Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072820\
Data File : VV017712.D
Acq On : 28 Jul 2020 18:17
Operator : SY/MD
Sample : L3470-04MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AE6MS

Quant Time: Jul 29 06:49:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147345	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149465	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75670	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29431	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.58	69	26317	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.13	63	73784	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	3.92	46	78941	46.90	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.80%			
24) Chloroform-d	4.38	84	90492	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.06	65	46946	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
32) Benzene-d6	5.07	84	149143	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.10	67	40994	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.34	98	136410	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
45) trans-1,3-Dichloropropene-	7.64	79	17663	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
48) 2-Hexanone-d5	8.11	63	56508	43.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.86%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28600	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	59543	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	34284	4.321	ug/L	96
16) Methylene chloride	2.53	84	2508	0.284	ug/L	86
18) trans-1,2-Dichloroethene	2.77	96	1248	0.144	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	120180	11.038	ug/L	97
25) Chloroform	4.41	83	18626	0.913	ug/L	84
33) Benzene	5.12	78	189773	4.486	ug/L	100
34) Trichloroethene	5.94	95	437777	37.045	ug/L	99
42) Toluene	7.41	91	222643	4.824	ug/L	96
49) Tetrachloroethene	8.00	164	2292	0.220	ug/L #	81
53) Chlorobenzene	8.90	112	159812	5.194	ug/L	99
55) m,p-xylene	9.16	106	2401	0.123	ug/L	97

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

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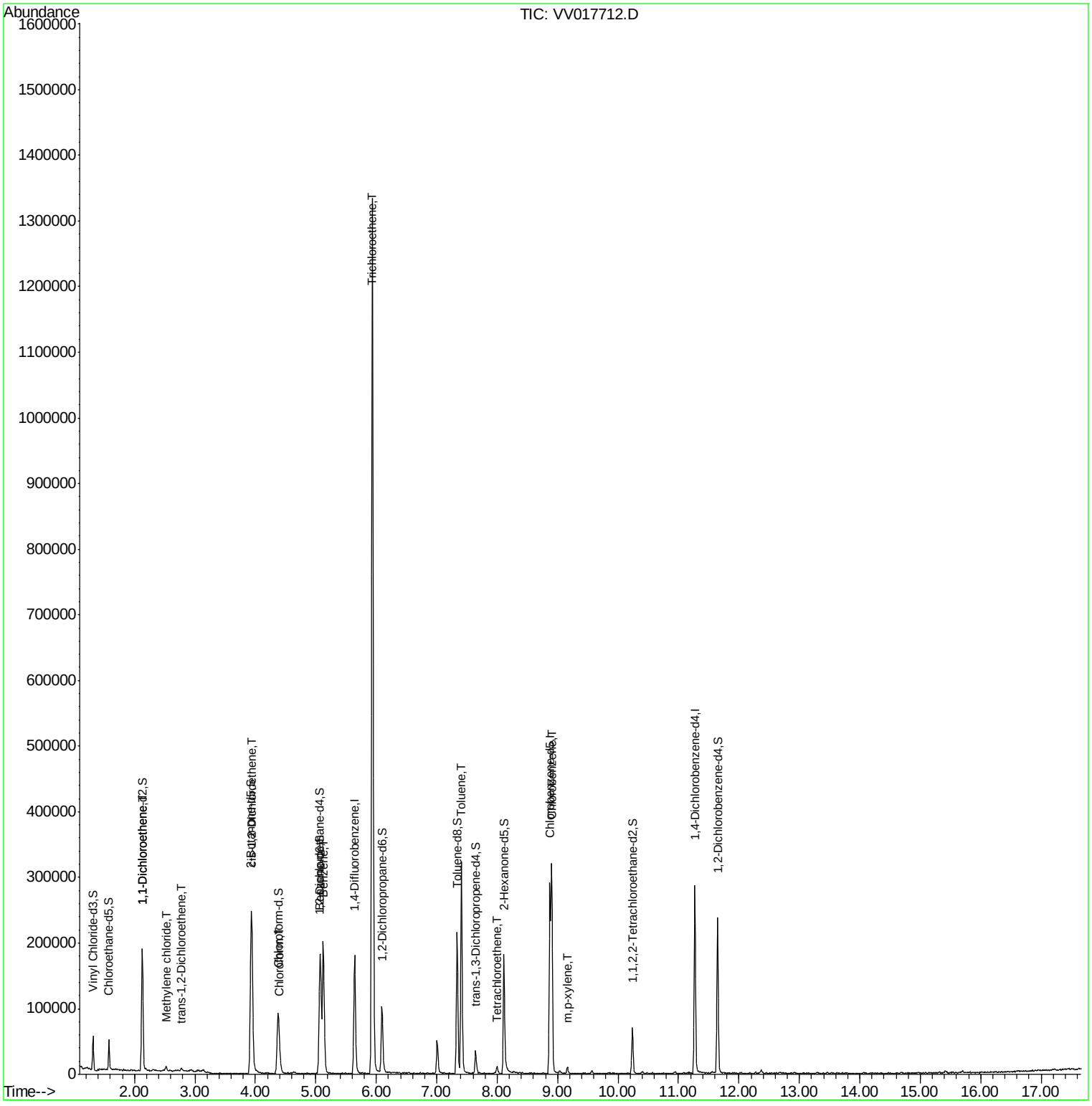
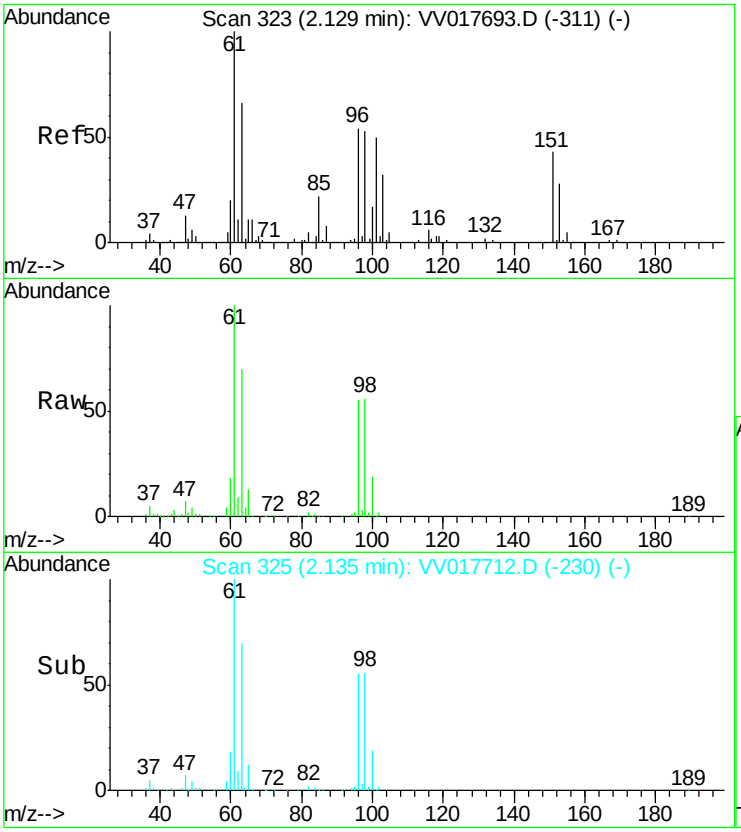
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AE6MS

