Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017169.D
Acq On : 26 Jun 2020 09:35
Operator : SY/MD
Sample : L3106-14DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6DL

Quant Time: Jun 26 13:00:55 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	177213	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171283	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79846	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46801	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.58	69	39304	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.12	63	72201	3.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.40%			
20) 2-Butanone-d5	3.95	46	123421	45.53	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.06%			
24) Chloroform-d	4.37	84	107460	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.06	65	59074	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.07	84	201306	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.09	67	58268	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.33	98	170737	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
45) trans-1,3-Dichloropropene-	7.64	79	23312	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
48) 2-Hexanone-d5	8.11	63	82205	38.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.88%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40223	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	69357	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	57703	4.962	ug/L	98
8) Chloroethane	1.32	64	19517	3.037	ug/L #	52
12) 1,1-Dichloroethene	2.13	96	1772	0.208	ug/L #	1
16) Methylene chloride	2.52	84	1656	0.182	ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	1957	0.217	ug/L	85
19) 1,1-Dichloroethane	3.21	63	95127	4.698	ug/L	98
21) 2-Butanone	4.12	43	98218	38.024	ug/L #	51
22) cis-1,2-Dichloroethene	3.94	96	31839	2.583	ug/L	97
25) Chloroform	4.40	83	7449	0.337	ug/L	98
27) 1,2-Dichloroethane	5.16	62	25218	1.835	ug/L	96
33) Benzene	5.13	78	8678	0.193	ug/L	100
34) Trichloroethene	5.94	95	4789	0.365	ug/L	92
35) Methylcyclohexane	6.10	83	15795	0.774	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7390	0.666	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1940	0.118	ug/L #	81
46) trans-1,3-Dichloropropene	7.65	75	1369	0.096	ug/L #	80
47) 1,1,2-Trichloroethane	7.86	97	5112	0.649	ug/L	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017169.D
Acq On : 26 Jun 2020 09:35
Operator : SY/MD
Sample : L3106-14DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6DL

Quant Time: Jun 26 13:00:55 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)
53) Chlorobenzene	8.90	112	4904	0.151	ug/L	96

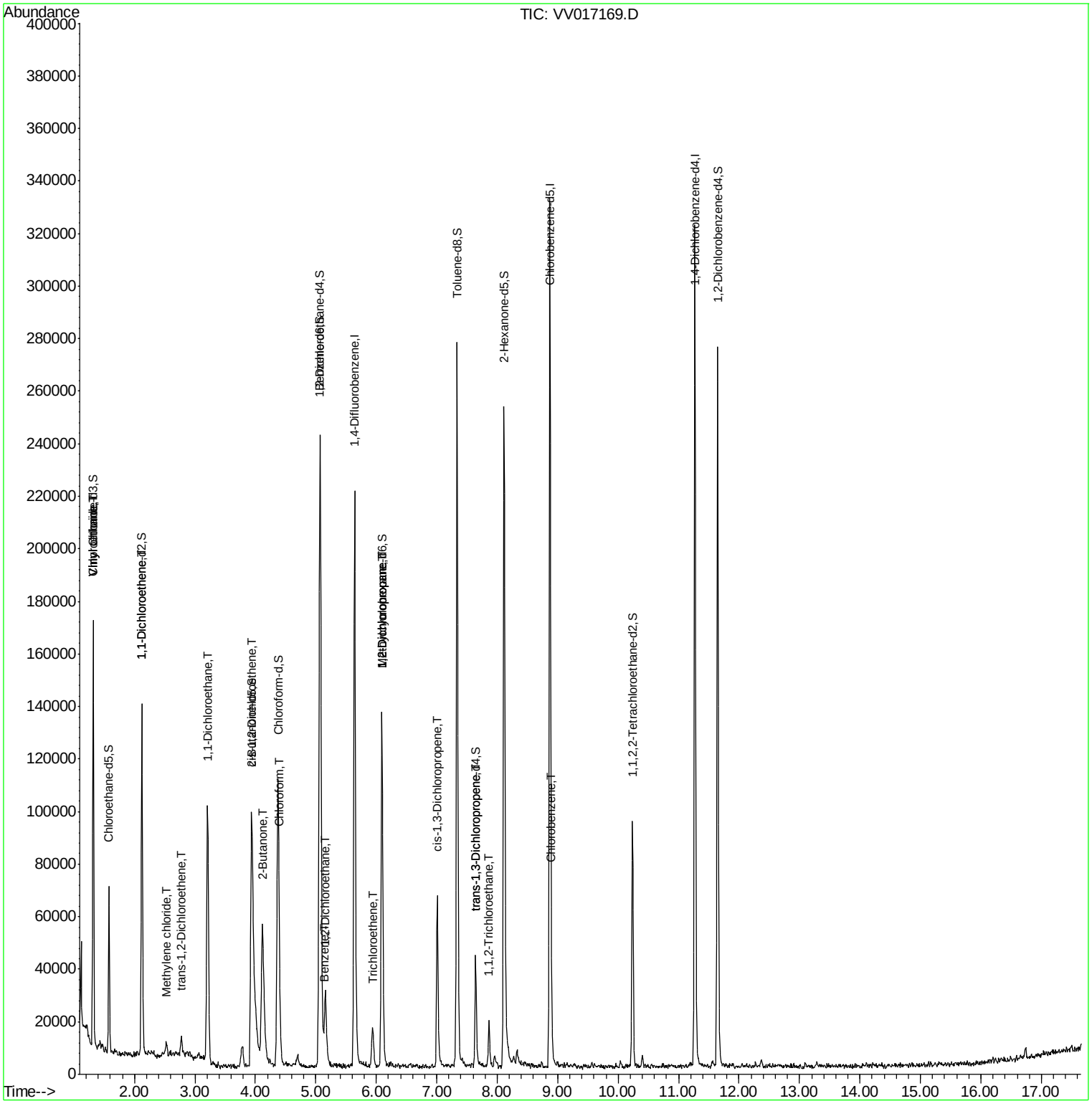
(#) = qualifier out of range (m) = manual integration (+) = signals summed

