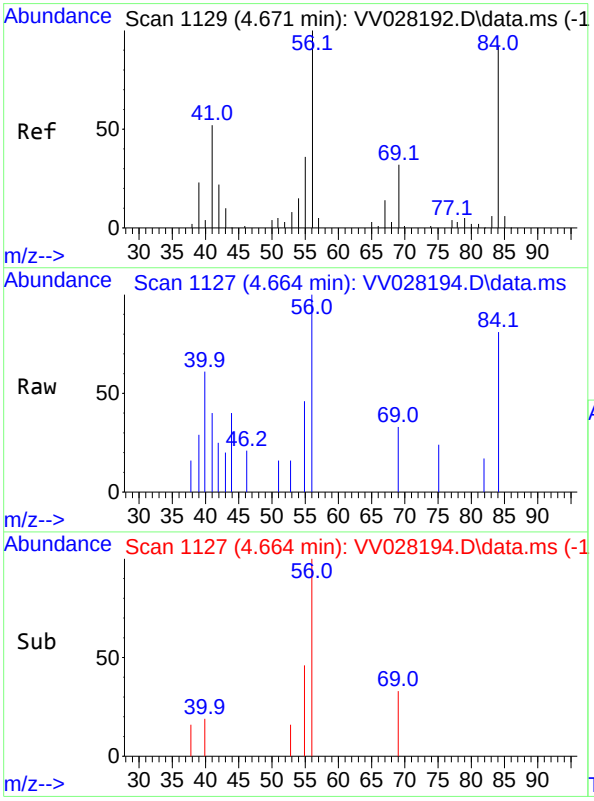
#25
Chloroform
Concen: 0.088 ug/L
RT: 4.371 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 83 Resp: 2003

Ion	Ratio	Lower	Upper
83	100		
85	71.6	45.1	83.7

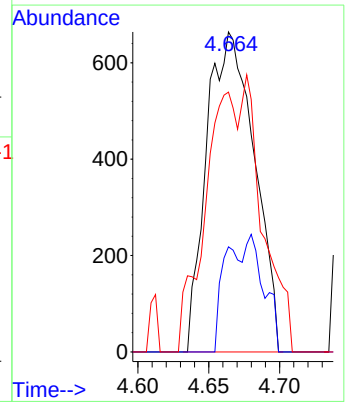


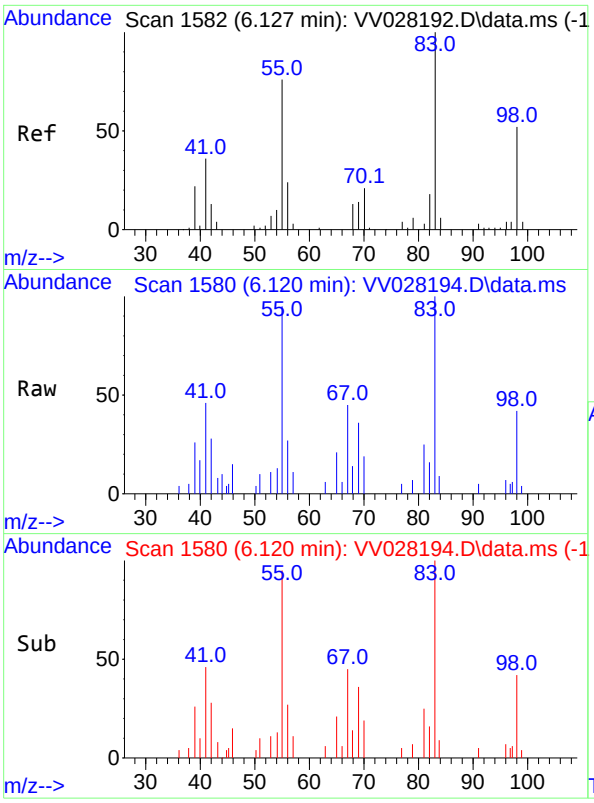


#30
Cyclohexane
Concen: 0.108 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 56 Resp: 1555