Quant Time: Jul 29 06:49:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration



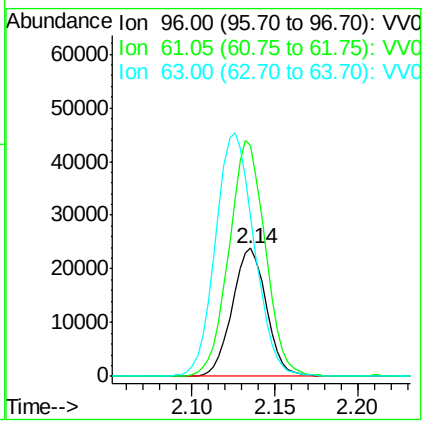


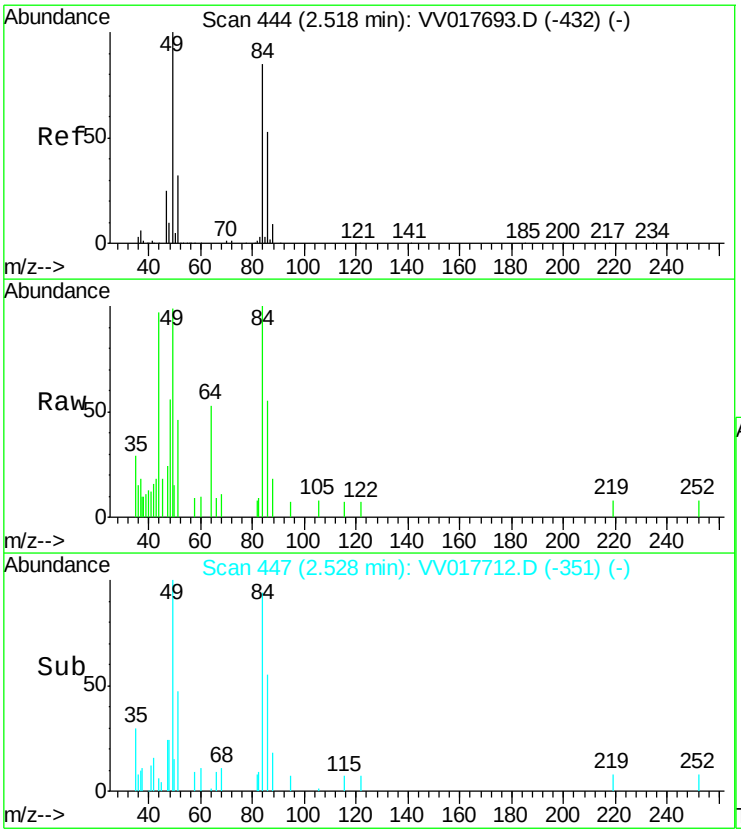
#12
1,1-Dichloroethene
Concen: 4.321 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Instrument : MSVOA_V
ClientSampleId : H0AE6MS

