Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017170.D
Acq On : 26 Jun 2020 09:59
Operator : SY/MD
Sample : L3106-19DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP1DL

Quant Time: Jun 26 18:23:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 12:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158422	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157230	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73352	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46247	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.58	69	37310	5.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.00%			
11) 1,1-Dichloroethene-d2	2.12	63	70231	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%			
20) 2-Butanone-d5	3.96	46	116003	47.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.74%			
24) Chloroform-d	4.38	84	108823	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.06	65	58907	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.20%			
32) Benzene-d6	5.07	84	201712	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.10	67	58315	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.34	98	174637	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
45) trans-1,3-Dichloropropene-	7.64	79	23123	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
48) 2-Hexanone-d5	8.12	63	83855	43.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.54%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41492	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	69526	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	17549	1.688	ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	1036	0.129	ug/L	85
19) 1,1-Dichloroethane	3.21	63	7956	0.439	ug/L	90
22) cis-1,2-Dichloroethene	3.94	96	98079	8.902	ug/L #	98
29) 1,1,1-Trichloroethane	4.63	97	34423	1.827	ug/L	99
30) Cyclohexane	4.70	56	5256	0.293	ug/L	92
34) Trichloroethene	5.94	95	7775	0.645	ug/L	95
53) Chlorobenzene	8.90	112	13373	0.448	ug/L	90