Ion	Ratio	Lower	Upper
56	100		
69	14.2	23.7	35.5#
84	56.1	67.3	100.9#



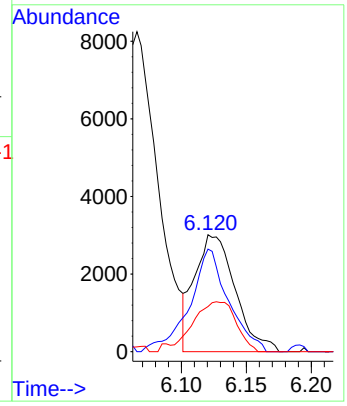


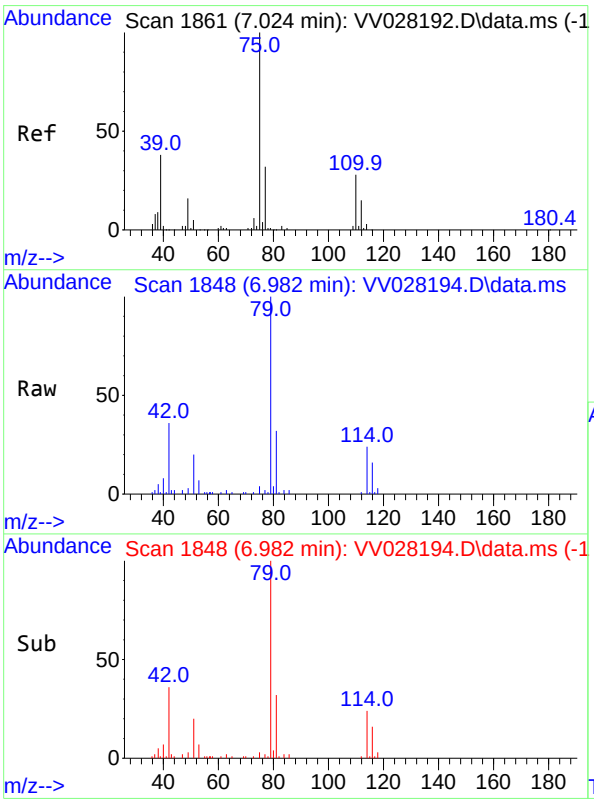
#35
Methylcyclohexane
Concen: 0.425 ug/L
RT: 6.120 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 83 Resp: 6545

Ion	Ratio	Lower	Upper
83	100		
55	84.2	64.7	97.1
98	44.7	39.5	59.3

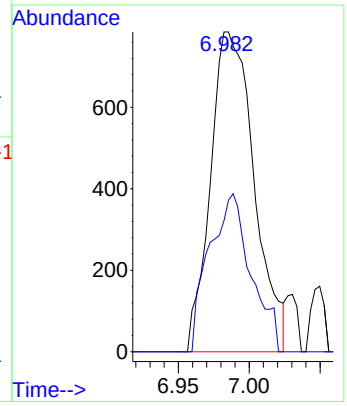


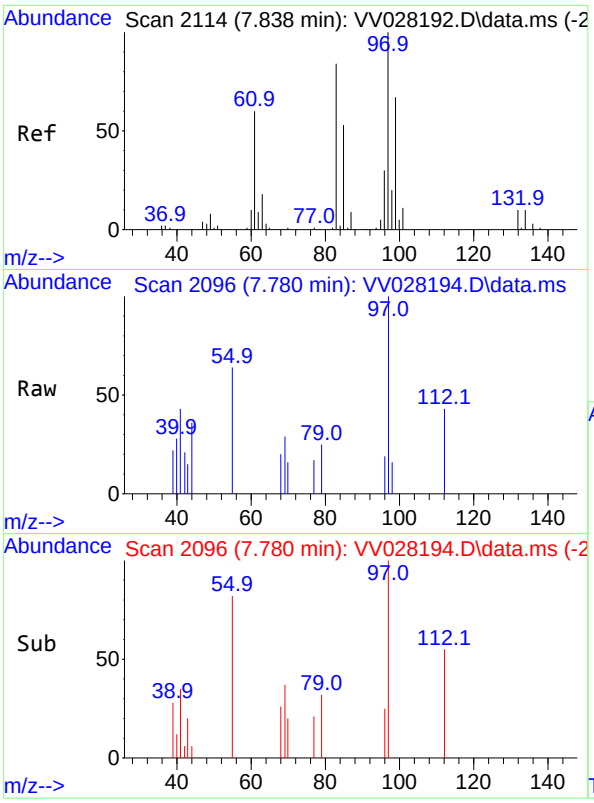


#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.039 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion: 75 Resp: 1686