Tgt Ion: 96 Resp: 34284

Ion	Ratio	Lower	Upper
96	100		
61	180.3	123.1	228.7
63	125.5	91.2	169.4

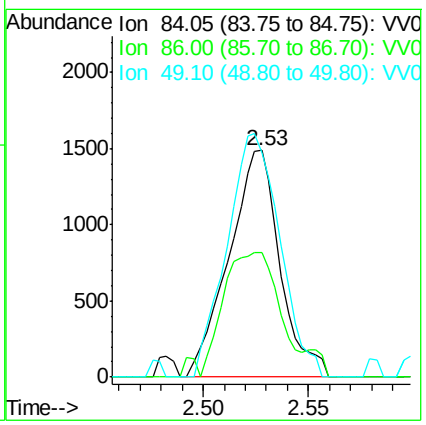


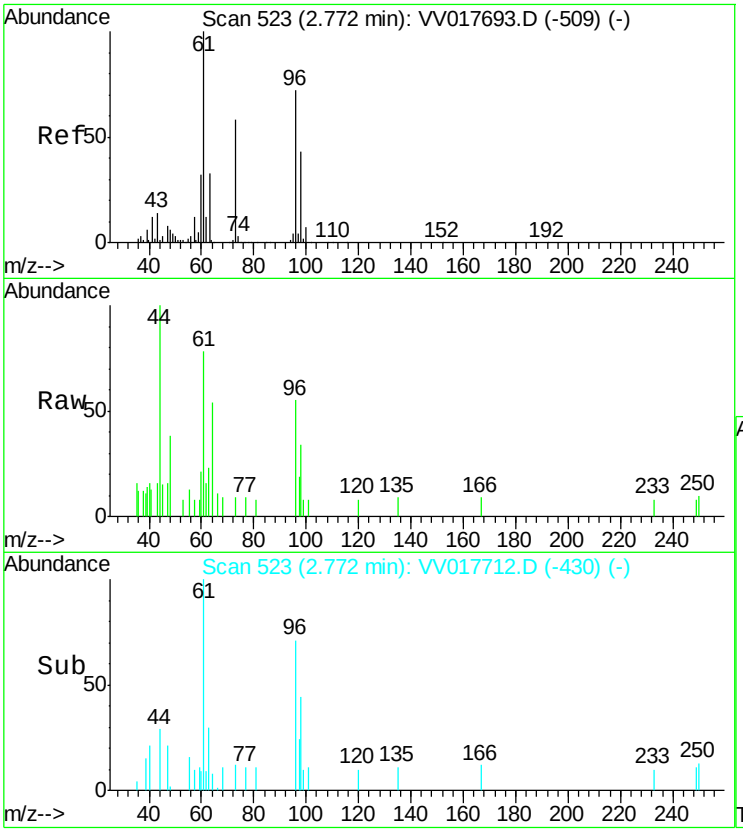


#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion: 84 Resp: 2508

Ion	Ratio	Lower	Upper
84	100		
86	54.7	46.5	86.3
49	98.7	79.2	147.2



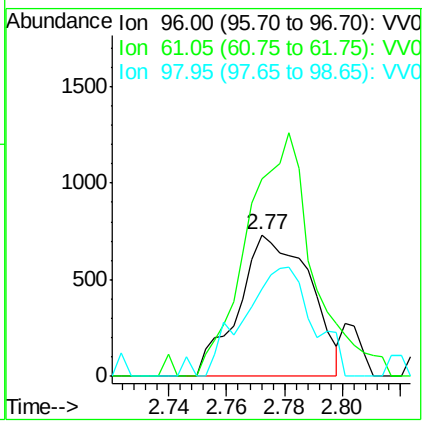


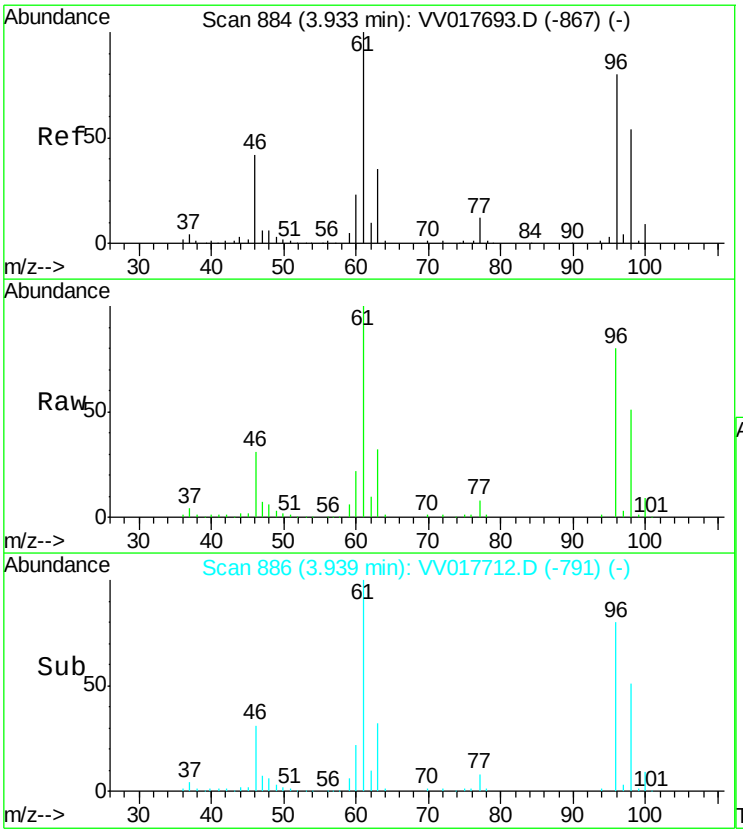
#18