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

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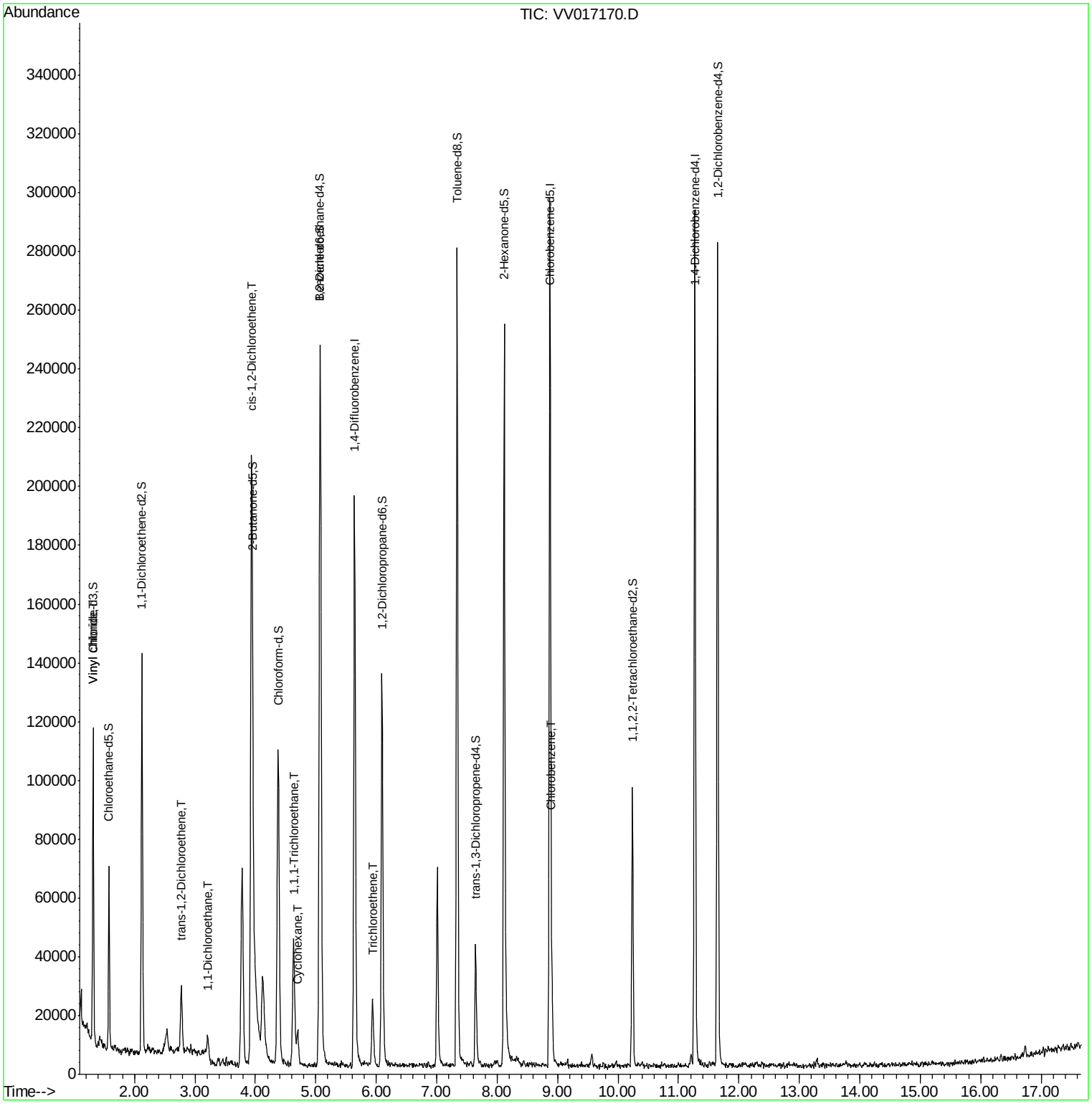
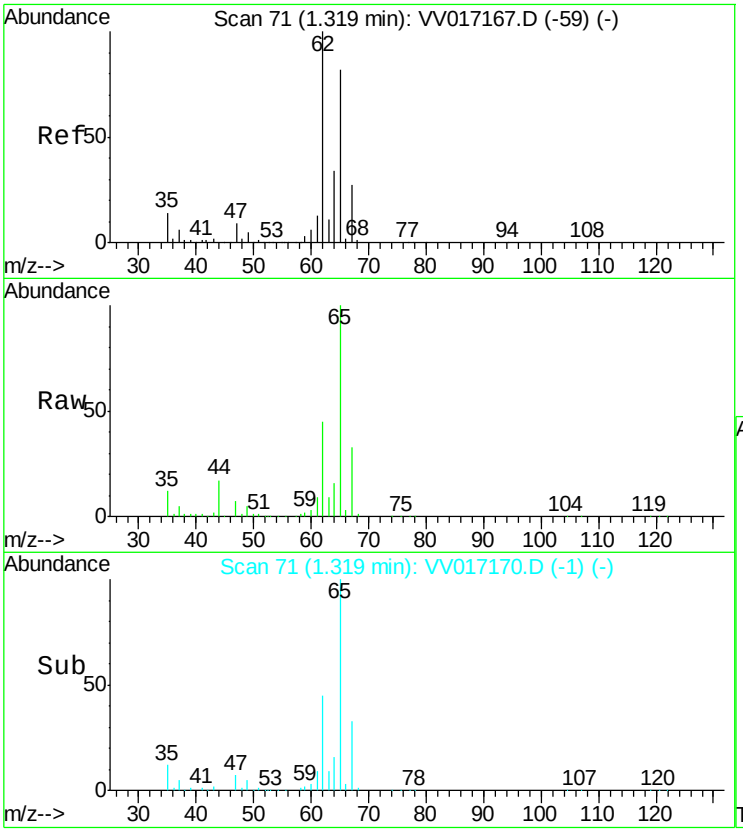


