Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017062.D
Acq On : 23 Jun 2020 18:33
Operator : SY/MD
Sample : L3093-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTN1

Quant Time: Jun 24 07:33:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165942	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81330	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	40835	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	33393	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.12	63	65195	3.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.60%			
20) 2-Butanone-d5	3.95	46	132988	51.55	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.10%			
24) Chloroform-d	4.38	84	105592	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.06	65	58928	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.07	84	203671	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.09	67	61874	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.34	98	184828	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
45) trans-1,3-Dichloropropene-	7.64	79	23314	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
48) 2-Hexanone-d5	8.11	63	84761	41.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.88%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43654	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	75826	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	14439	1.305	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	3947	0.460	ug/L	96
19) 1,1-Dichloroethane	3.21	63	15799	0.820	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	31474	2.683	ug/L	96
33) Benzene	5.13	78	4431	0.102	ug/L	100
34) Trichloroethene	5.94	95	14328	1.126	ug/L	97
42) Toluene	7.41	91	6911	0.137	ug/L	88
53) Chlorobenzene	8.90	112	35407	1.124	ug/L	99
55) m,p-xylene	9.16	106	2460	0.116	ug/L	97
63) 1,3-Dichlorobenzene	11.21	146	19621	0.801	ug/L	93
64) 1,4-Dichlorobenzene	11.30	146	7033	0.283	ug/L	90

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

Quantitation Report (QT/LSC Reviewed)

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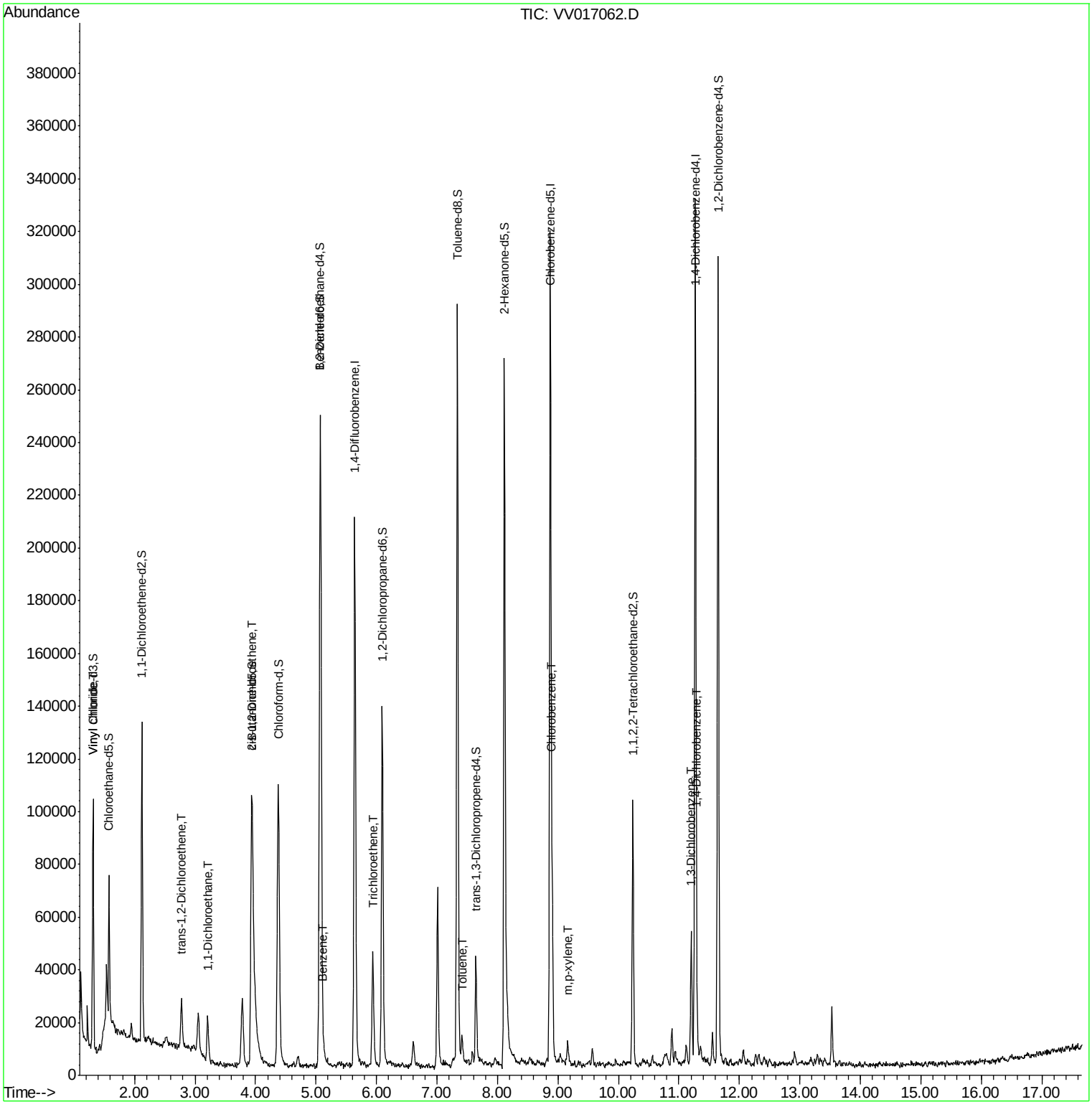
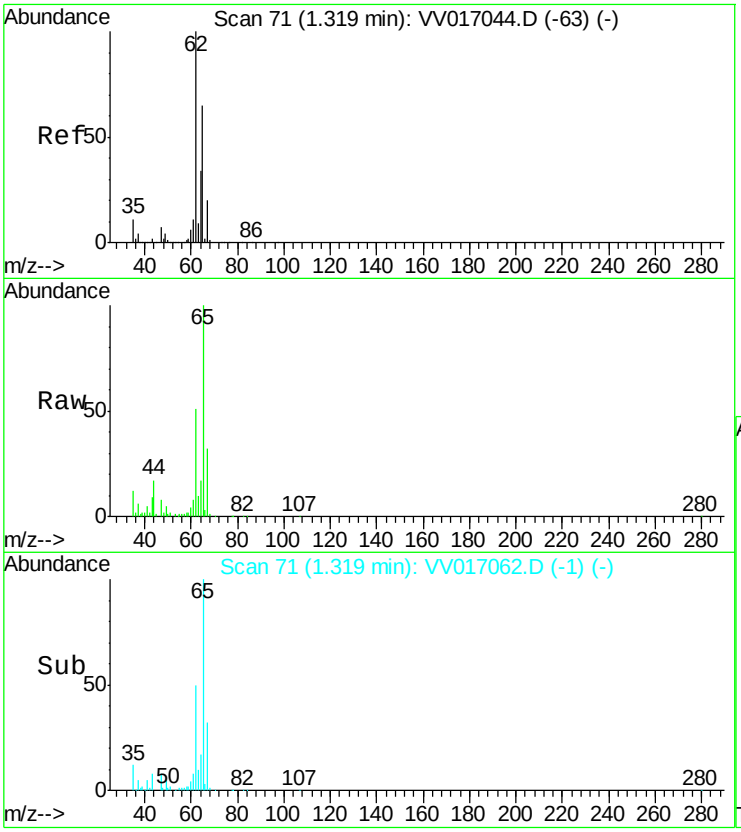
Acq On : 23 Jun 2020 18:33
Operator : SY/MD
Sample : L3093-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Quant Time: Jun 24 07:33:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration



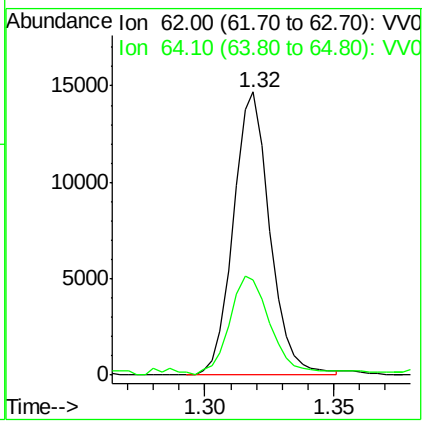


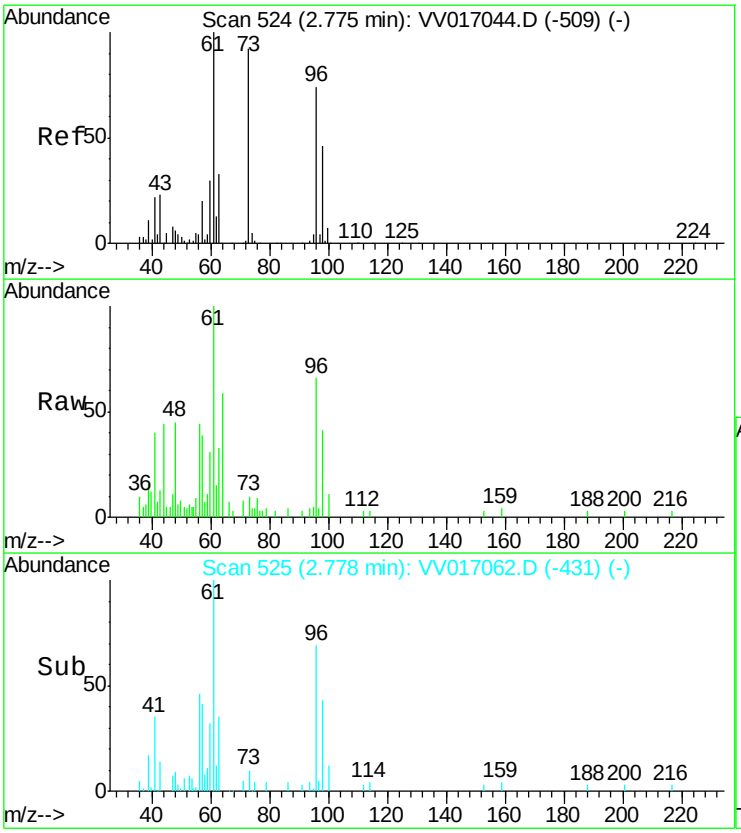
#5
Vinyl chloride
Concen: 1.305 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Tgt Ion: 62 Resp: 14439

Ion	Ratio	Lower	Upper
62	100		
64	33.8	22.5	41.7

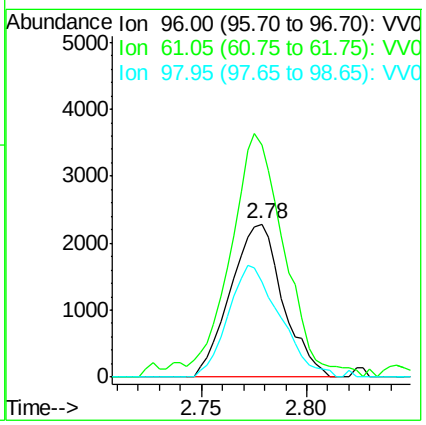


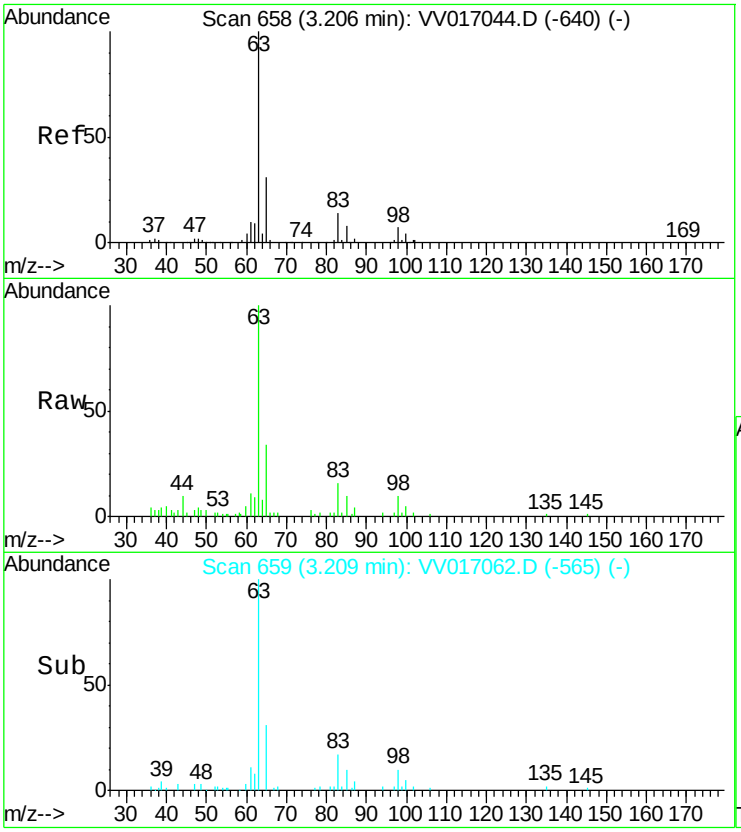


#18
trans-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Tgt Ion: 96 Resp: 3947