trans-1,2-Dichloroethene
Concen: 0.144 ug/L
RT: 2.77 min Scan# 523
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :
H0AE6MS

Tgt Ion: 96 Resp: 1248

Ion	Ratio	Lower	Upper
96	100		
61	140.1	96.0	178.4
98	62.1	43.5	80.9

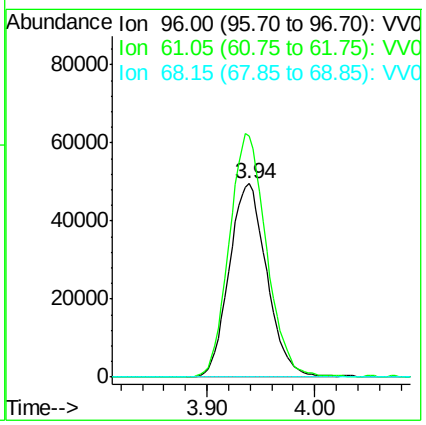


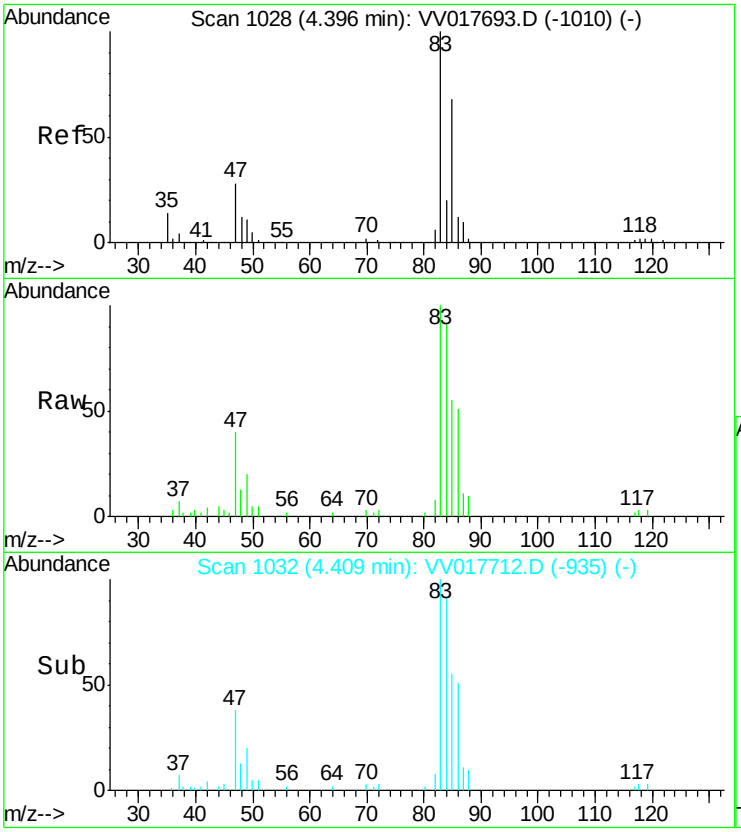


#22
cis-1,2-Dichloroethene
Concen: 11.038 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion: 96 Resp: 120180

