Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Time: Jun 26 05:13:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165763	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	163221	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73552	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	52055	5.23	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.60%				
7) Chloroethane-d5	1.58	69	40601	5.61	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.20%				
11) 1,1-Dichloroethene-d2	2.13	63	72755	3.84	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.80%				
20) 2-Butanone-d5	3.93	46	119412	47.09	ug/L		-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.18%				
24) Chloroform-d	4.38	84	104675	4.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%				
26) 1,2-Dichloroethane-d4	5.06	65	57753	5.12	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%				
32) Benzene-d6	5.07	84	196241	4.64	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%				
36) 1,2-Dichloropropane-d6	6.09	67	57154	4.51	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%				
41) Toluene-d8	7.34	98	169539	4.27	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%				
45) trans-1,3-Dichloropropene-	7.64	79	21598	4.09	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%				
48) 2-Hexanone-d5	8.11	63	83109	41.31	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.62%				
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38078	4.52	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%				
65) 1,2-Dichlorobenzene-d4	11.65	152	66781	4.91	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	257367	23.661	ug/L		99
8) Chloroethane	1.32	64	84202	14.007	ug/L	#	45
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	925	0.105	ug/L	#	22
12) 1,1-Dichloroethene	2.14	96	3796	0.477	ug/L	#	1
13) Acetone	2.21	43	7766	6.059	ug/L		69
15) Methyl Acetate	2.47	43	898	0.287	ug/L	#	51
16) Methylene chloride	2.53	84	1175	0.138	ug/L		89
18) trans-1,2-Dichloroethene	2.78	96	6583	0.781	ug/L		100
19) 1,1-Dichloroethane	3.21	63	417410	22.036	ug/L		98
21) 2-Butanone	4.10	43	455383	188.474	ug/L	#	50
22) cis-1,2-Dichloroethene	3.94	96	139250	12.079	ug/L		99
25) Chloroform	4.40	83	31089	1.503	ug/L		98
27) 1,2-Dichloroethane	5.16	62	106701	8.301	ug/L		99
29) 1,1,1-Trichloroethane	4.63	97	3000	0.153	ug/L	#	86
30) Cyclohexane	4.70	56	6229	0.335	ug/L	#	90
33) Benzene	5.13	78	35209	0.824	ug/L		100
34) Trichloroethene	5.94	95	19753	1.578	ug/L		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN6

Quant Time: Jun 26 05:13:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Methylcyclohexane	6.09	83	14779	0.760	ug/L	#	18
37) 1,2-Dichloropropane	6.09	63	7676	0.725	ug/L	#	85
46) trans-1,3-Dichloropropene	7.64	75	1273	0.094	ug/L	#	77
47) 1,1,2-Trichloroethane	7.86	97	21013	2.800	ug/L		96
50) 2-Hexanone	8.11	43	11846	2.725	ug/L	#	69
53) Chlorobenzene	8.90	112	21326	0.688	ug/L		95
64) 1,4-Dichlorobenzene	11.30	146	2656	0.118	ug/L	#	84
66) 1,2-Dichlorobenzene	11.67	146	1836	0.091	ug/L		93

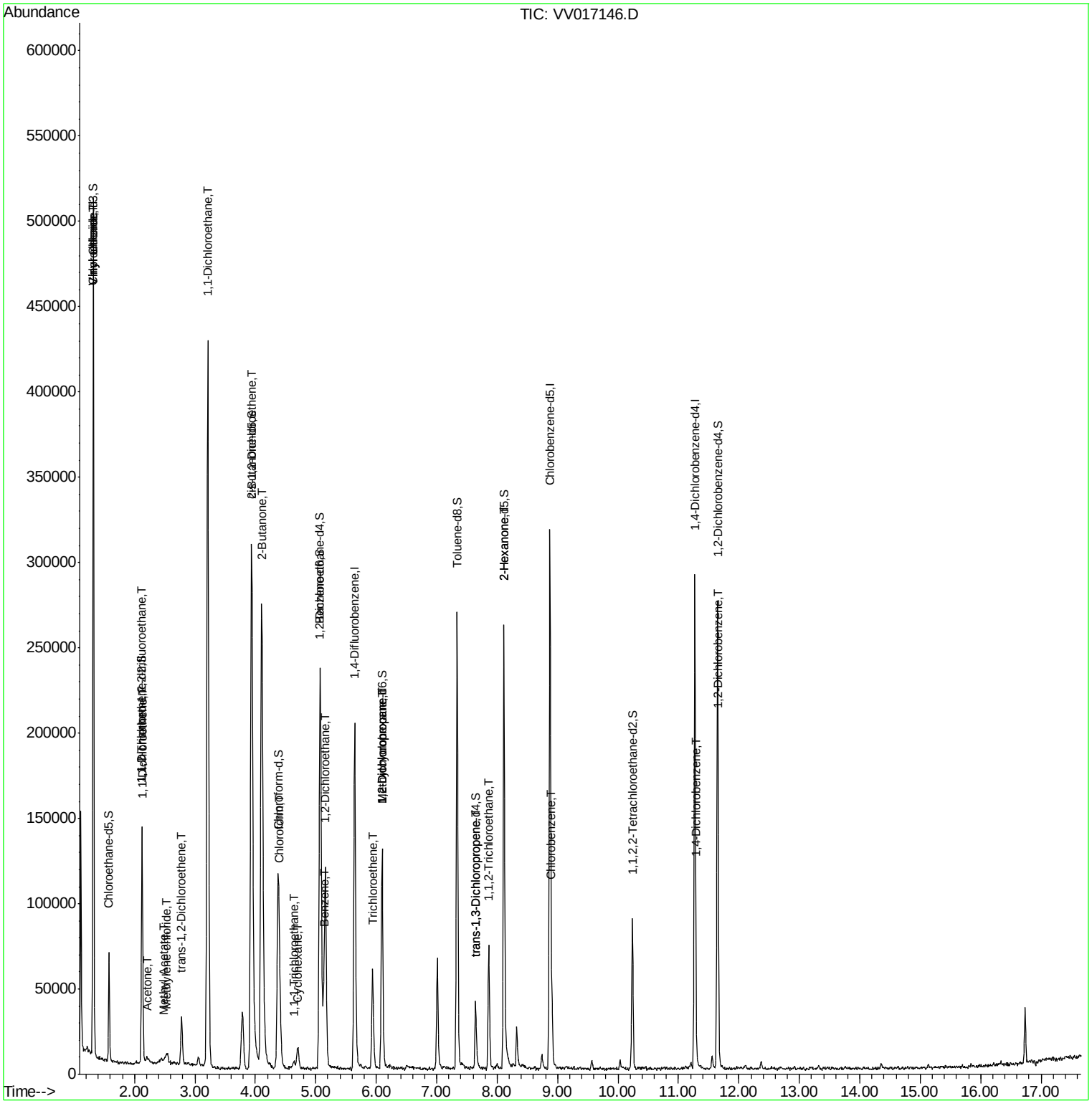
(#) = qualifier out of range (m) = manual integration (+) = signals summed