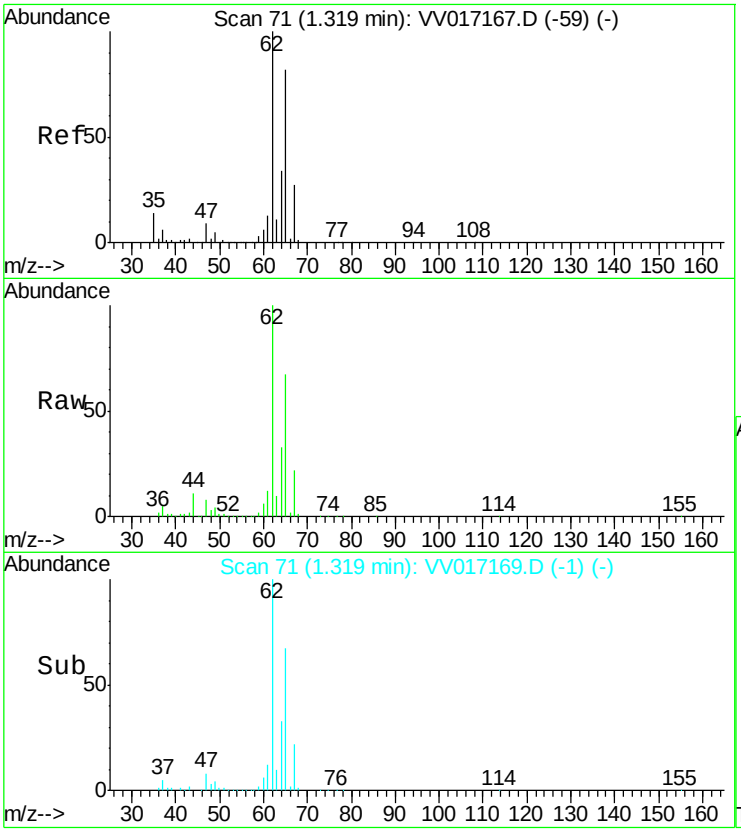
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017169.D
Acq On : 26 Jun 2020 09:35
Operator : SY/MD
Sample : L3106-14DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Quant Time: Jun 26 13:00:55 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



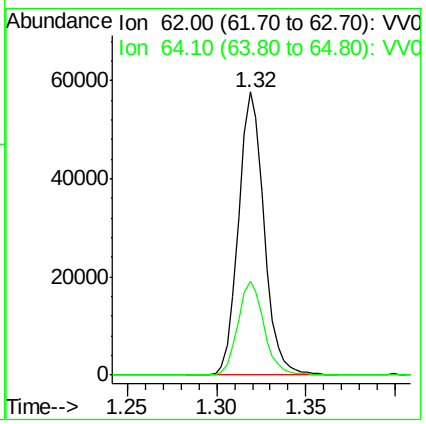


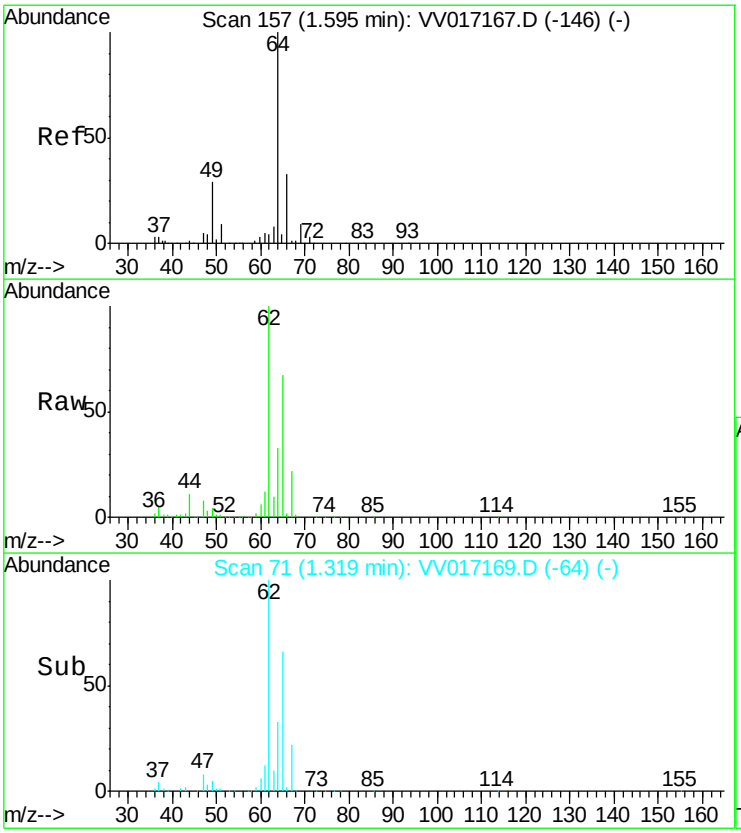
#5
Vinyl chloride
Concen: 4.962 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 62 Resp: 57703

Ion	Ratio	Lower	Upper
62	100		
64	33.2	22.5	41.7

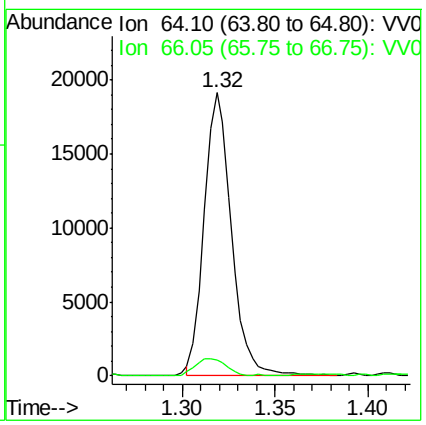


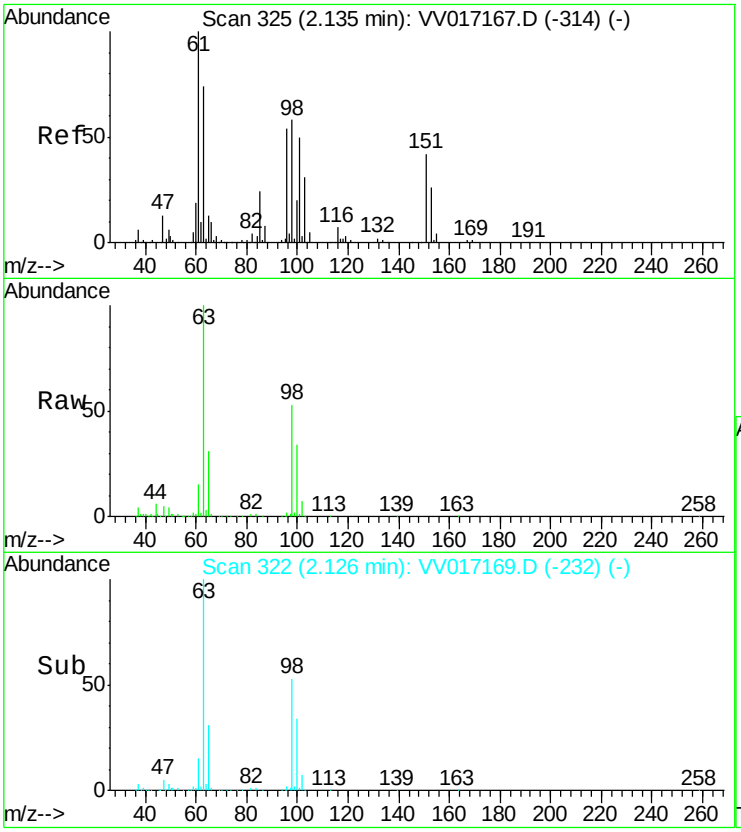


#8
Chloroethane
Concen: 3.037 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 64 Resp: 19517