Ion	Ratio	Lower	Upper
96	100		
61	125.0	89.6	166.4
68	0.0	0.0	0.0



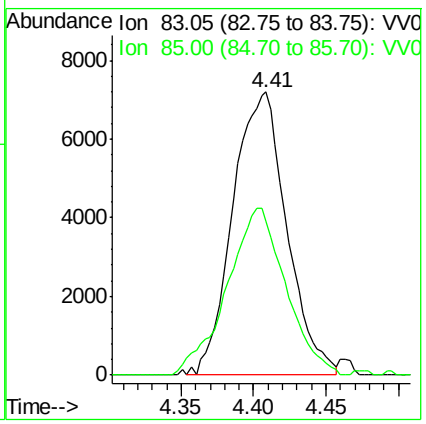


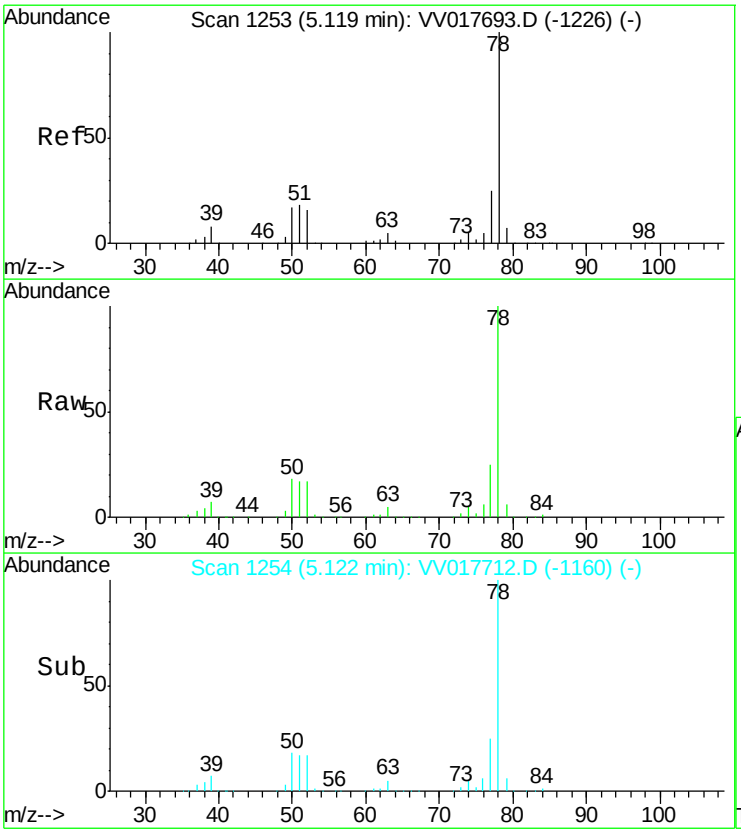
#25
Chloroform
Concen: 0.913 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :
H0AE6MS

Tgt Ion: 83 Resp: 18626

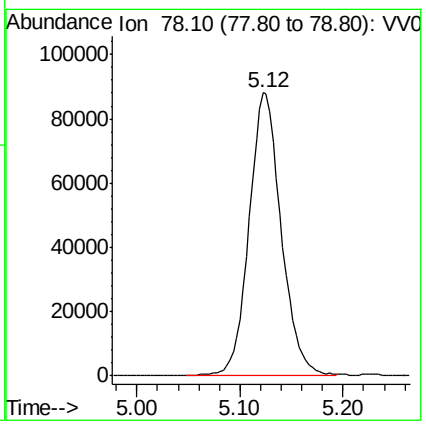
Ion	Ratio	Lower	Upper
83	100		
85	54.6	47.3	87.9