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.4	41.6



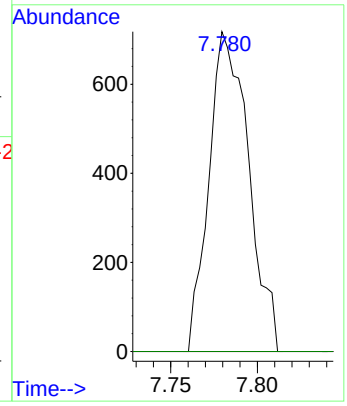


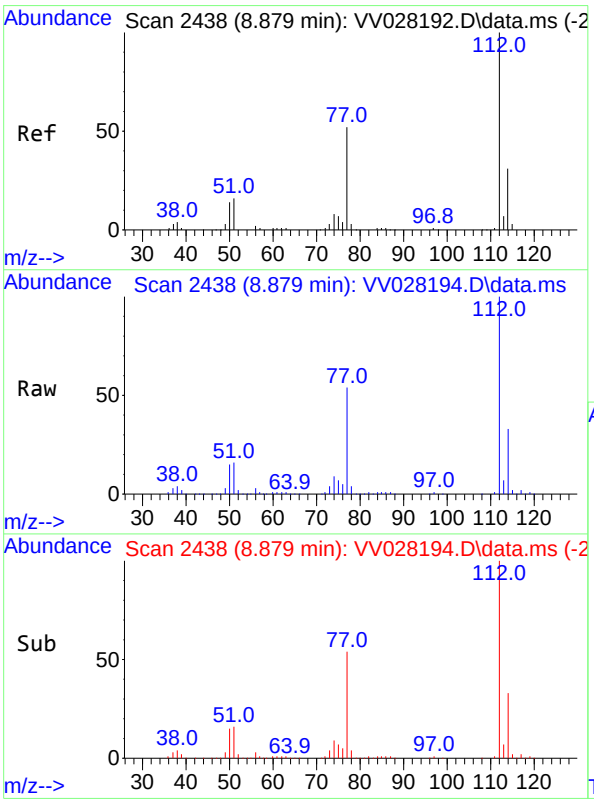
#45
1,1,2-Trichloroethane
Concen: 0.135 ug/L
RT: 7.780 min Scan# 2
Delta R.T. -0.055 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 97 Resp: 1142

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.2	80.2#
83	0.0	59.1	109.9#
85	0.0	38.5	71.5#

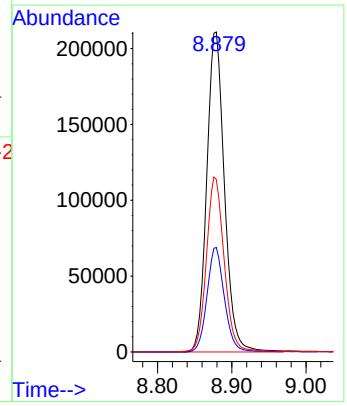


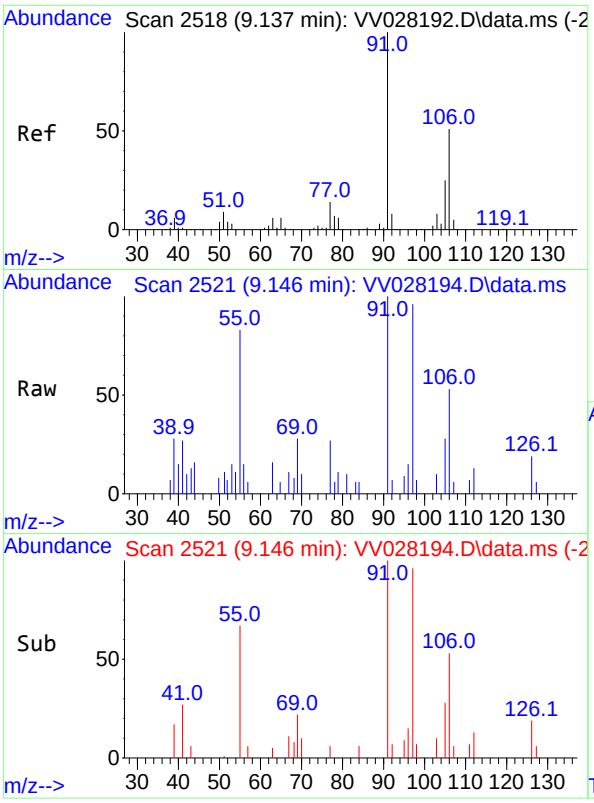


#51
Chlorobenzene
Concen: 11.033 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:112 Resp: 348512