Ion	Ratio	Lower	Upper
64	100		
66	5.7	22.8	42.4#



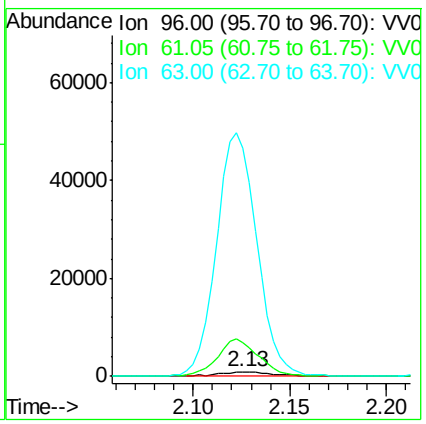


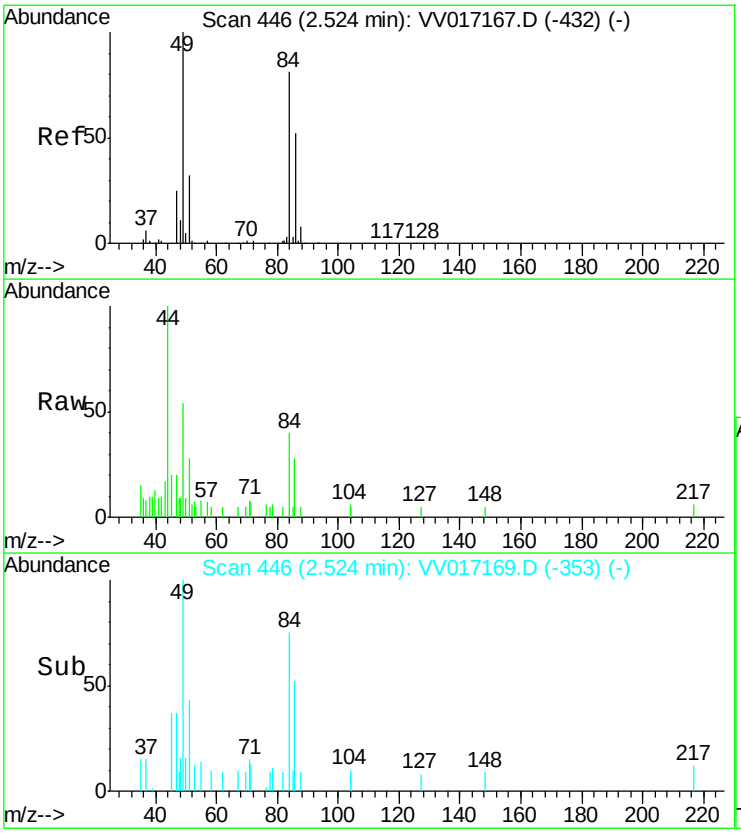
#12
1,1-Dichloroethene
Concen: 0.208 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 96 Resp: 1772

Ion	Ratio	Lower	Upper
96	100		
61	773.3	125.0	232.2#
63	5147.5	109.8	203.8#

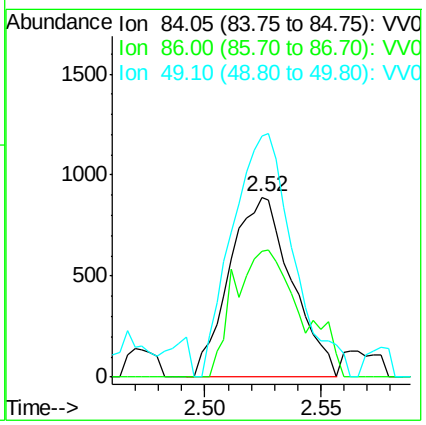


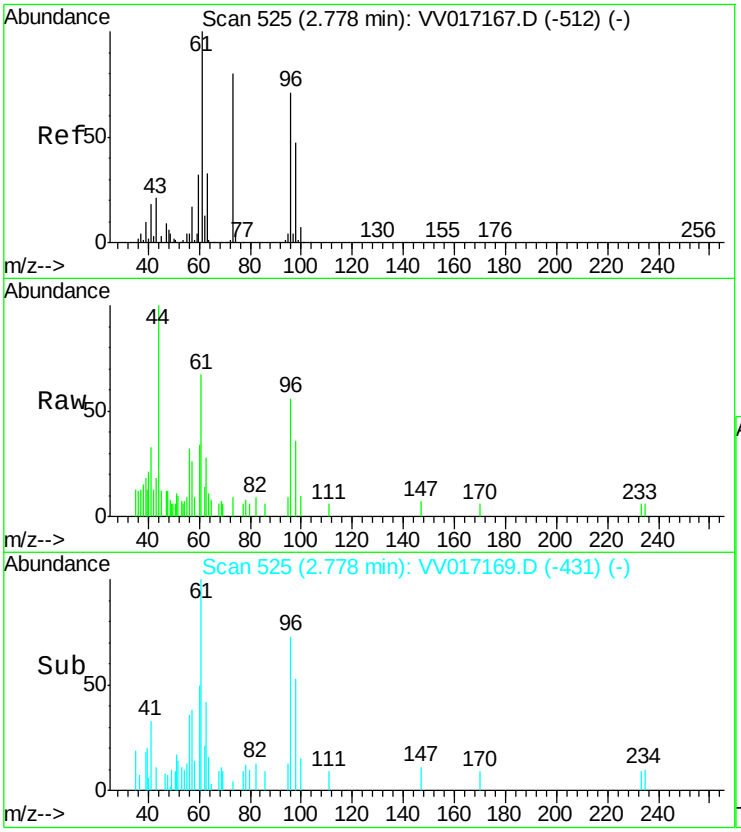


#16
Methylene chloride
Concen: 0.182 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 84 Resp: 1656

Ion	Ratio	Lower	Upper
84	100		
86	70.0	45.8	85.0
49	134.1	89.6	166.4



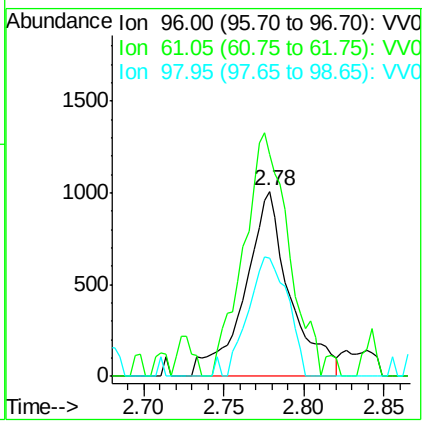


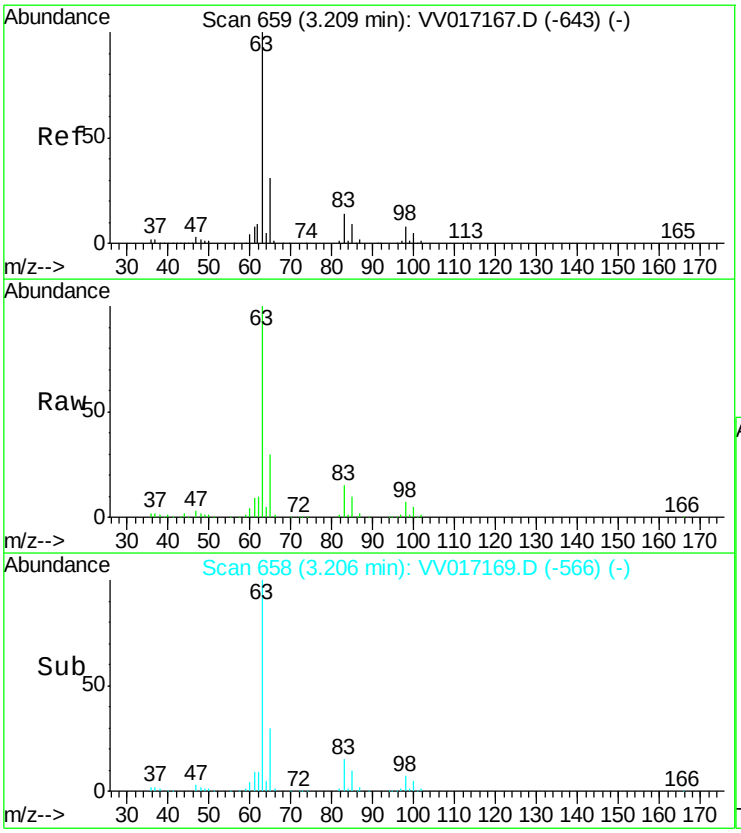
#18
trans-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 96 Resp: 1957