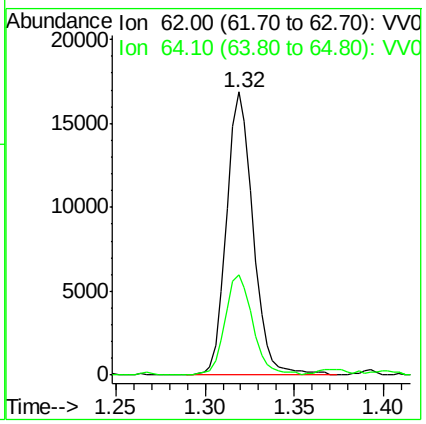


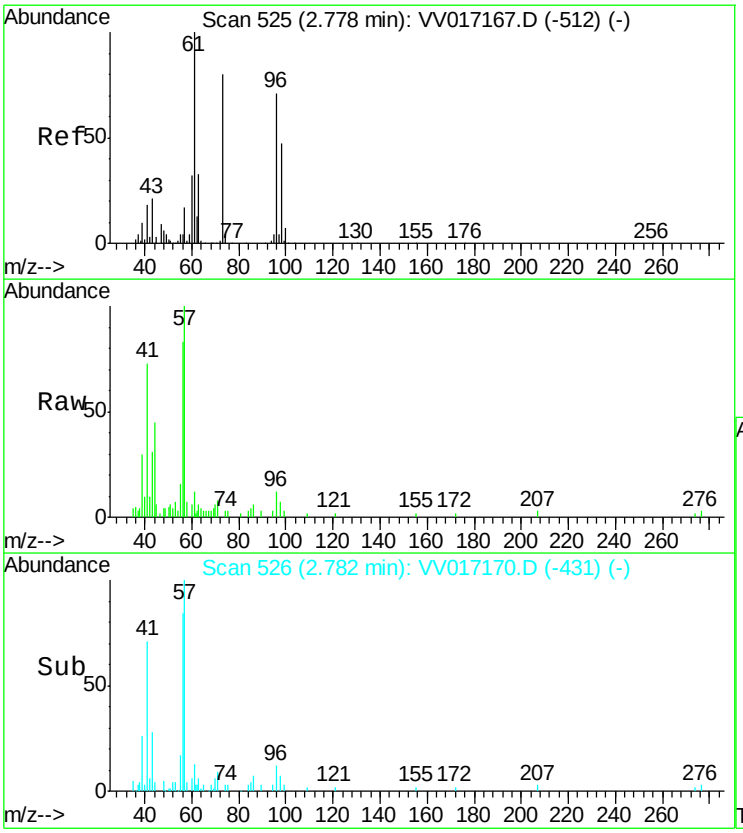
#5
Vinyl chloride
Concen: 1.688 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Instrument :
MSVOA_V
ClientSampleId :
BFXP1DL