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.7
77	53.9	46.1	69.1



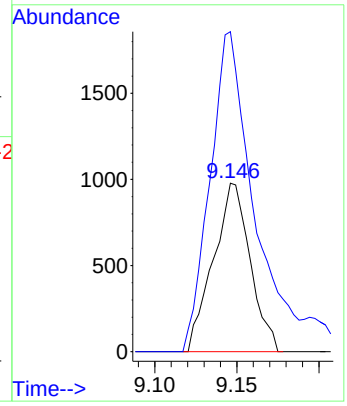


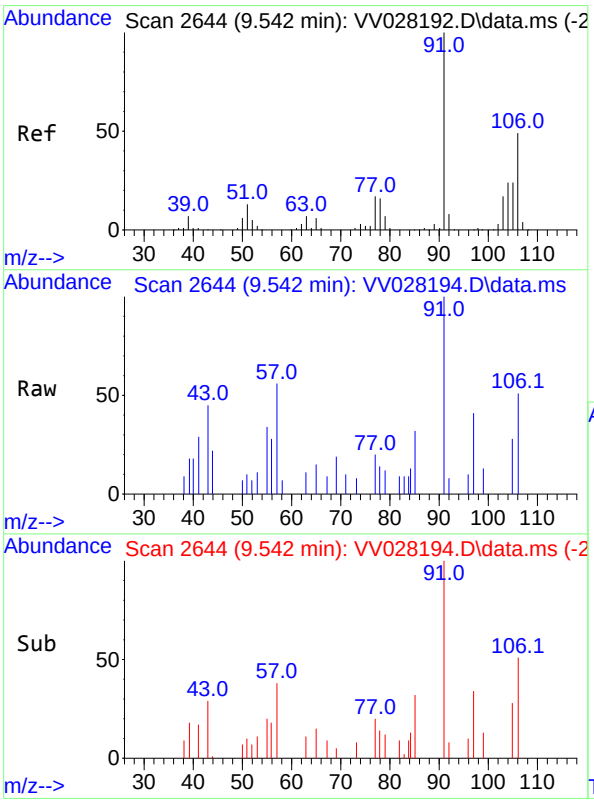
#53
m,p-Xylene
Concen: 0.080 ug/L
RT: 9.146 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion:106 Resp: 1523

Ion	Ratio	Lower	Upper
106	100		
91	190.0	141.9	263.5

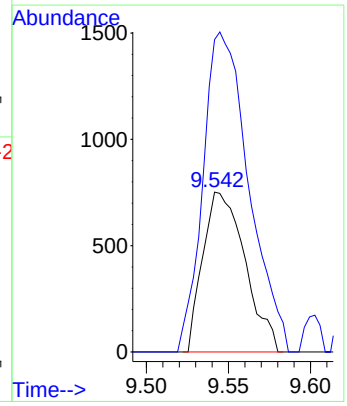


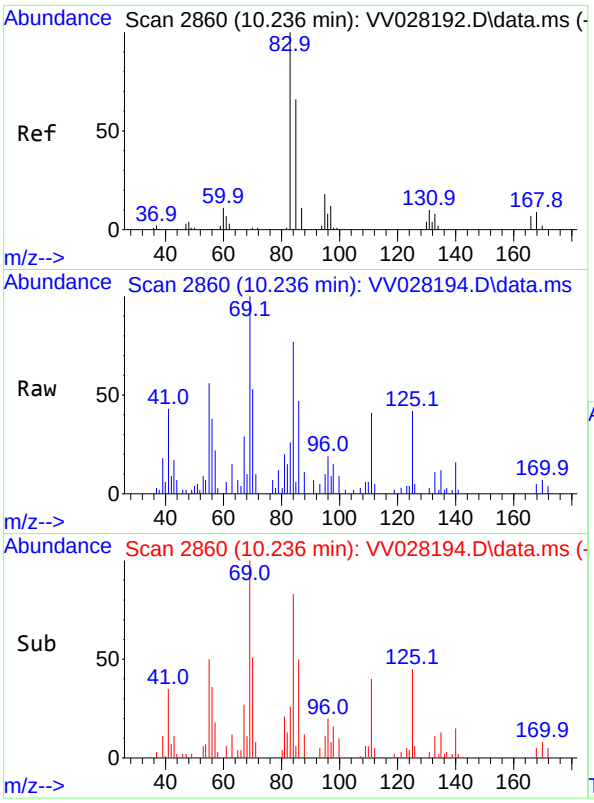


#54
o-Xylene
Concen: 0.071 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:106 Resp: 1342