Ion	Ratio	Lower	Upper
96	100		
61	119.8	102.3	189.9
98	63.9	44.7	82.9

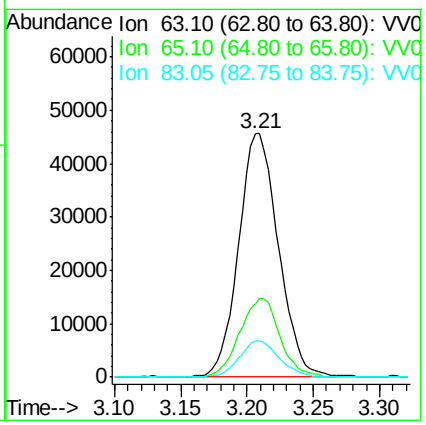


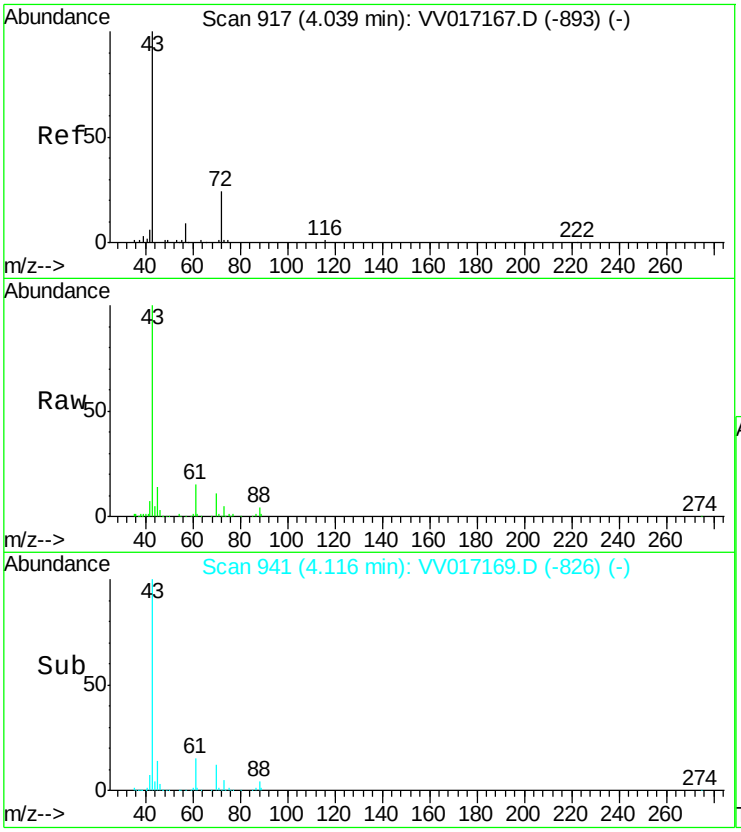


#19
1,1-Dichloroethane
Concen: 4.698 ug/L
RT: 3.21 min Scan# 658
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 63 Resp: 95127

Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.8	40.4
83	15.1	9.7	17.9



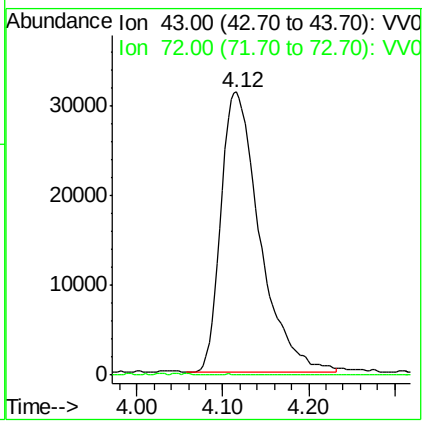


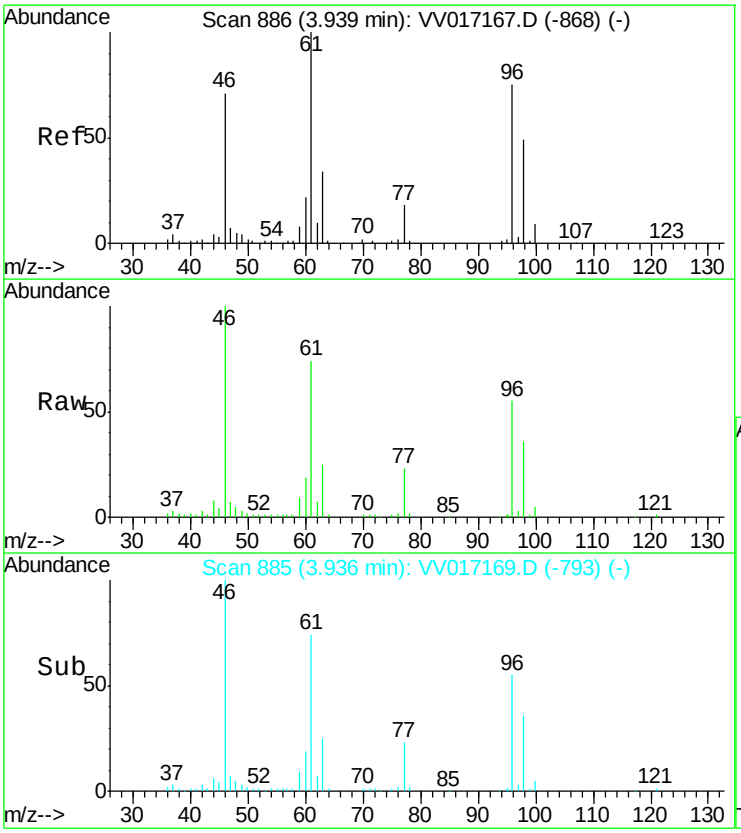
#21
2-Butanone
Concen: 38.024 ug/L
RT: 4.12 min Scan# 941
Delta R.T. 0.07 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument : MSVOA_V
ClientSampleId : BFXN6DL