Ion	Ratio	Lower	Upper
96	100		
61	151.8	102.3	189.9
98	62.0	44.7	82.9



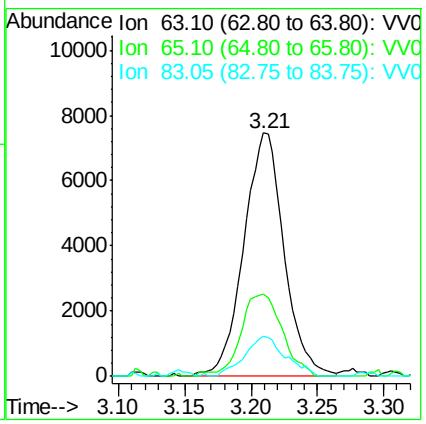


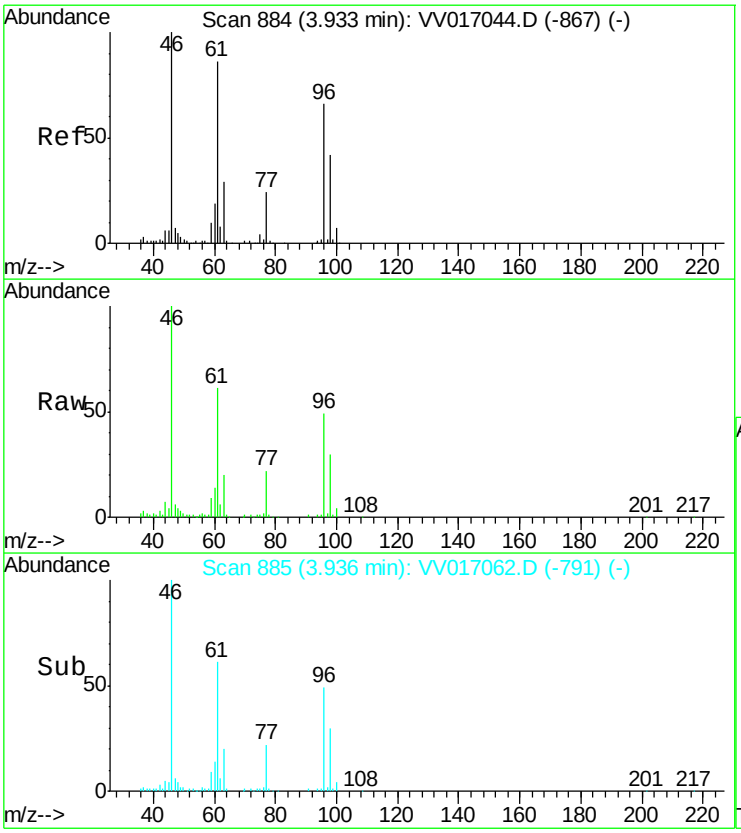
#19
1,1-Dichloroethane
Concen: 0.820 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Tgt Ion: 63 Resp: 15799

Ion	Ratio	Lower	Upper
63	100		
65	35.4	21.8	40.4
83	16.2	9.7	17.9

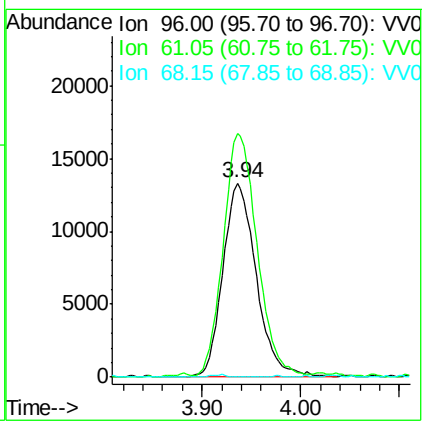


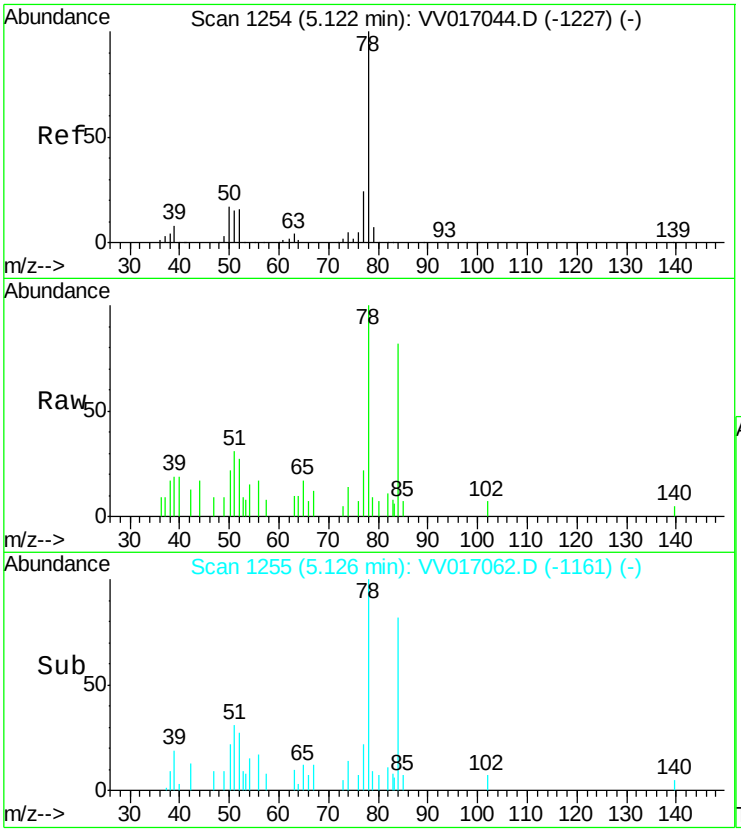


#22
cis-1,2-Dichloroethene
Concen: 2.683 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Tgt Ion: 96 Resp: 31474