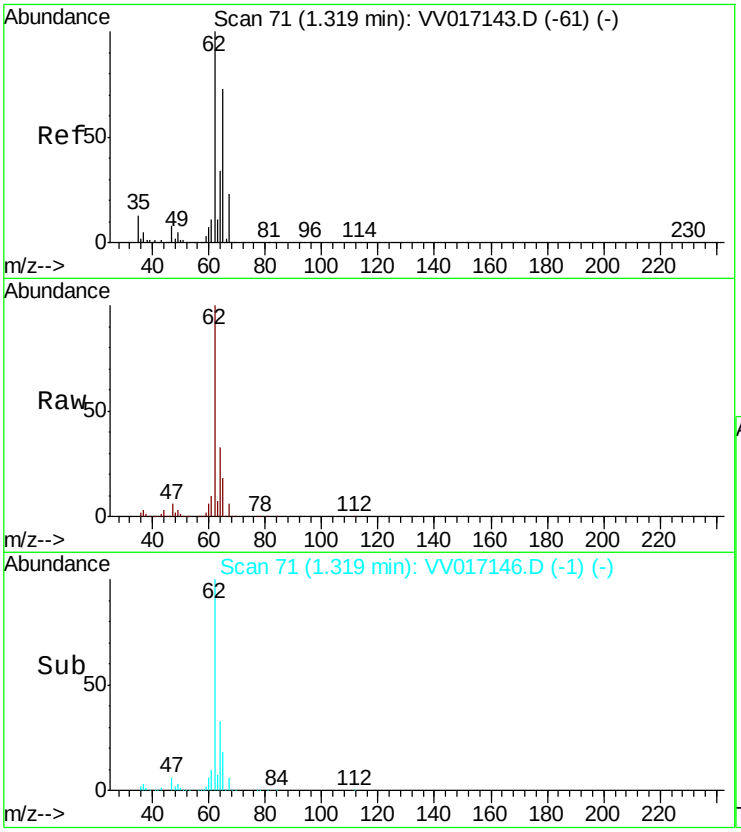
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017146.D
Acq On : 25 Jun 2020 23:35
Operator : SY/MD
Sample : L3106-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Quant Time: Jun 26 05:13:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration



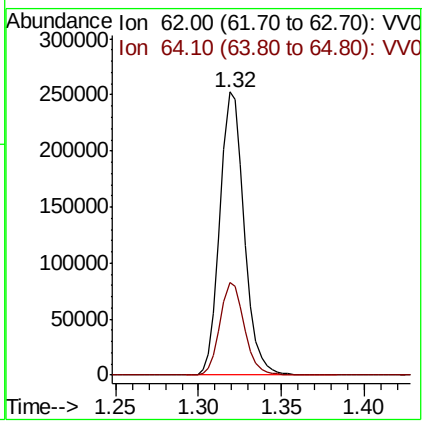


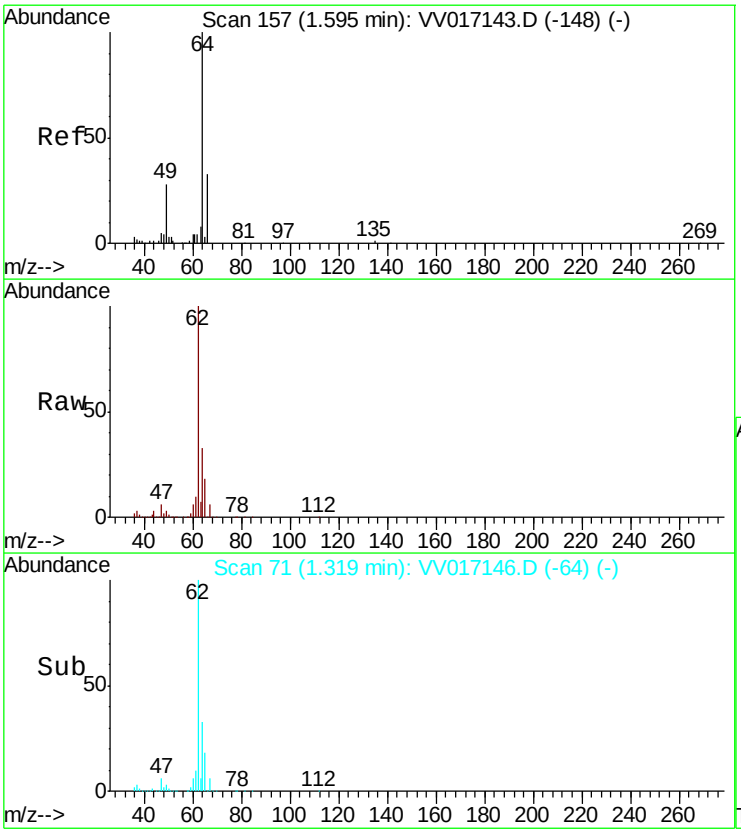
#5
Vinyl chloride
Concen: 23.661 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument : MSVOA_V
ClientSampleId : BFXN6

Tgt Ion: 62 Resp: 257367

Ion	Ratio	Lower	Upper
62	100		
64	32.5	22.5	41.7

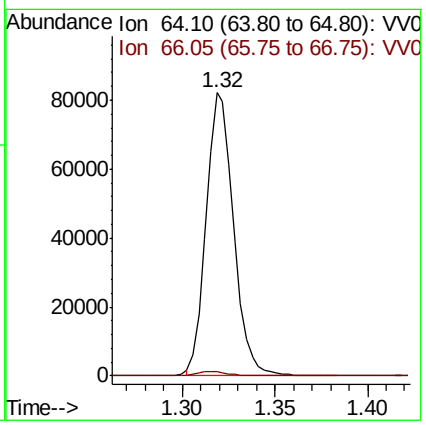


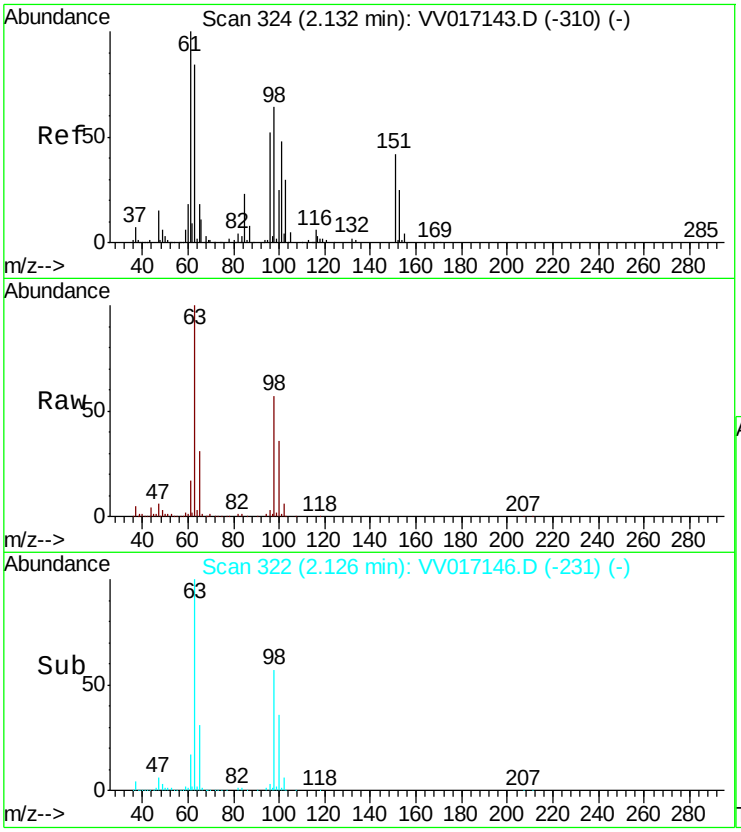


#8
Chloroethane
Concen: 14.007 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 64 Resp: 84202