Tgt Ion: 43 Resp: 98218

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.4	37.4#

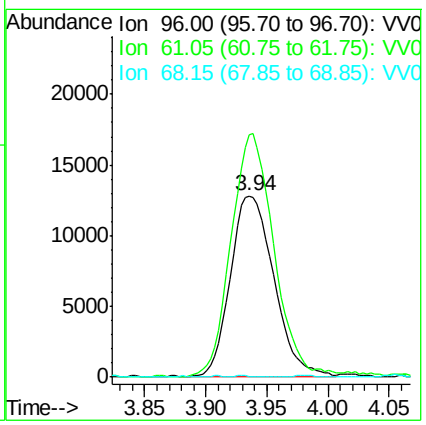


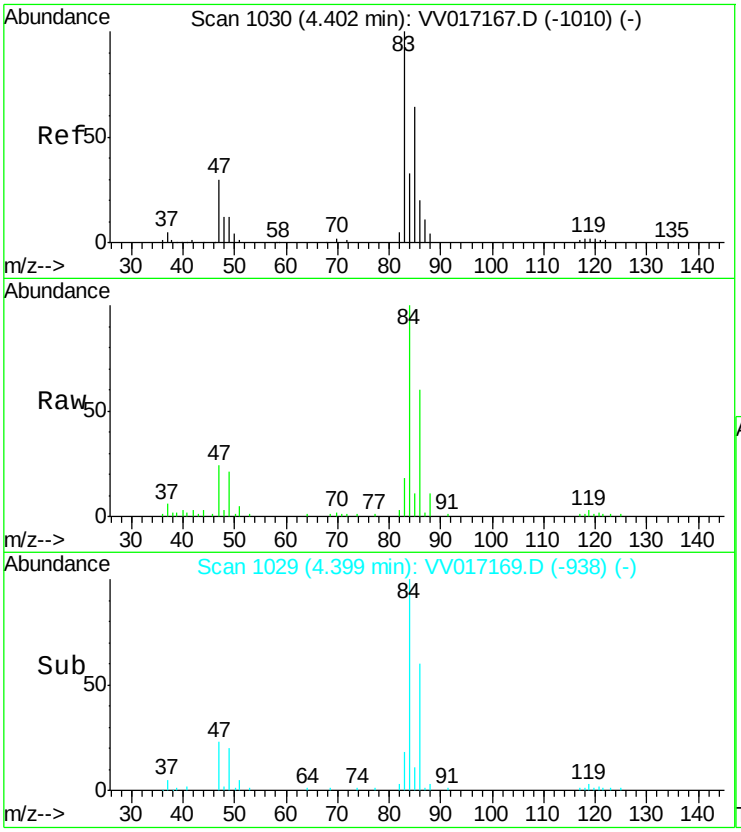


#22
cis-1,2-Dichloroethene
Concen: 2.583 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 96 Resp: 31839

Ion	Ratio	Lower	Upper
96	100		
61	133.8	91.0	169.0
68	0.0	0.0	0.0



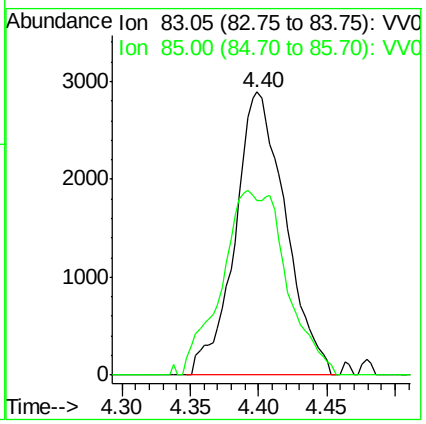


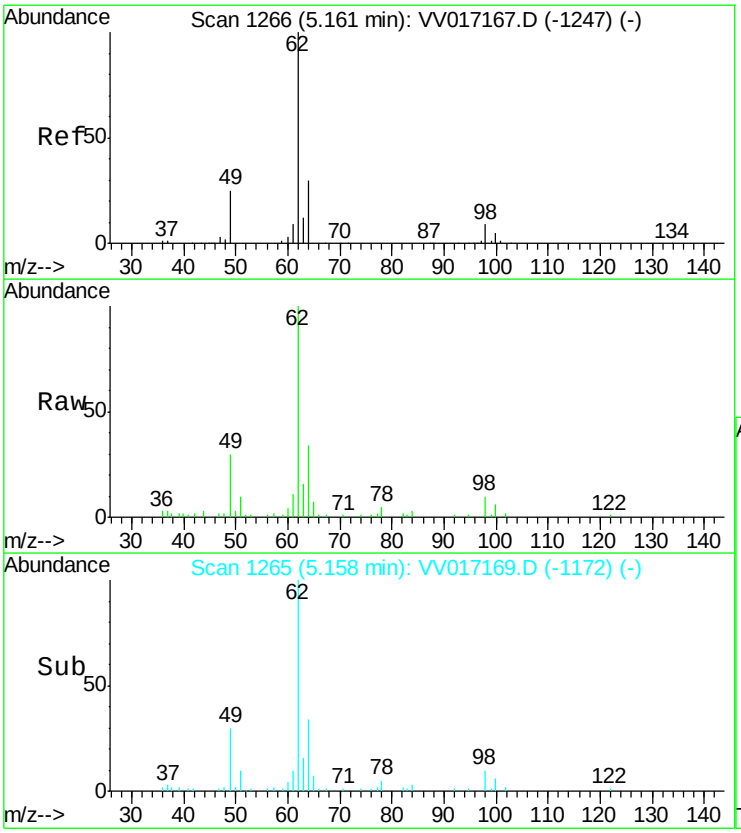
#25
Chloroform
Concen: 0.337 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument : MSVOA_V
ClientSampleId : BFXN6DL