Ion	Ratio	Lower	Upper
96	100		
61	125.6	91.0	169.0
68	0.0	0.0	0.0

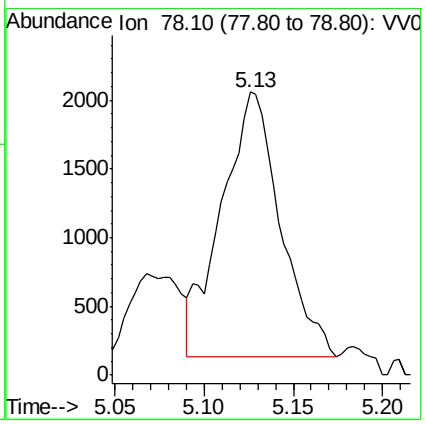


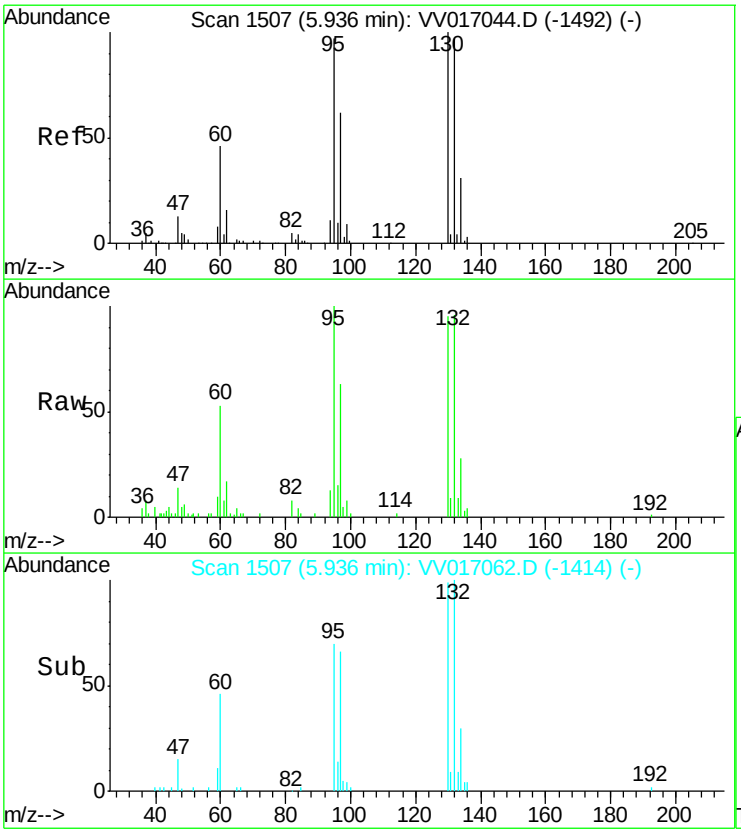


#33
Benzene
Concen: 0.102 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Tgt Ion: 78 Resp: 4431