Ion	Ratio	Lower	Upper
64	100		
66	1.5	22.8	42.4#



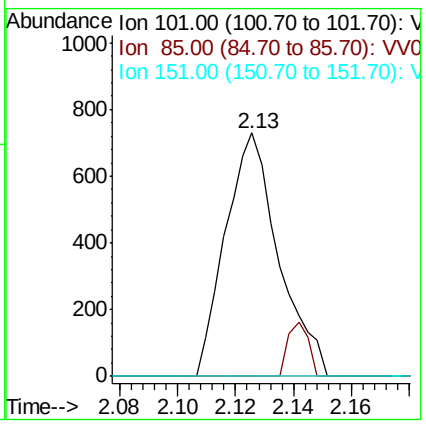


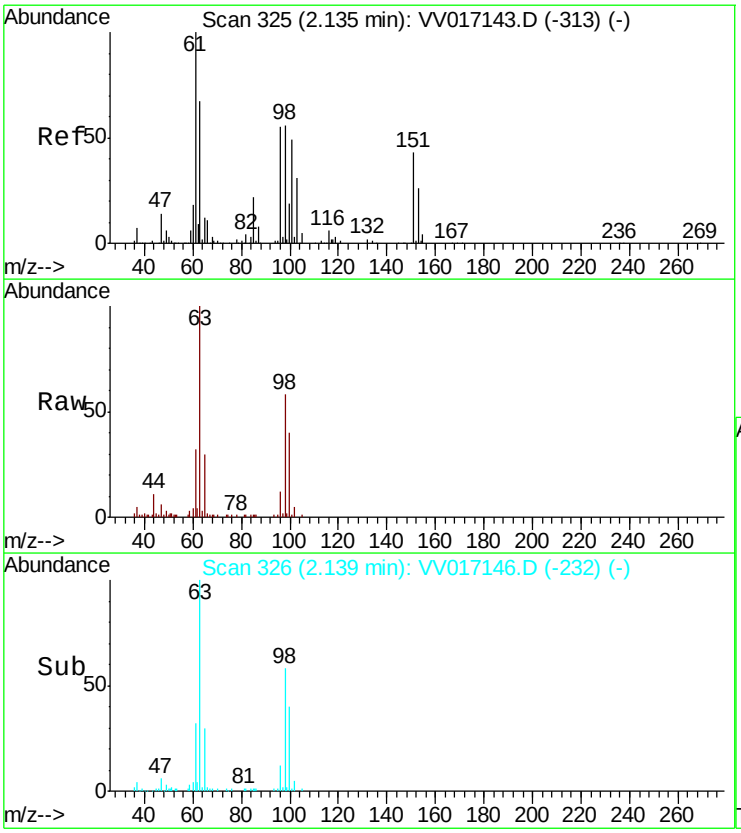
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion:101 Resp: 925

Ion	Ratio	Lower	Upper
101	100		
85	8.4	35.4	53.2#
151	0.0	63.9	95.9#

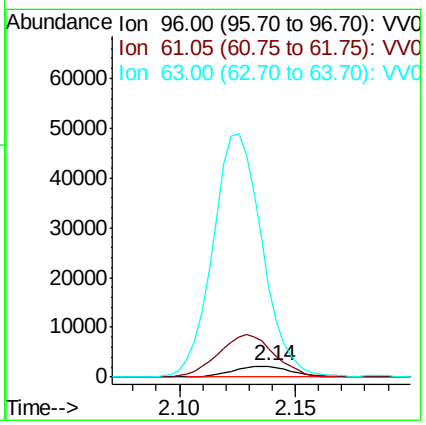


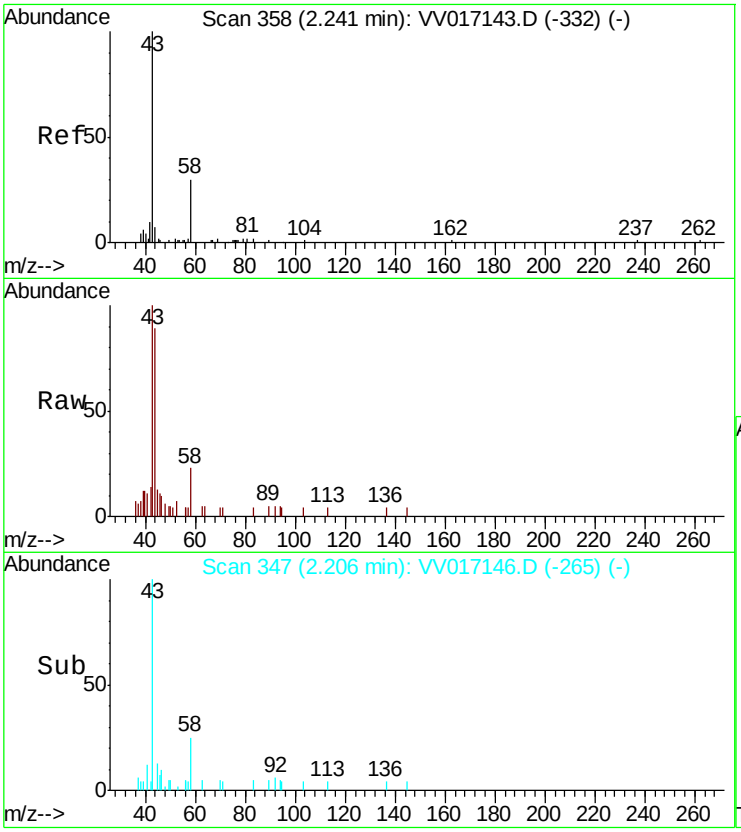


#12
1,1-Dichloroethene
Concen: 0.477 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 96 Resp: 3796