Tgt Ion: 83 Resp: 7449

Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.2	82.2

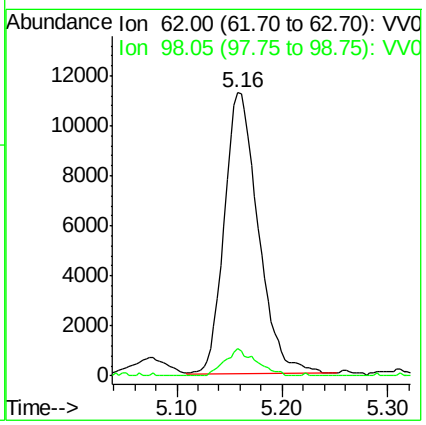


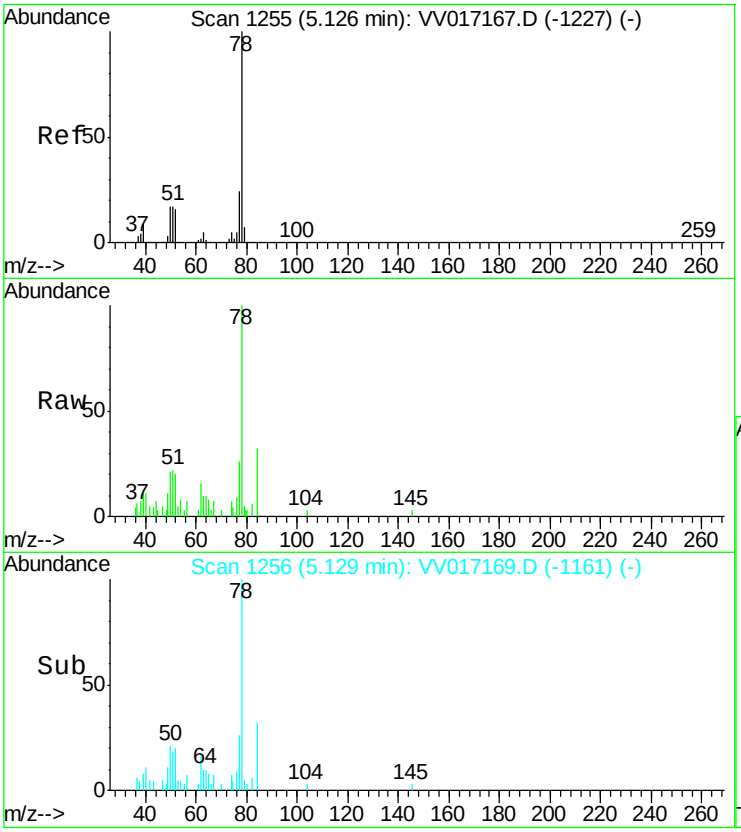


#27
1,2-Dichloroethane
Concen: 1.835 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 62 Resp: 25218

Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.7	10.1

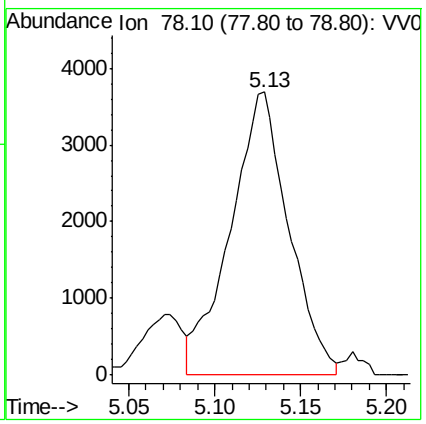


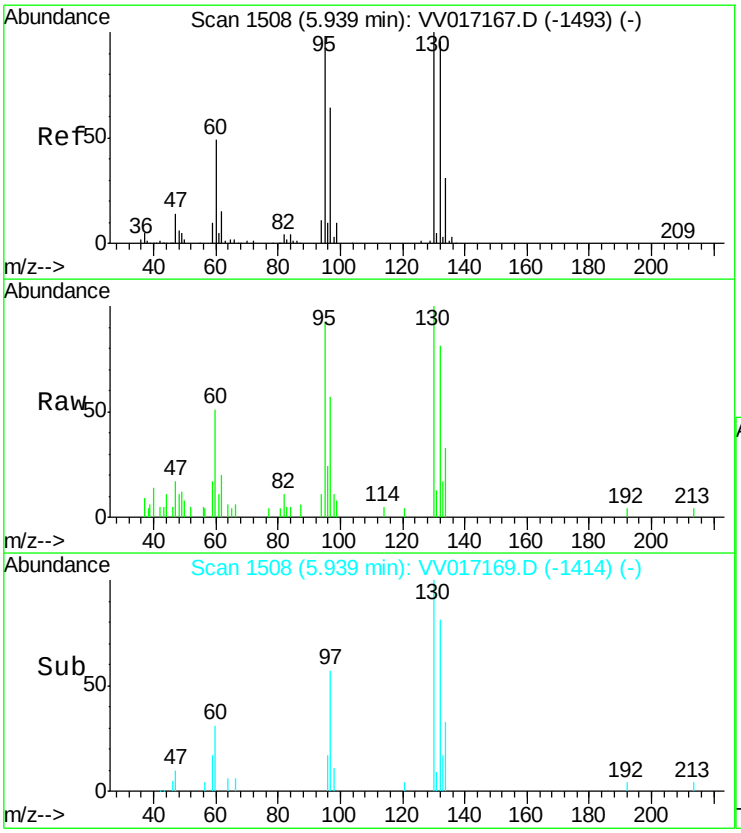


#33
Benzene
Concen: 0.193 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 78 Resp: 8678

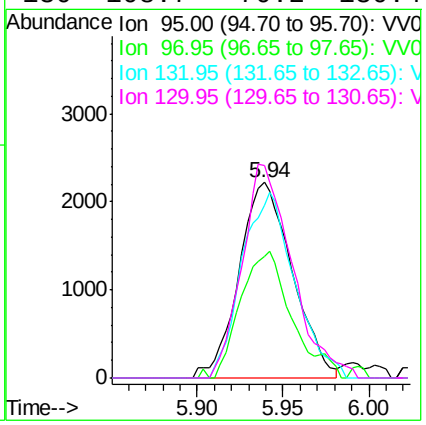


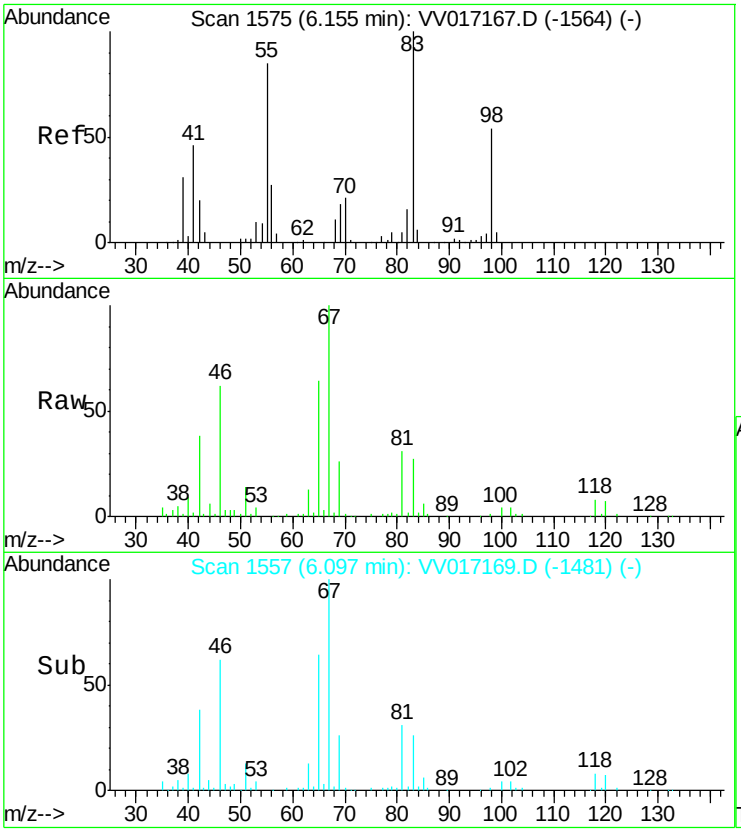


#34
Trichloroethene
Concen: 0.365 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 95 Resp: 4789

Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.3	84.1
132	88.3	68.8	127.8
130	108.7	70.2	130.4