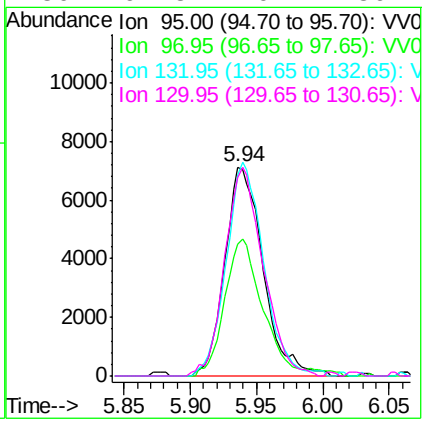


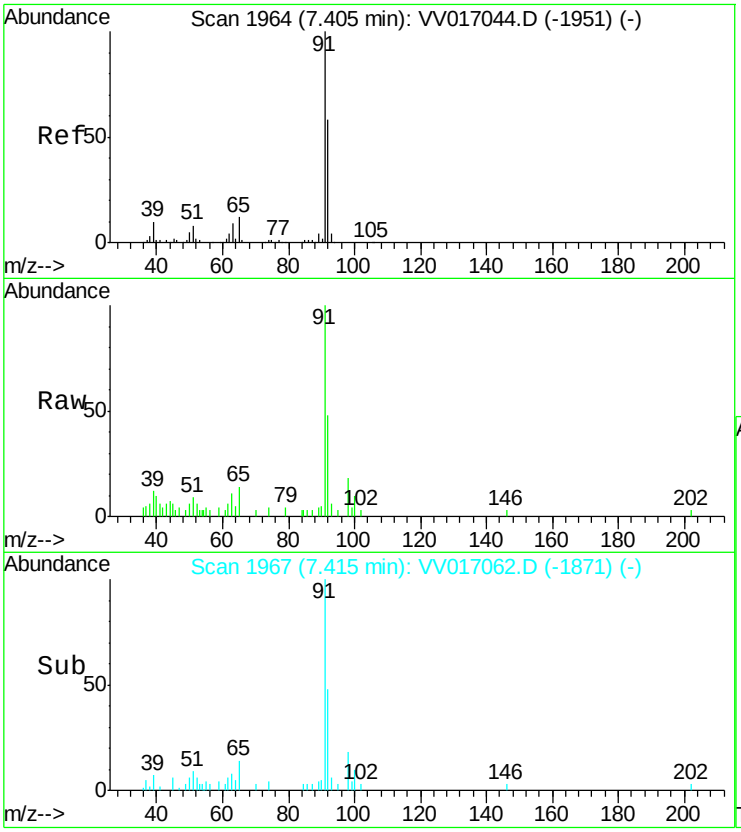


#34
Trichloroethene
Concen: 1.126 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Tgt Ion: 95 Resp: 14328

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.3	84.1
132	96.0	68.8	127.8
130	94.8	70.2	130.4



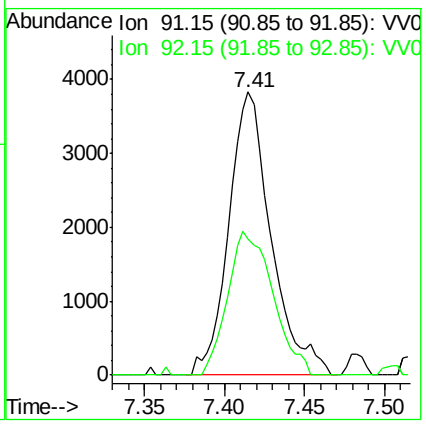


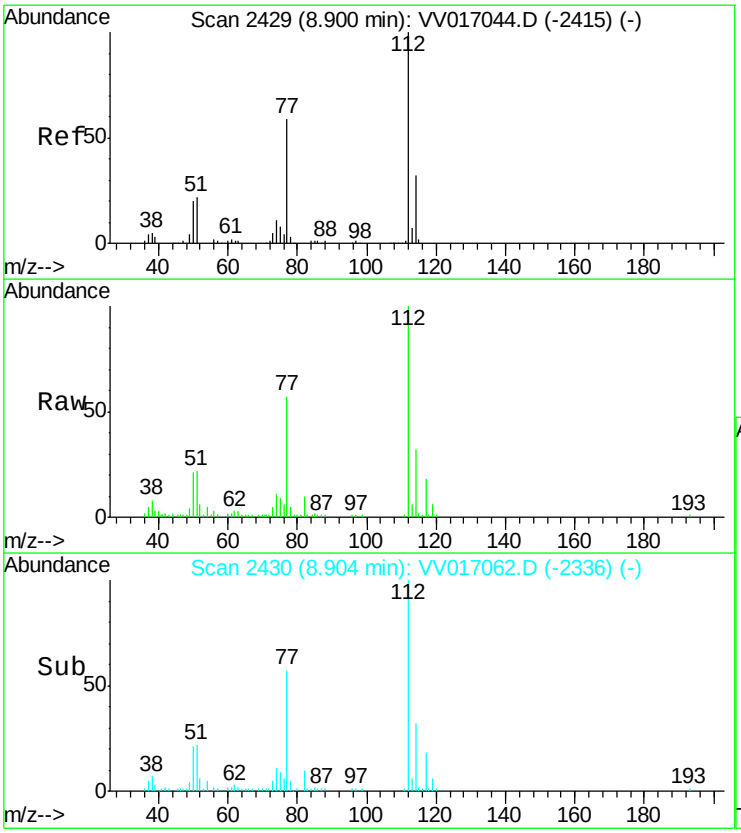
#42
Toluene
Concen: 0.137 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Tgt Ion: 91 Resp: 6911