Ion	Ratio	Lower	Upper
96	100		
61	265.4	125.0	232.2#
63	839.0	109.8	203.8#



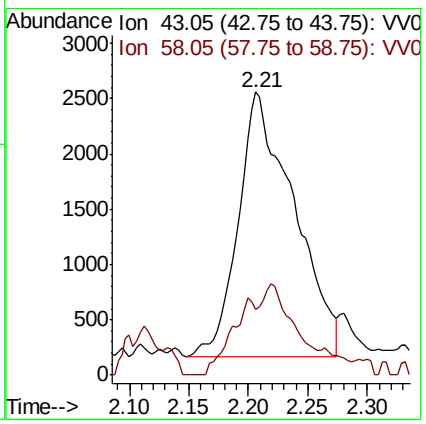


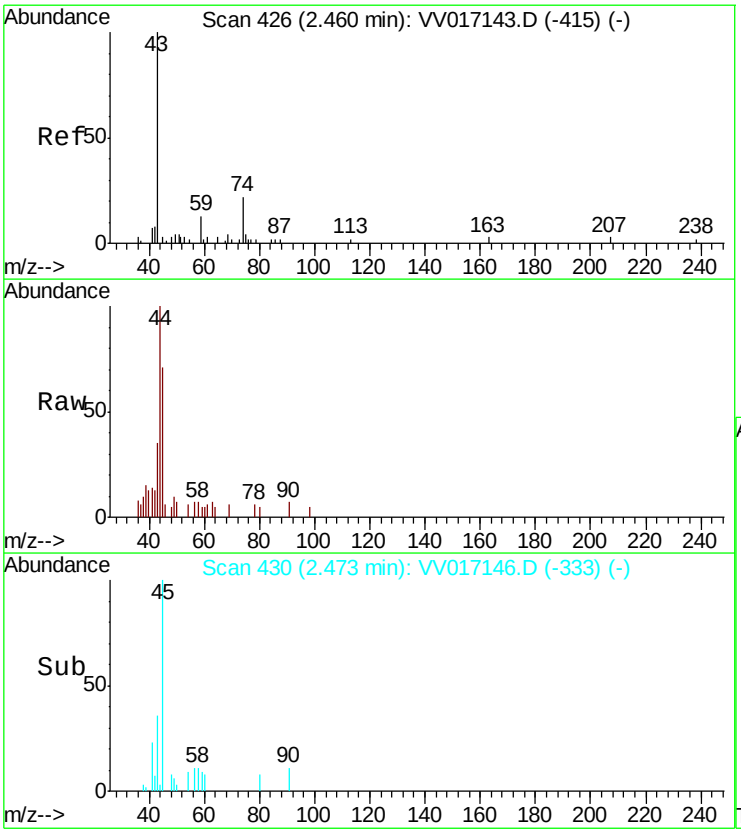
#13
Acetone
Concen: 6.059 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.04 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 43 Resp: 7766

Ion	Ratio	Lower	Upper
43	100		
58	12.6	0.0	58.4

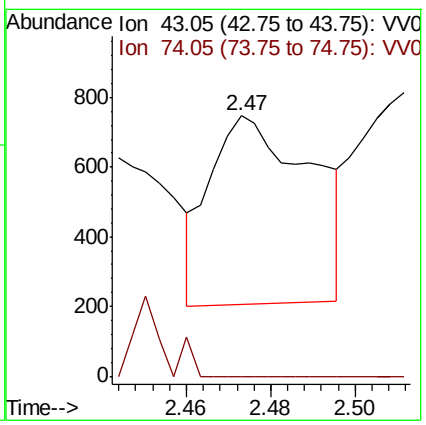


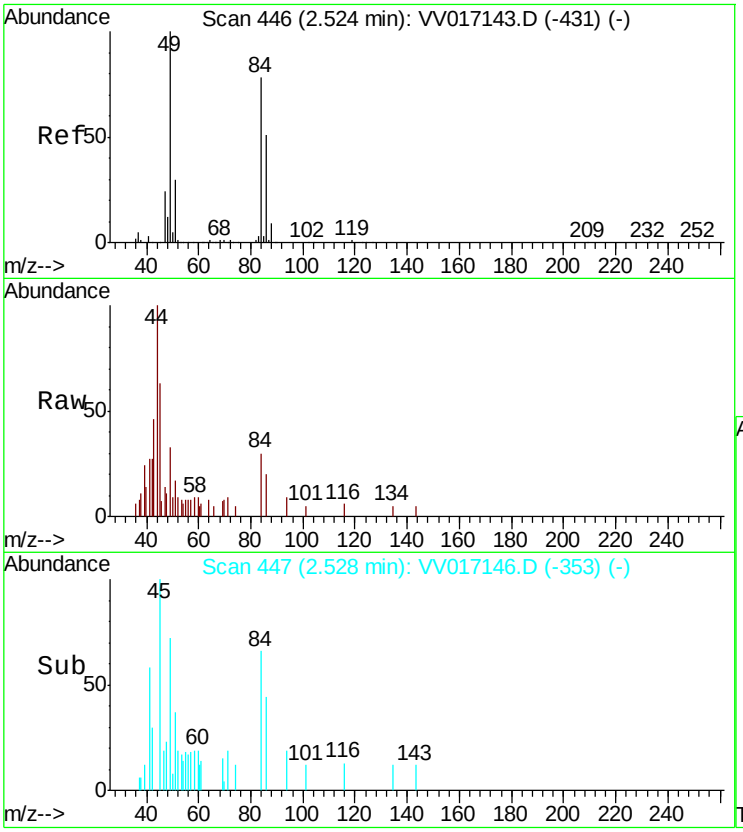


#15
Methyl Acetate
Concen: 0.287 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.1	28.7#