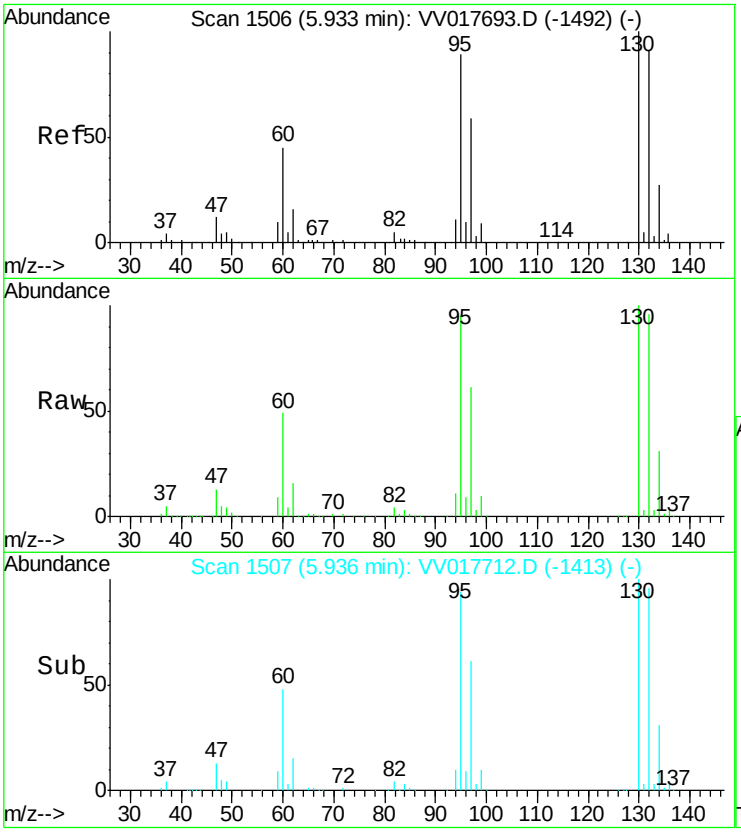




#33
Benzene
Concen: 4.486 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion: 78 Resp: 189773



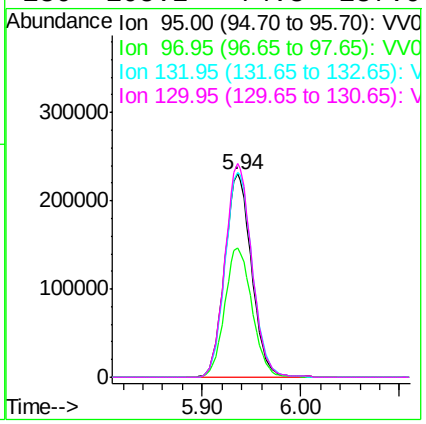


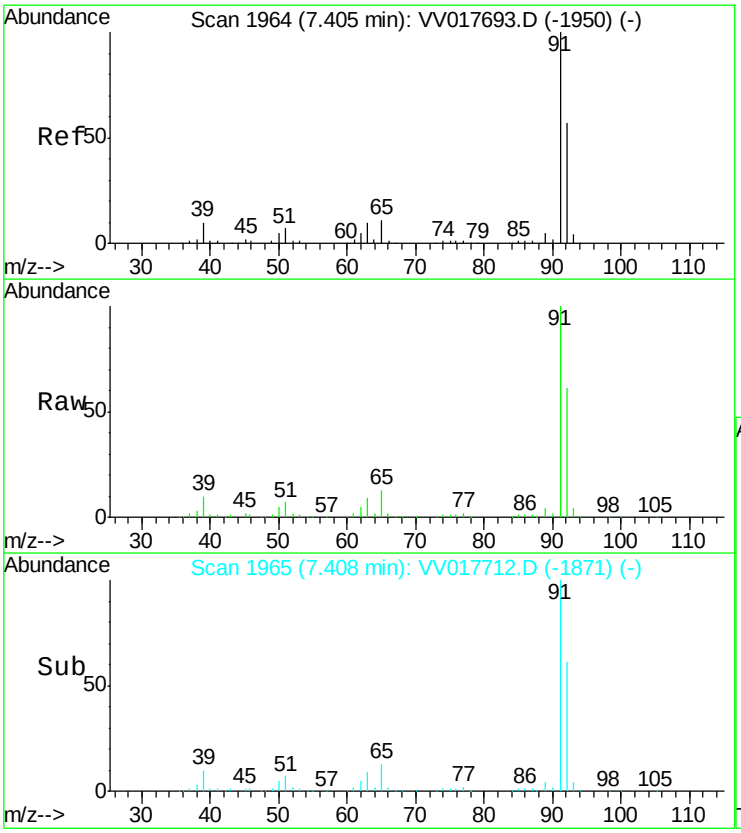
#34
Trichloroethene
Concen: 37.045 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :
H0AE6MS

Tgt Ion: 95 Resp: 437777

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.1	85.5
132	101.1	71.7	133.1
130	105.2	74.3	137.9