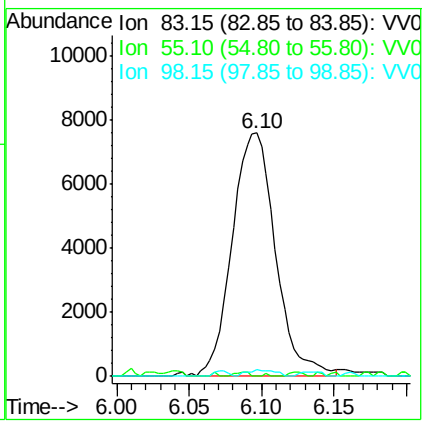


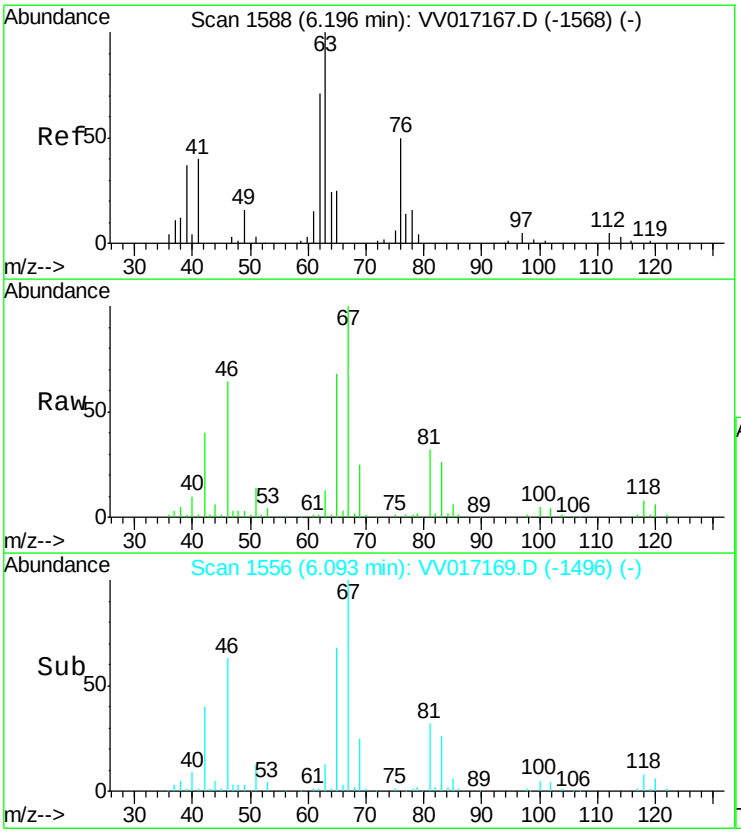
#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument : MSVOA_V
ClientSampleId : BFXN6DL

Tgt Ion: 83 Resp: 15795

Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.6	95.4#
98	1.7	38.8	58.2#

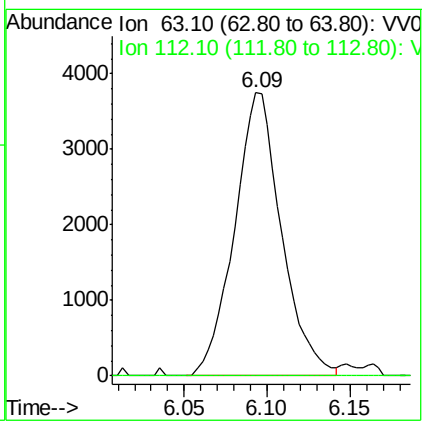


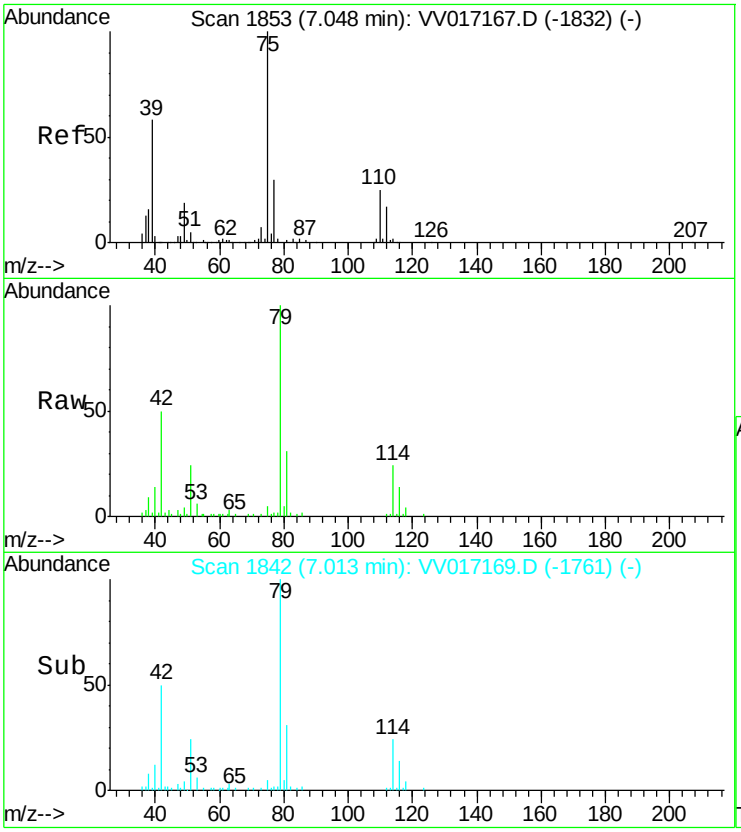


#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 63 Resp: 7390

Ion	Ratio	Lower	Upper
63	100		
112	1.1	4.4	6.6#



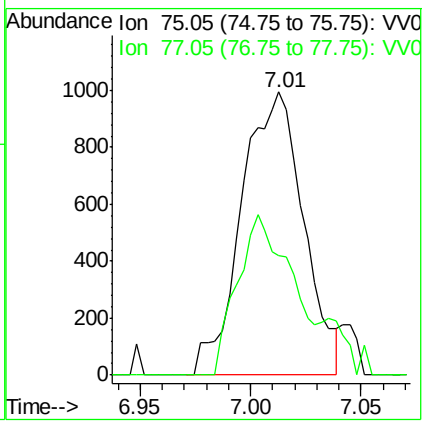


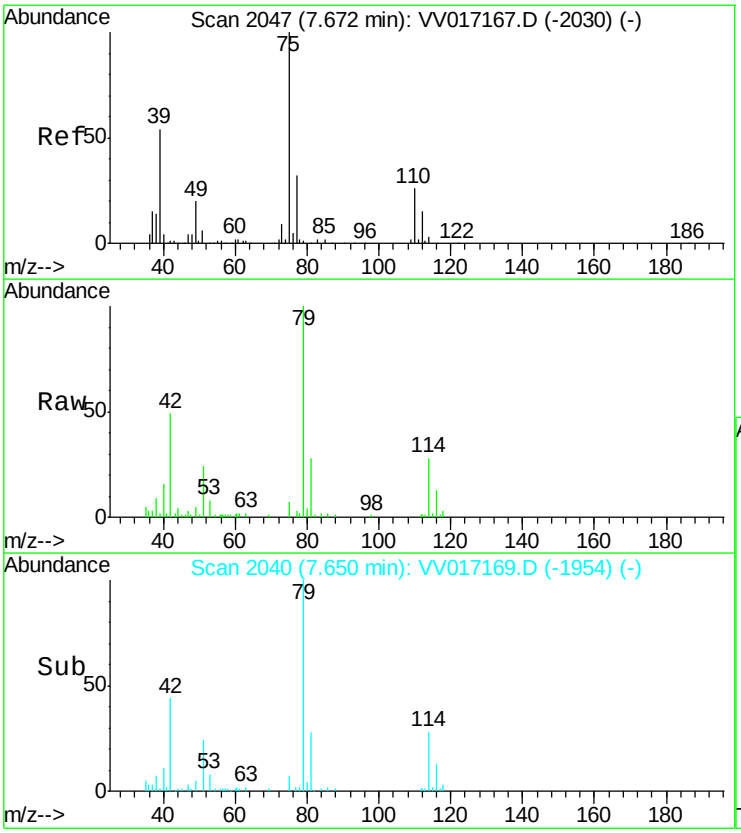
#39
cis-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 75 Resp: 1940