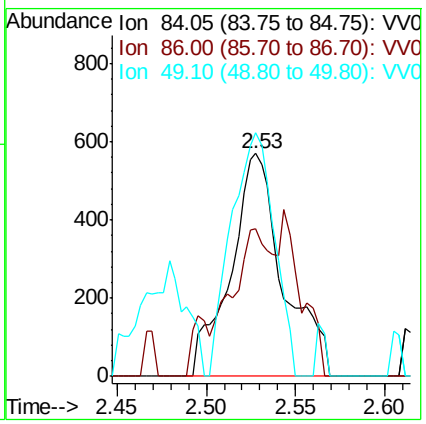


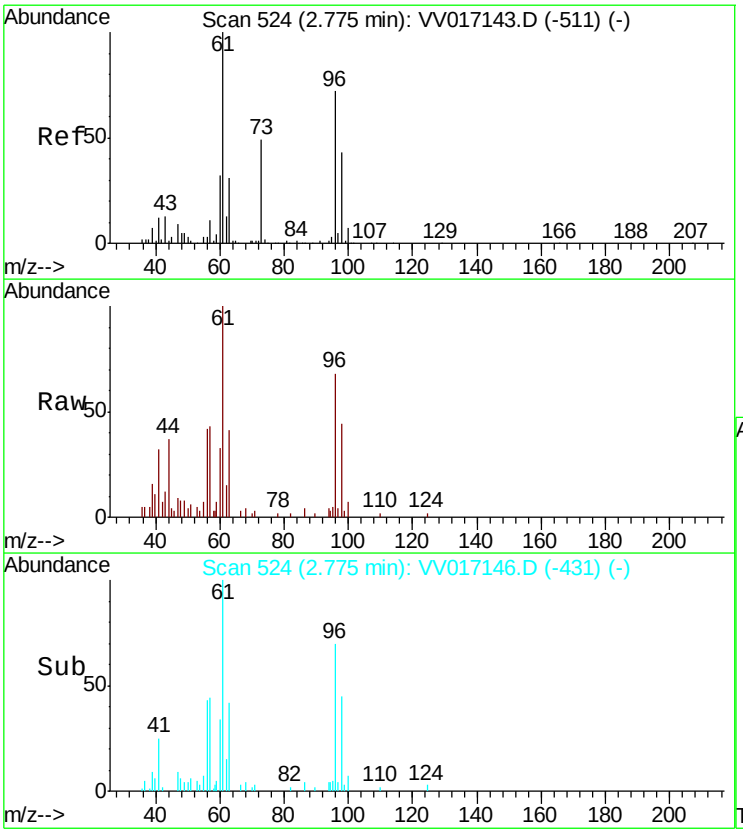
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument : MSVOA_V
ClientSampleId : BFXN6