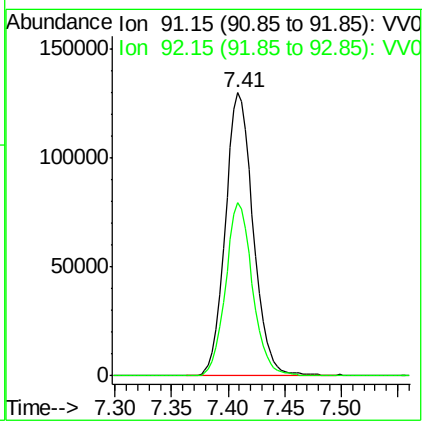


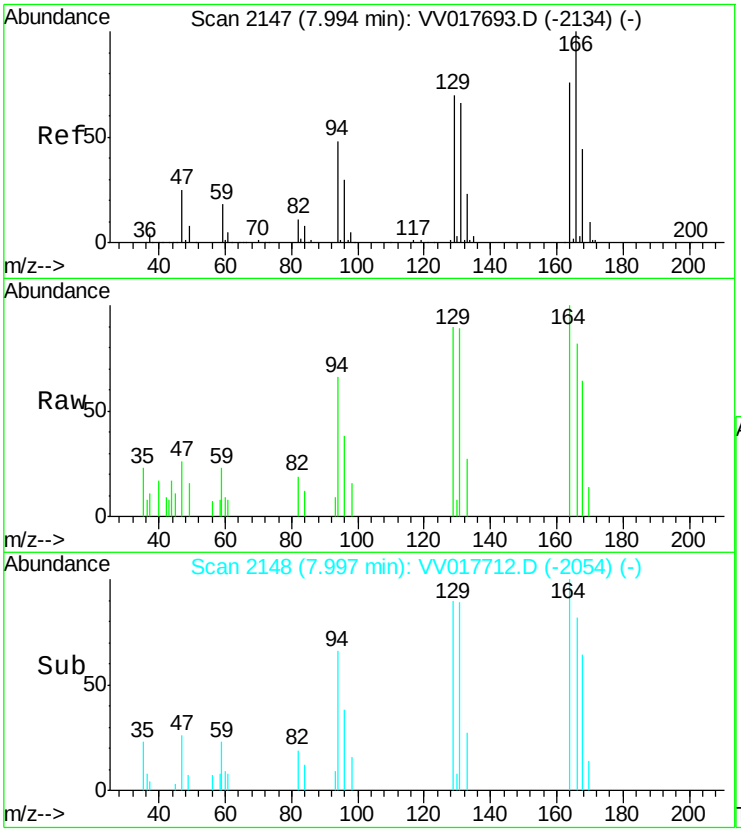


#42
Toluene
Concen: 4.824 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion: 91 Resp: 222643

Ion	Ratio	Lower	Upper
91	100		
92	61.1	40.8	75.8



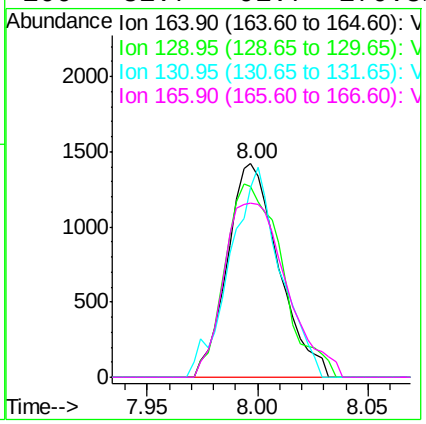


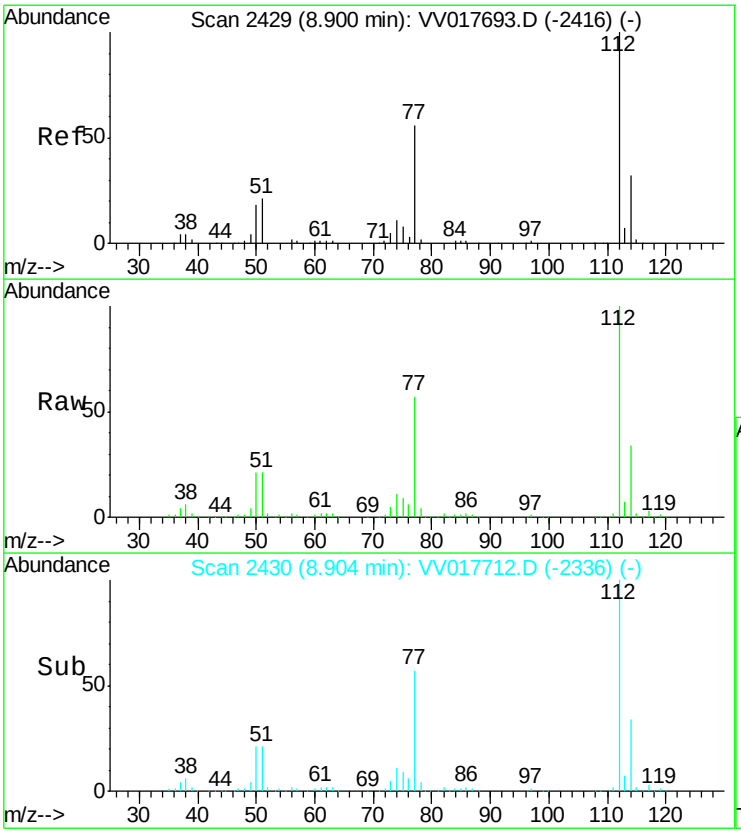
#49
Tetrachloroethene
Concen: 0.220 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Instrument : MSVOA_V
ClientSampleId : H0AE6MS