Tgt Ion: 62 Resp: 17549

Ion	Ratio	Lower	Upper
62	100		
64	35.7	22.5	41.7

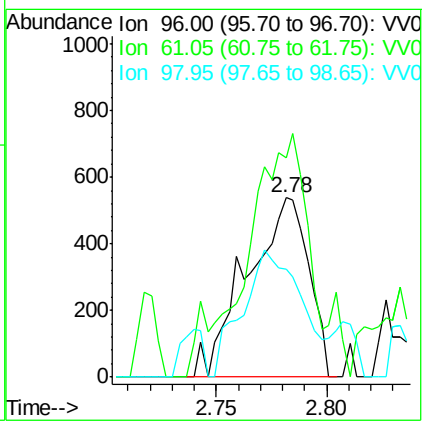


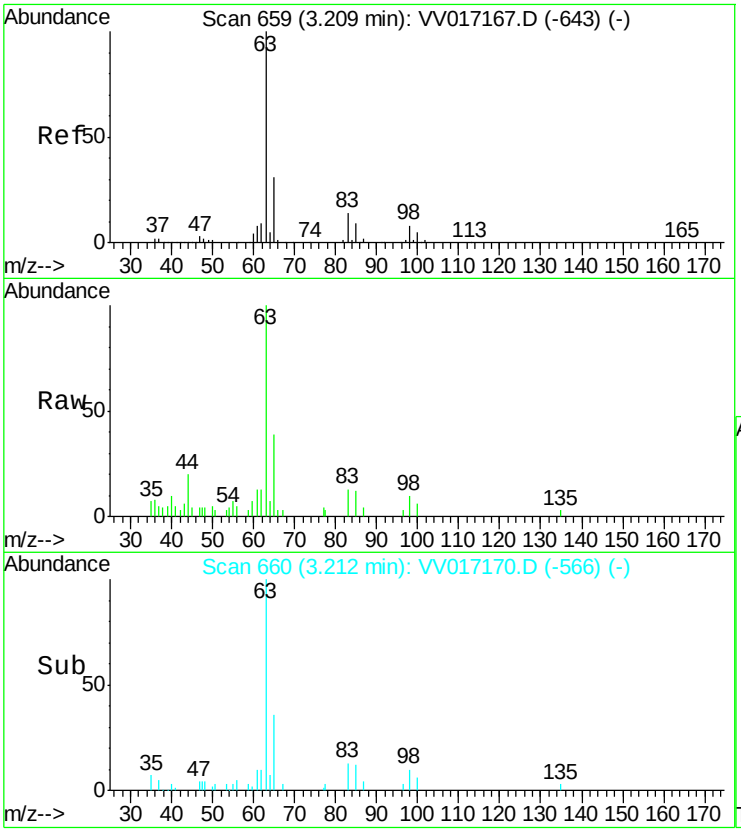


#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Tgt Ion: 96 Resp: 1036

Ion	Ratio	Lower	Upper
96	100		
61	122.7	102.3	189.9
98	60.0	44.7	82.9



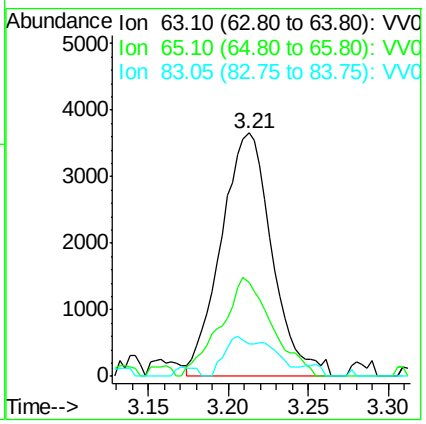


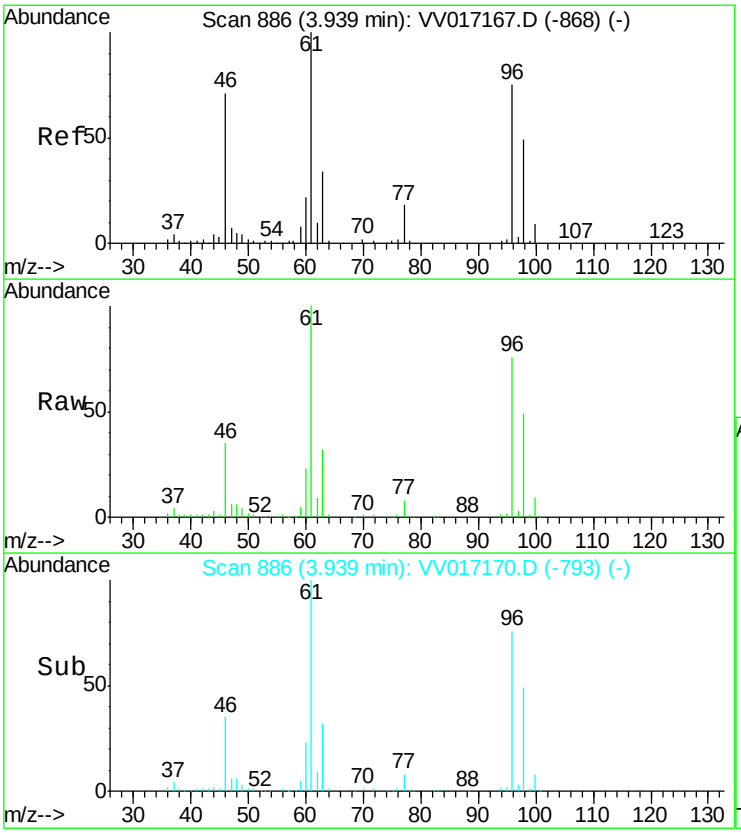
#19
1,1-Dichloroethane
Concen: 0.439 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Instrument :
MSVOA_V
ClientSampleId :
BFXP1DL