Ion	Ratio	Lower	Upper
106	100		
91	195.3	148.1	275.0



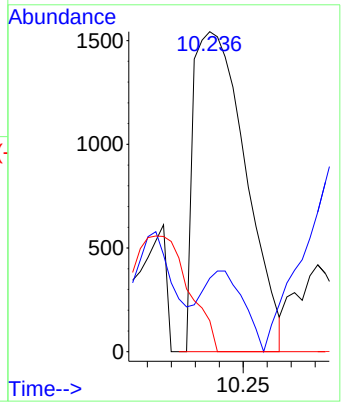


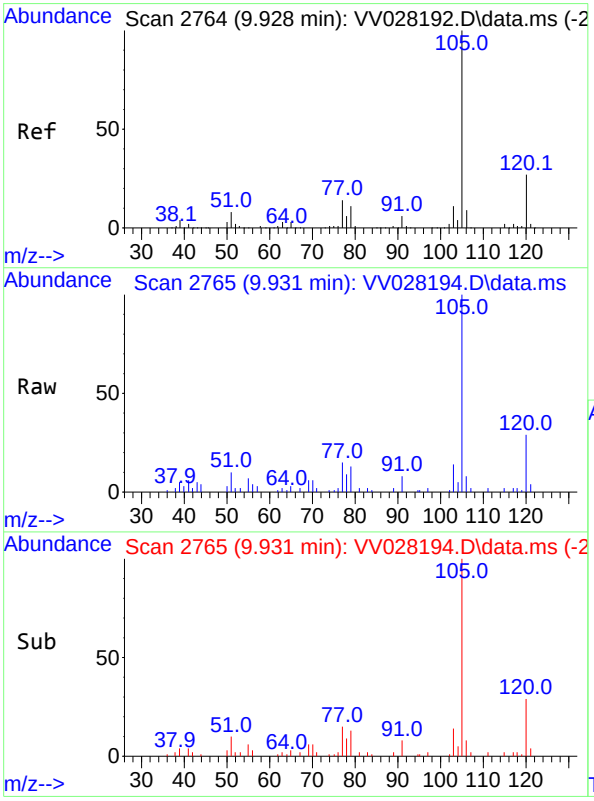
#57
1,1,2,2-Tetrachloroethane
Concen: 0.234 ug/L
RT: 10.236 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 83 Resp: 2318

Ion	Ratio	Lower	Upper
83	100		
85	22.9	45.2	84.0#
131	9.7	7.8	11.8

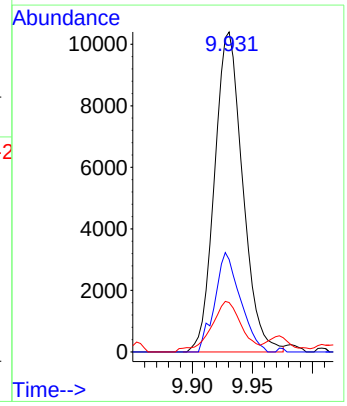


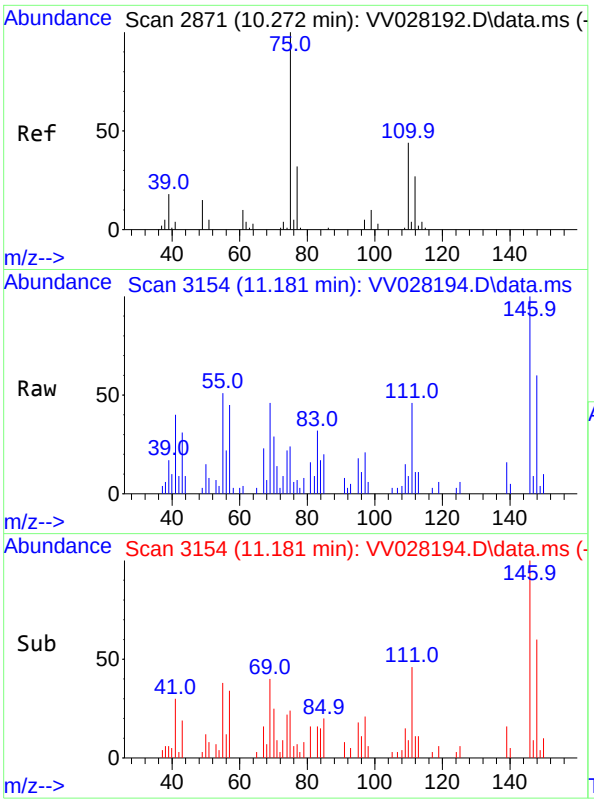


#60
Isopropylbenzene
Concen: 0.306 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:105 Resp: 16956

Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.4	32.0
77	0.0	12.2	18.4#



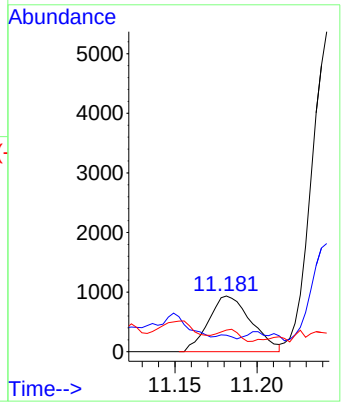


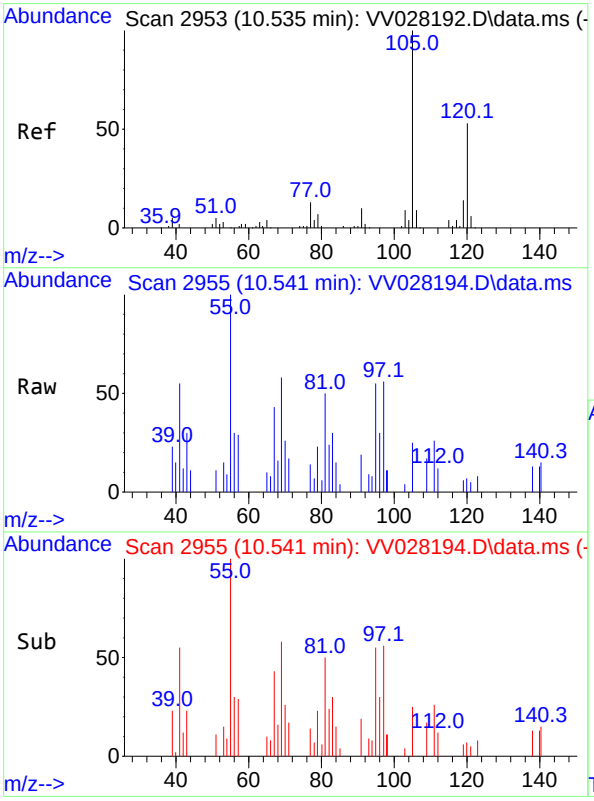
#61
1,2,3-Trichloropropane
Concen: 0.213 ug/L
RT: 11.181 min Scan# 3
Delta R.T. 0.913 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion: 75 Resp: 1688