Ion	Ratio	Lower	Upper
91	100		
92	48.2	39.9	74.1

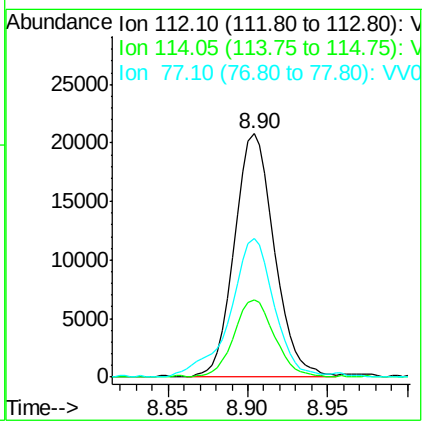


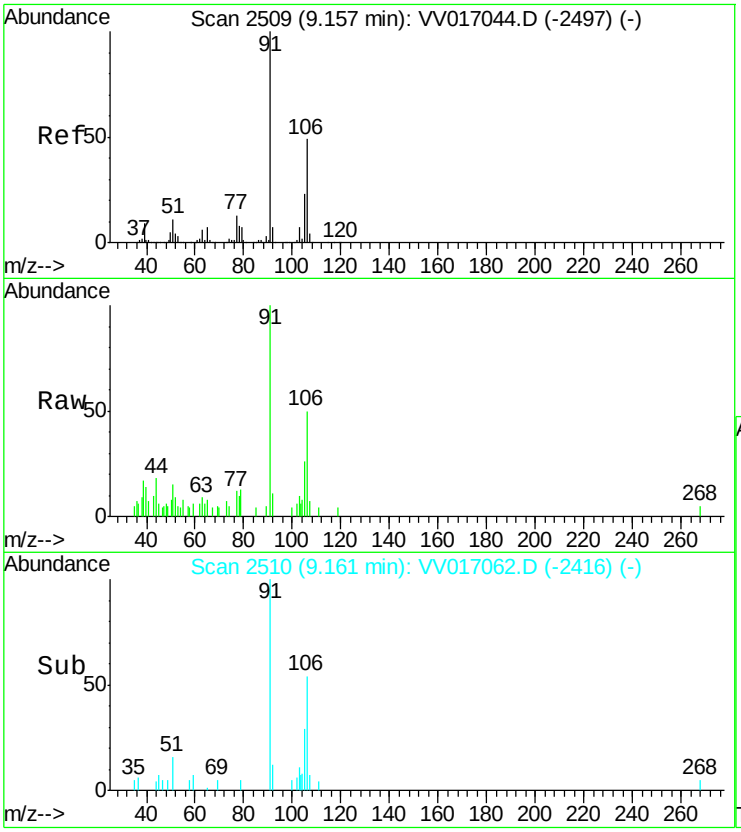


#53
Chlorobenzene
Concen: 1.124 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Tgt Ion:112 Resp: 35407