Tgt Ion: 63 Resp: 7956

Ion	Ratio	Lower	Upper
63	100		
65	38.6	21.8	40.4
83	13.1	9.7	17.9

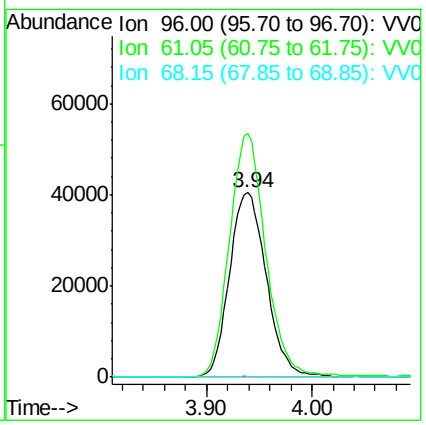


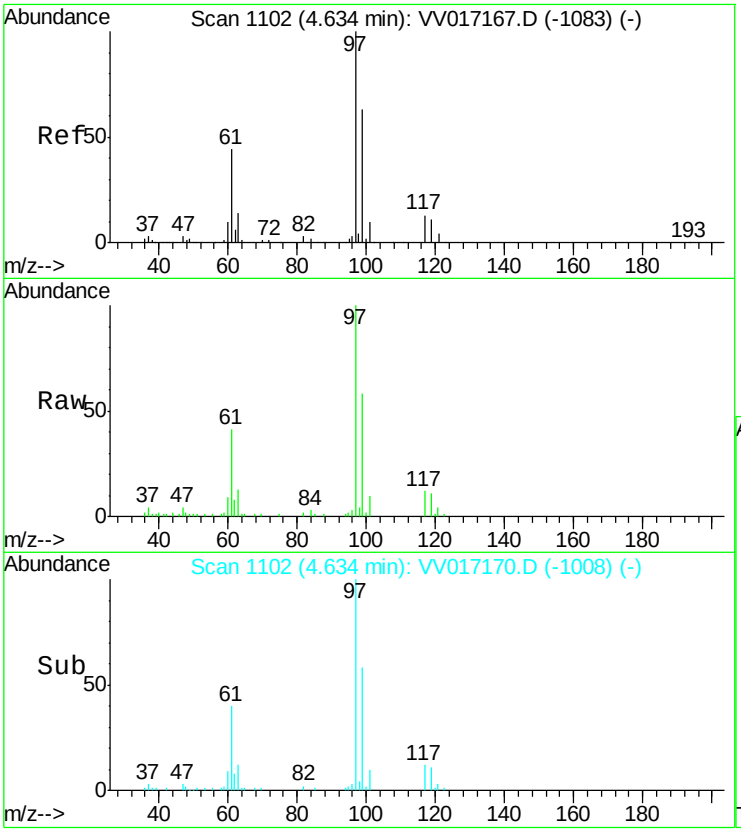


#22
cis-1,2-Dichloroethene
Concen: 8.902 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Tgt Ion: 96 Resp: 98079