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	16.5	30.1	45.1#

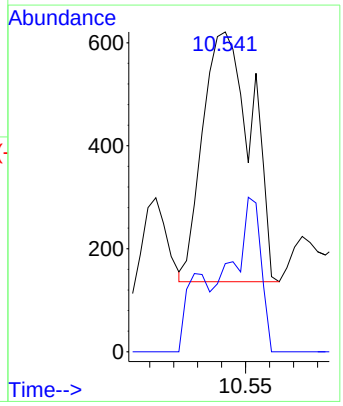


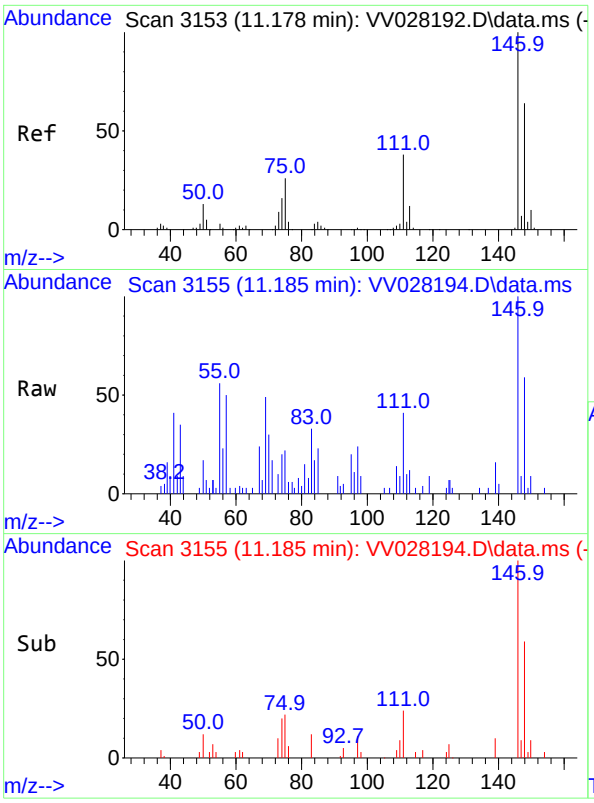


#62
1,3,5-Trimethylbenzene
Concen: 0.044 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:105 Resp: 681

Ion	Ratio	Lower	Upper
105	100		
120	38.2	40.6	61.0#



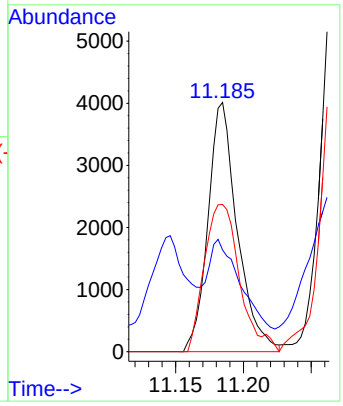


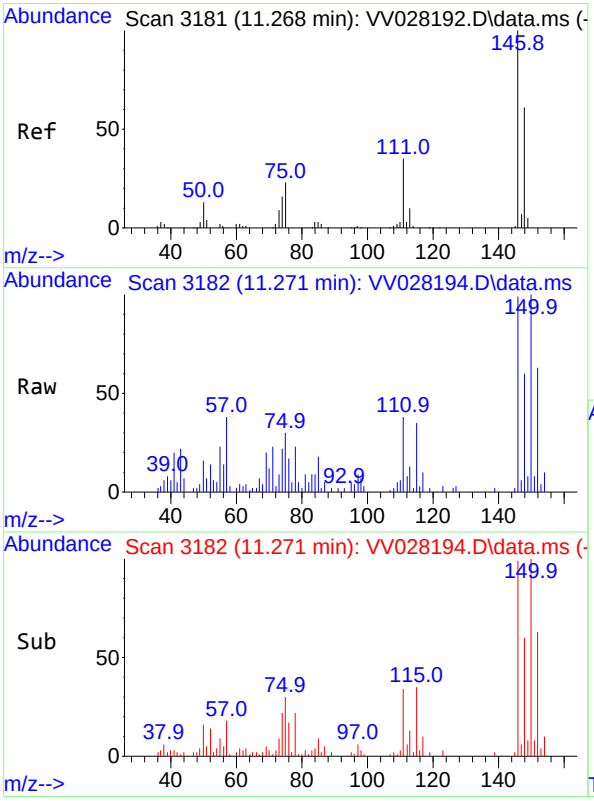
#64
1,3-Dichlorobenzene
Concen: 0.219 ug/L
RT: 11.185 min Scan# 3
Delta R.T. 0.009 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