Tgt Ion:164 Resp: 2292

Ion	Ratio	Lower	Upper
164	100		
129	89.5	65.0	120.8
131	88.9	63.6	118.2
166	81.7	91.7	170.3#

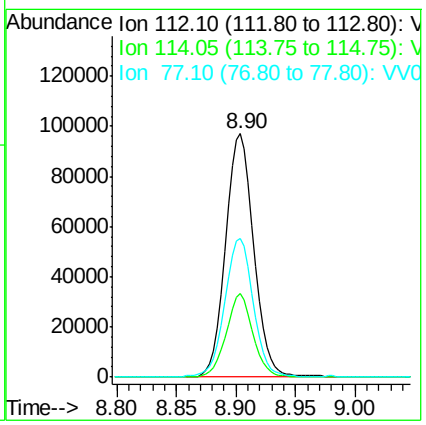


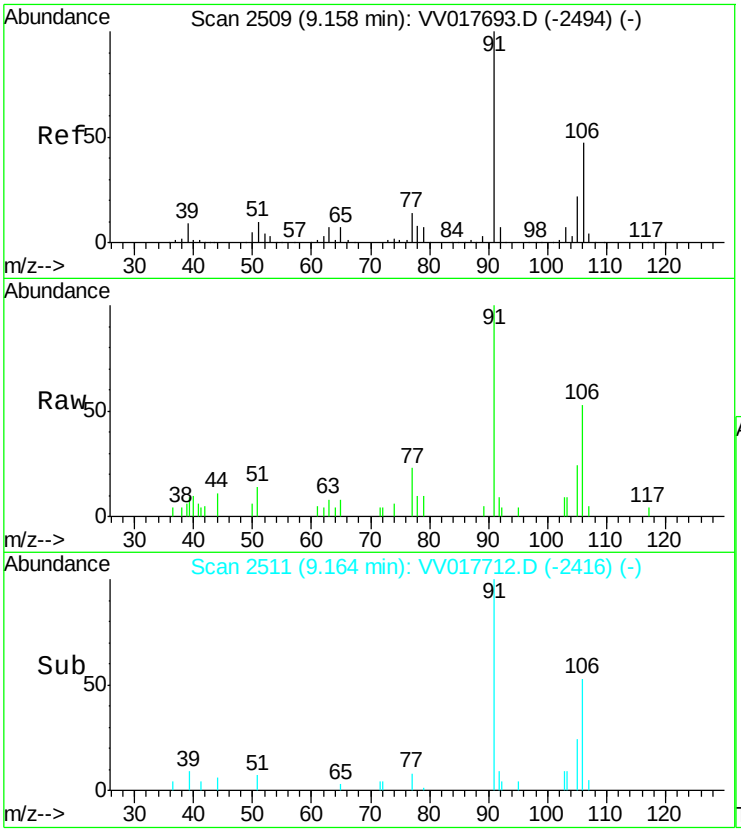


#53
Chlorobenzene
Concen: 5.194 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion:112 Resp: 159812

Ion	Ratio	Lower	Upper
112	100		
114	34.2	23.2	43.2
77	56.9	45.6	68.4

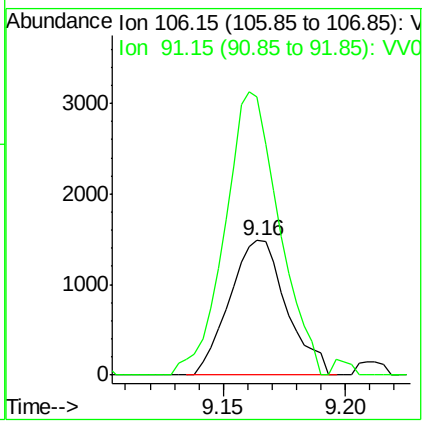




#55
m,p-xylene
Concen: 0.123 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017712.D
Acq: 28 Jul 2020 18:17

Tgt Ion:106 Resp: 2401

Ion	Ratio	Lower	Upper
106	100		
91	206.6	141.3	262.3



Instrument :
MSVOA_V
ClientSampleId :
H0AE6MS