Ion	Ratio	Lower	Upper
96	100		
61	132.0	91.0	169.0
68	0.3	0.0	0.0#



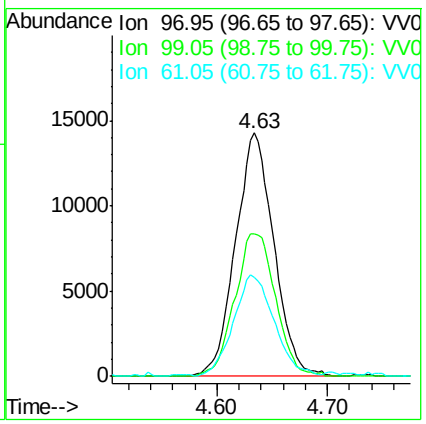


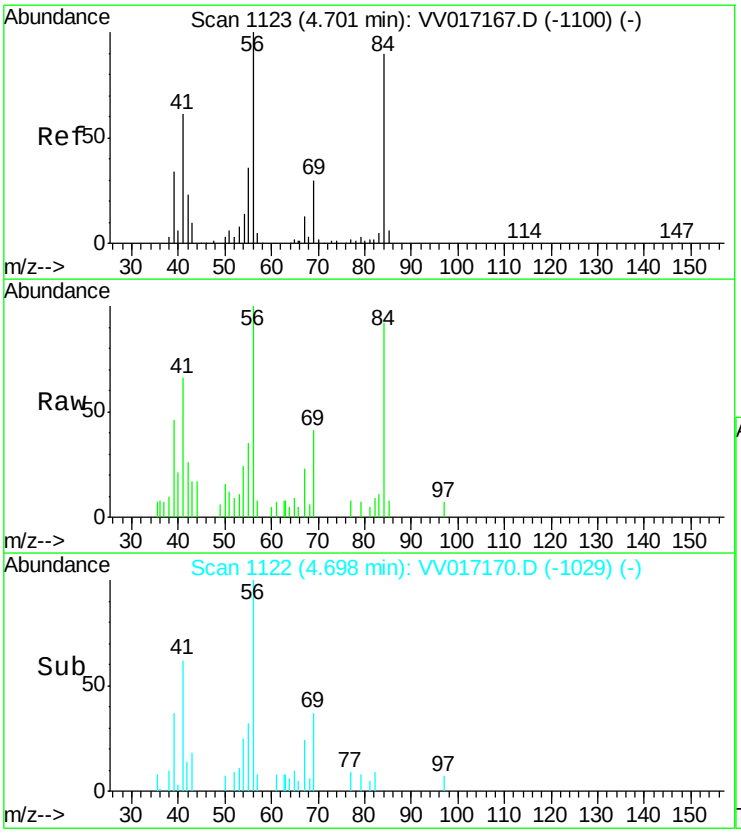
#29
1,1,1-Trichloroethane
Concen: 1.827 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Instrument :
MSVOA_V
ClientSampleId :
BFXP1DL