Tgt Ion:146 Resp: 6042

Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.1	50.3
148	59.0	45.7	84.9

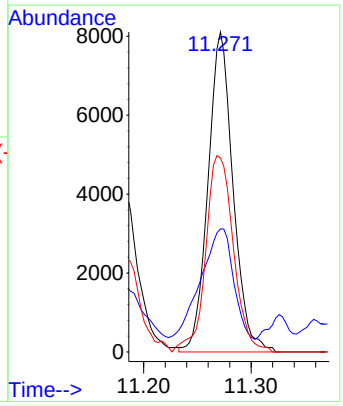


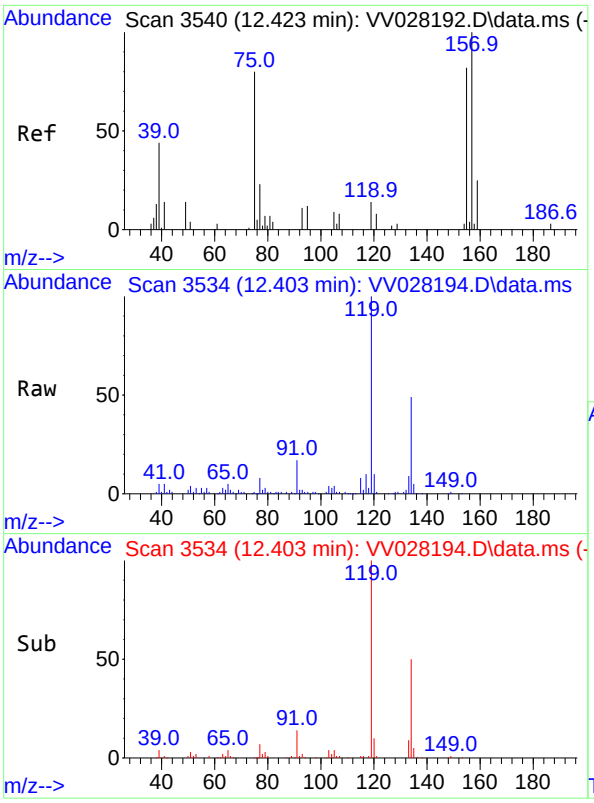


#65
1,4-Dichlorobenzene
Concen: 0.476 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:146 Resp: 13114

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.2	48.8
148	60.6	45.8	85.2



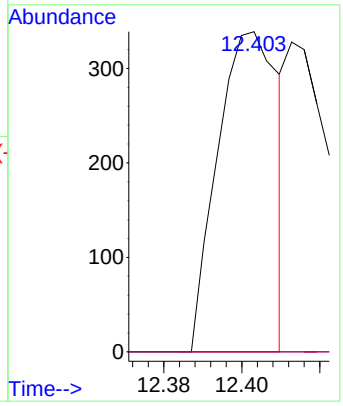


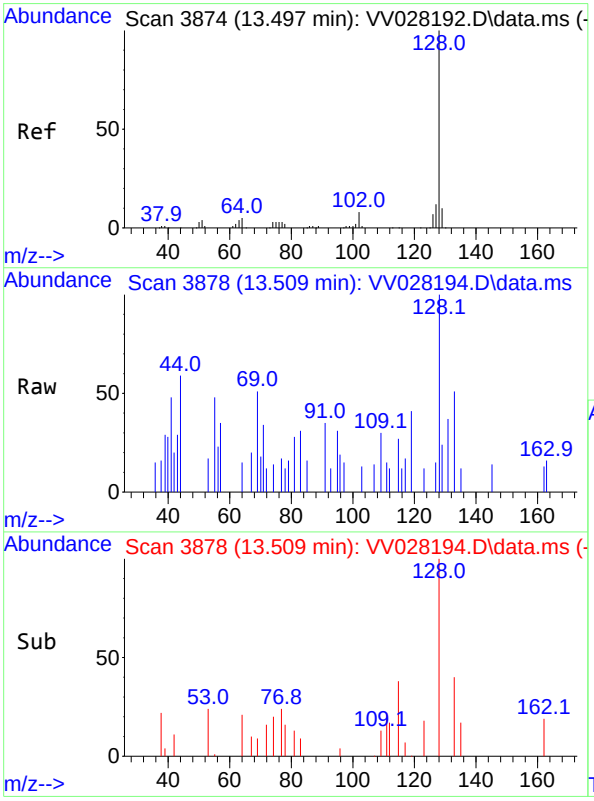
#68
1,2-Dibromo-3-chloropropane
Concen: 0.209 ug/L
RT: 12.403 min Scan# 3
Delta R.T. -0.019 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Instrument :
MSVOA_V
ClientSampleId :
CB8P1DL

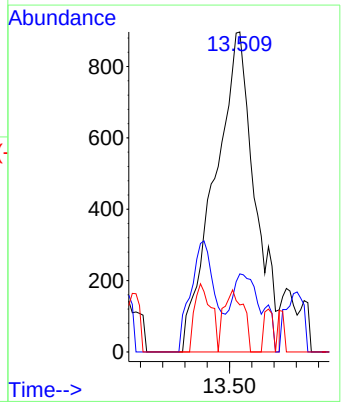
Tgt Ion: 75 Resp: 363

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.6	110.4#
157	0.0	90.7	136.1#





#71
Naphthalene
Concen: 0.079 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.013 min
Lab File: VV028194.D
Acq: 29 Sep 2022 18:28

Tgt Ion:128 Resp: 2258

Ion	Ratio	Lower	Upper
128	100		
129	7.7	8.2	12.2#
127	9.3	10.4	15.6#