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	57.1	46.0	69.0



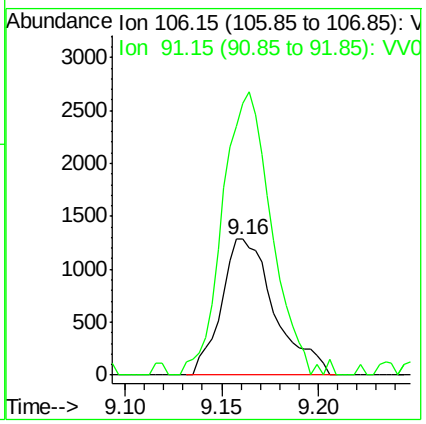


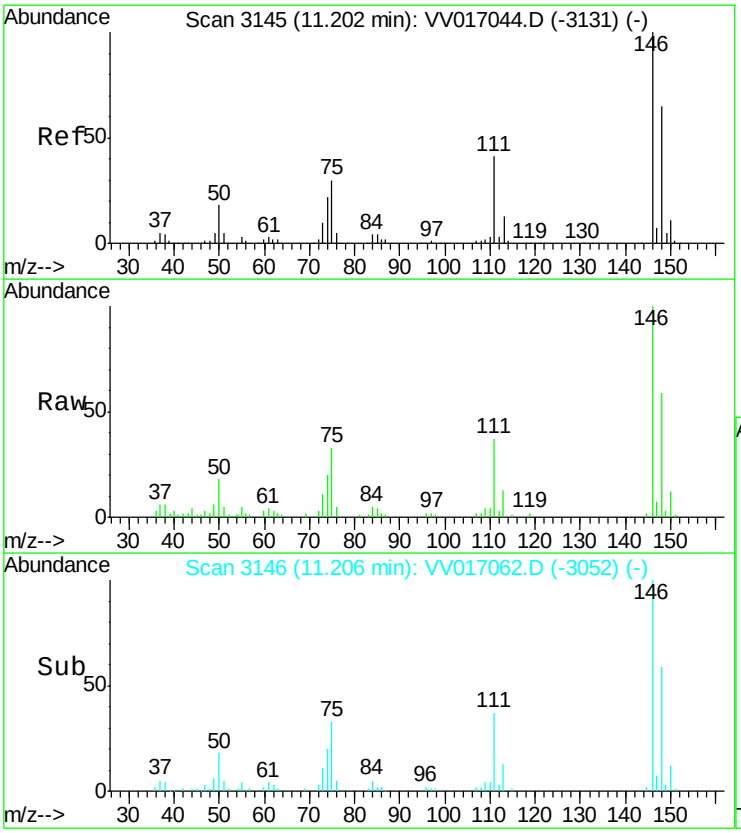
#55
m,p-xylene
Concen: 0.116 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument : MSVOA_V
ClientSampleId : ETTN1

Tgt Ion:106 Resp: 2460

Ion	Ratio	Lower	Upper
106	100		
91	199.8	142.7	264.9

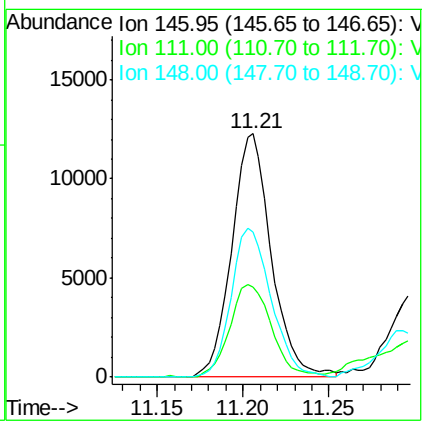


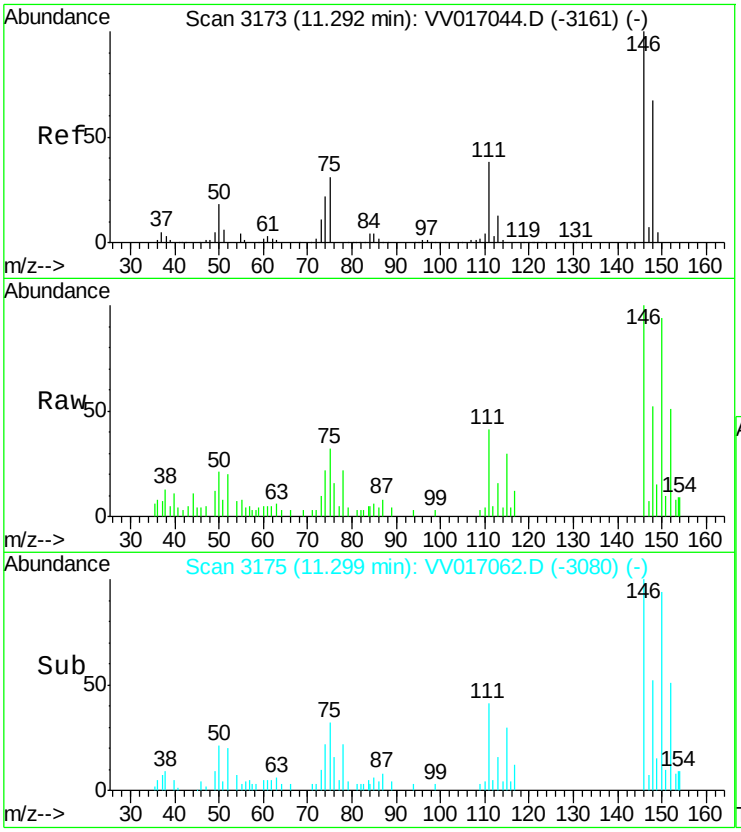


#63
1,3-Dichlorobenzene
Concen: 0.801 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Tgt Ion:146 Resp: 19621

Ion	Ratio	Lower	Upper
146	100		
111	36.7	29.2	54.2
148	59.5	44.9	83.5





#64
1,4-Dichlorobenzene
Concen: 0.283 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VV017062.D
Acq: 23 Jun 2020 18:33

Instrument :
MSVOA_V
ClientSampleId :
ETTN1

Tgt Ion:146 Resp: 7033

Ion	Ratio	Lower	Upper
146	100		
111	40.7	27.4	50.8
148	52.2	44.3	82.3