Ion	Ratio	Lower	Upper
75	100		
77	42.5	22.3	41.5#

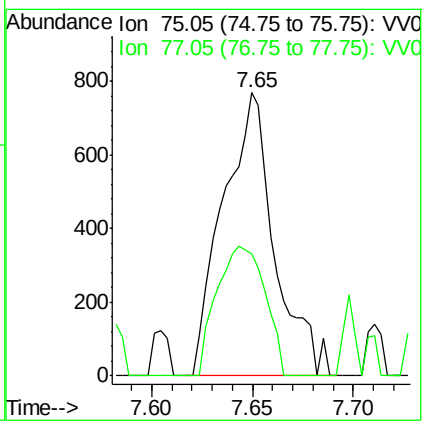


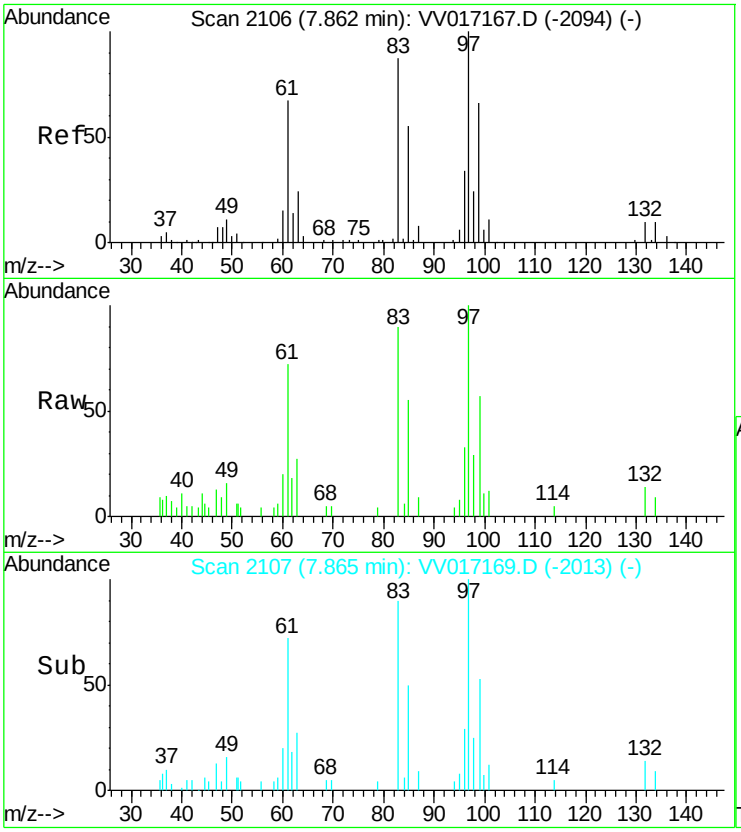


#46
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion: 75 Resp: 1369

Ion	Ratio	Lower	Upper
75	100		
77	43.1	22.3	41.3#



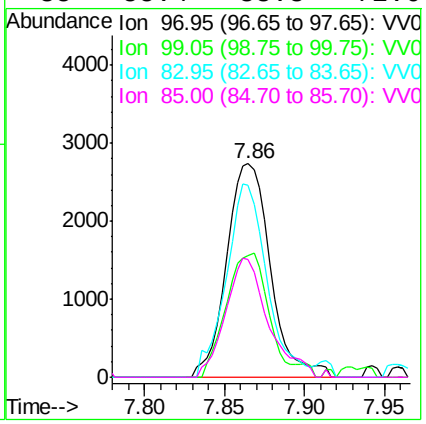


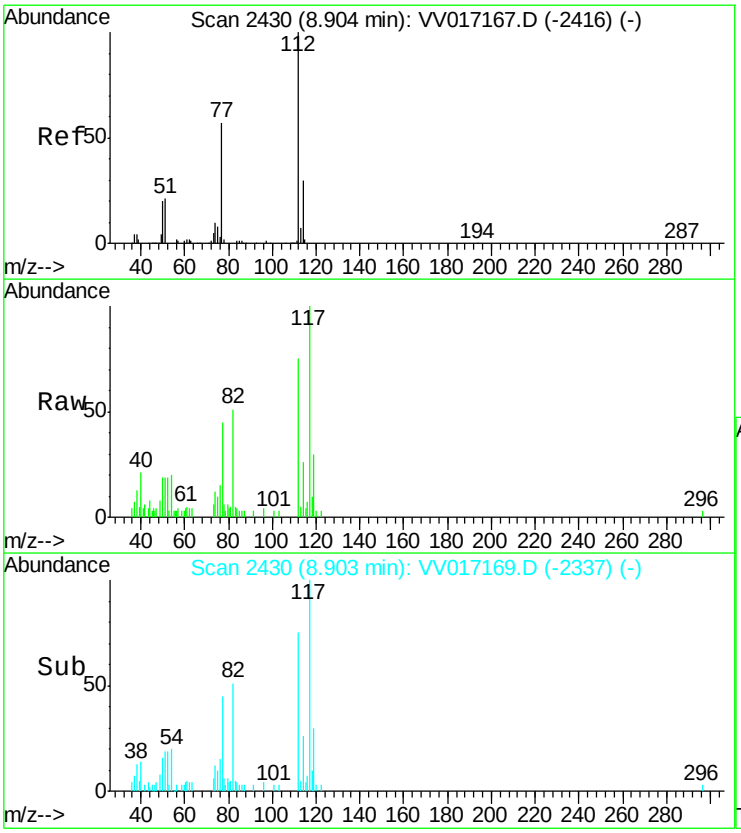
#47
1,1,2-Trichloroethane
Concen: 0.649 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6DL

Tgt Ion: 97 Resp: 5112

Ion	Ratio	Lower	Upper
97	100		
99	57.1	43.6	81.0
83	89.6	57.4	106.6
85	55.4	38.8	72.0





#53
Chlorobenzene
Concen: 0.151 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV017169.D
Acq: 26 Jun 2020 09:35

Tgt Ion:112 Resp: 4904

Ion	Ratio	Lower	Upper
112	100		
114	35.1	22.0	41.0
77	59.7	46.0	69.0