Tgt Ion: 97 Resp: 34423

Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.3	75.5
61	44.2	36.0	54.0

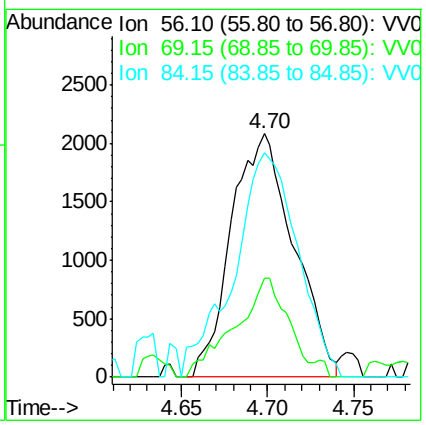


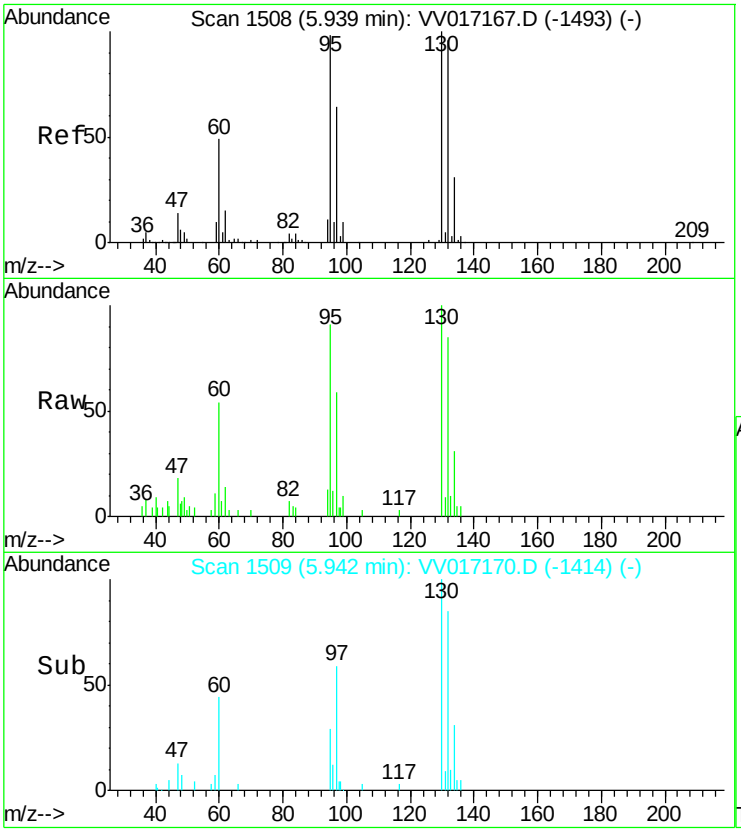


#30
Cyclohexane
Concen: 0.293 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Tgt Ion: 56 Resp: 5256

Ion	Ratio	Lower	Upper
56	100		
69	35.7	24.4	36.6
84	94.0	69.9	104.9



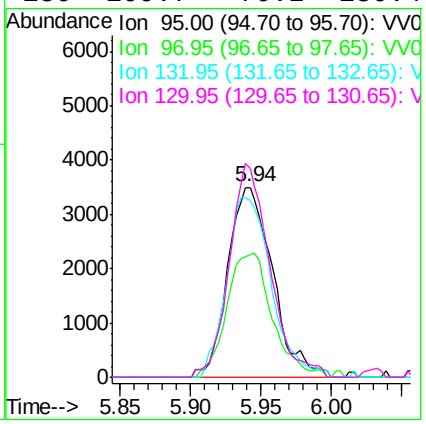


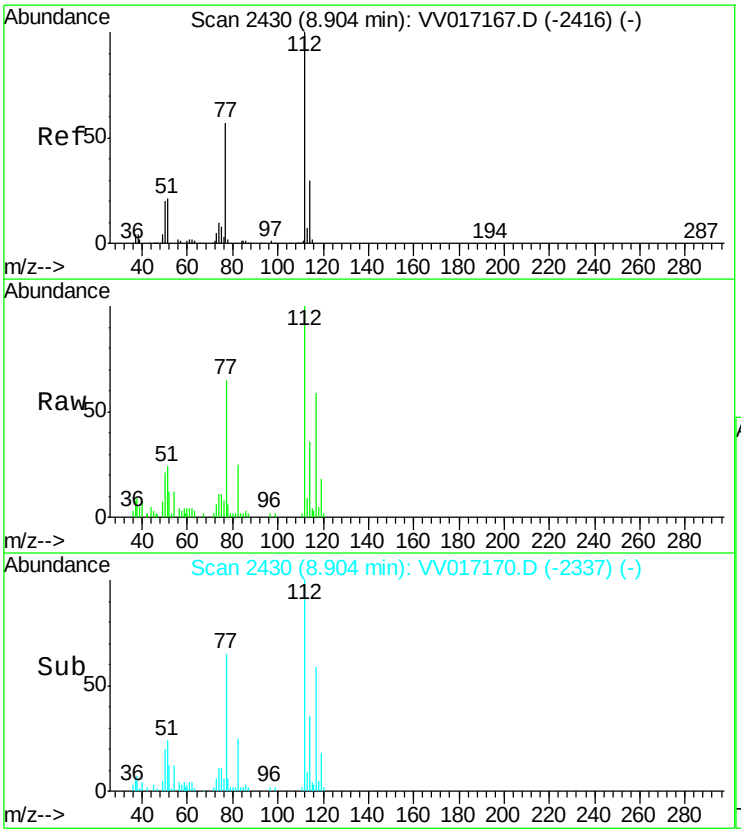
#34
Trichloroethene
Concen: 0.645 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Instrument : MSVOA_V
ClientSampleId : BFXP1DL

Tgt Ion: 95 Resp: 7775

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.3	84.1
132	93.4	68.8	127.8
130	109.7	70.2	130.4





#53
Chlorobenzene
Concen: 0.448 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017170.D
Acq: 26 Jun 2020 09:59

Tgt Ion:112 Resp: 13373

Ion	Ratio	Lower	Upper
112	100		
114	36.1	22.0	41.0
77	65.1	46.0	69.0