Tgt Ion: 84 Resp: 1175

Ion	Ratio	Lower	Upper
84	100		
86	66.0	45.8	85.0
49	109.3	89.6	166.4

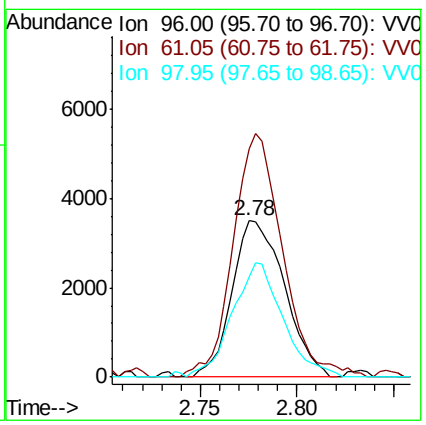


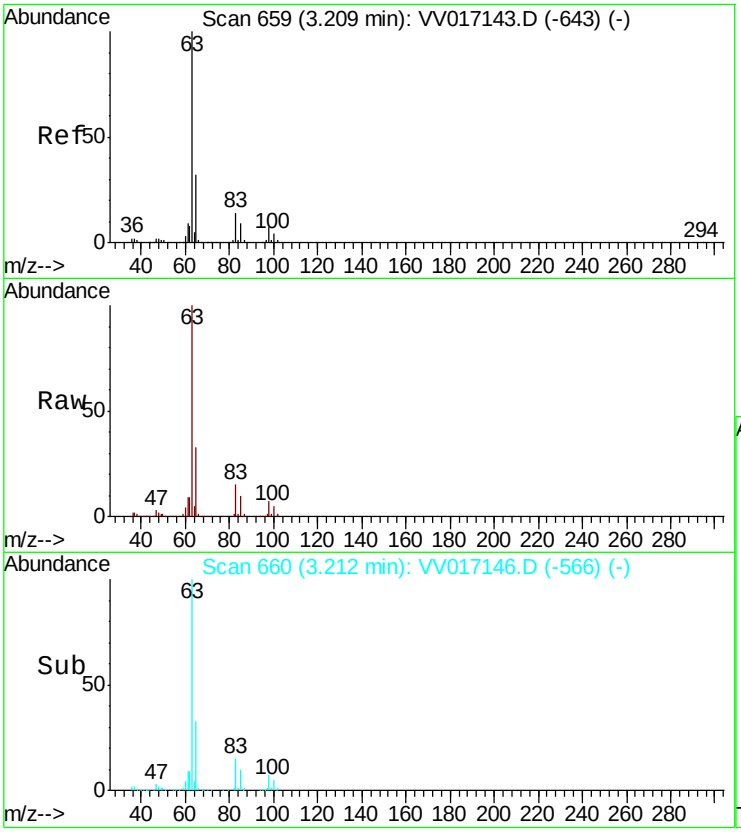


#18
trans-1,2-Dichloroethene
Concen: 0.781 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 96 Resp: 6583

Ion	Ratio	Lower	Upper
96	100		
61	146.2	102.3	189.9
98	64.5	44.7	82.9



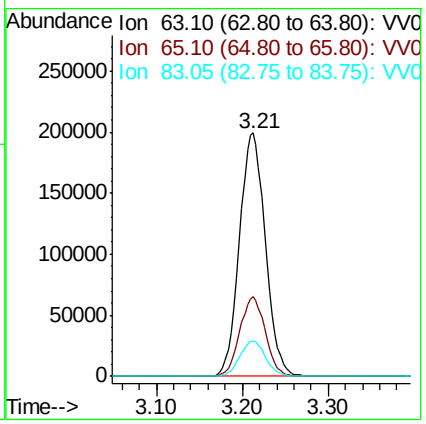


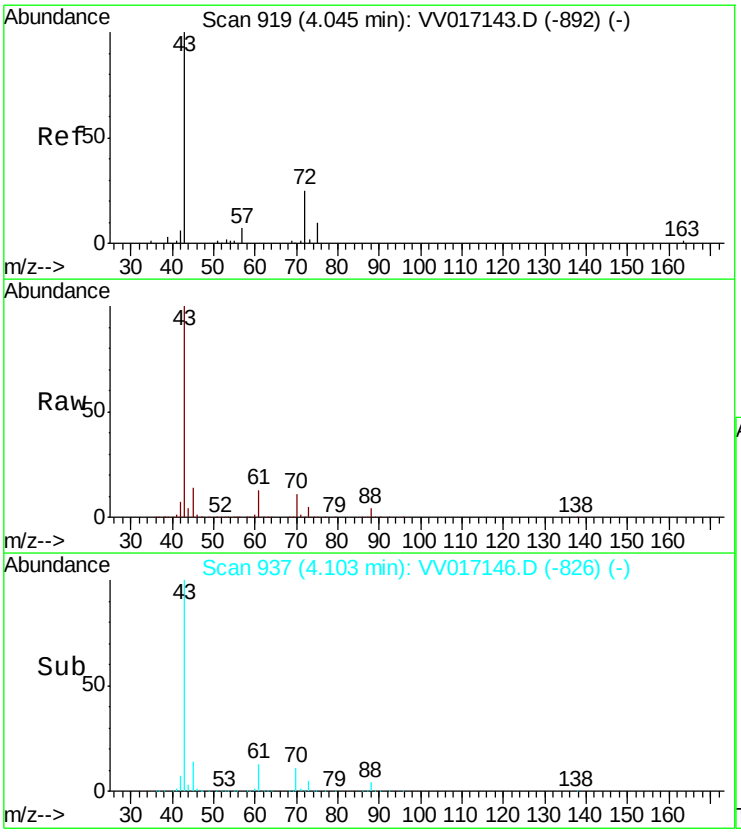
#19
1,1-Dichloroethane
Concen: 22.036 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 63 Resp: 417410

Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.8	40.4
83	14.6	9.7	17.9

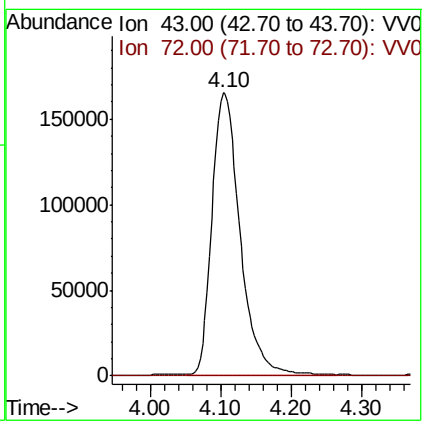


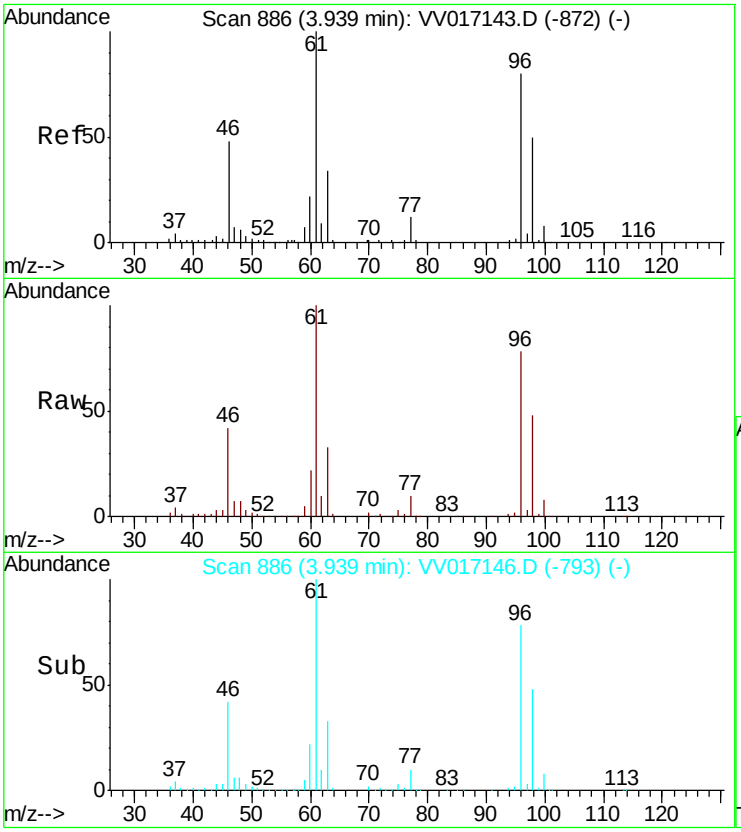


#21
2-Butanone
Concen: 188.474 ug/L
RT: 4.10 min Scan# 937
Delta R.T. 0.06 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 43 Resp: 455383

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.4	37.4#



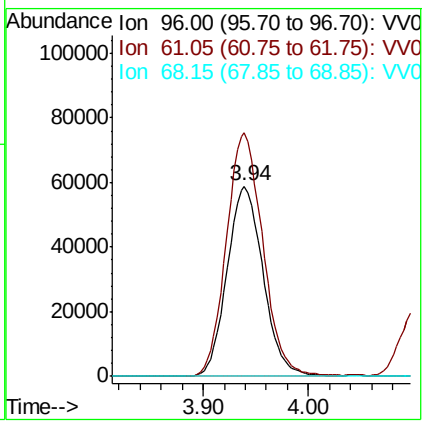


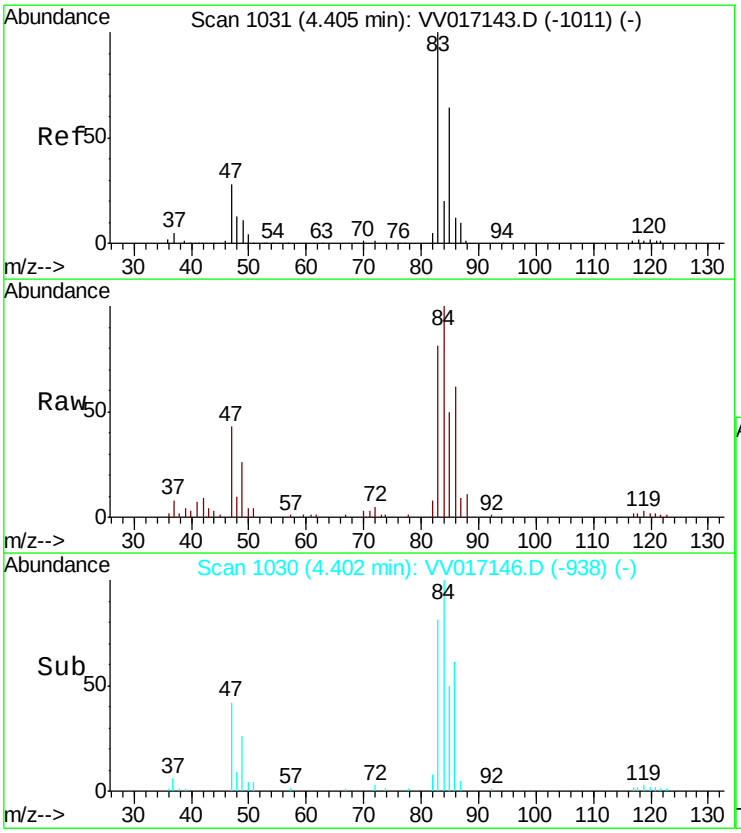
#22
cis-1,2-Dichloroethene
Concen: 12.079 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 96 Resp: 139250

Ion	Ratio	Lower	Upper
96	100		
61	128.3	91.0	169.0
68	0.0	0.0	0.0

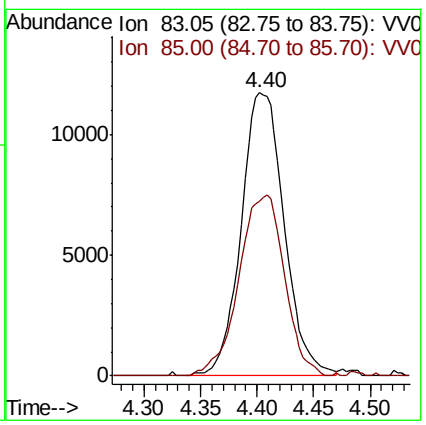


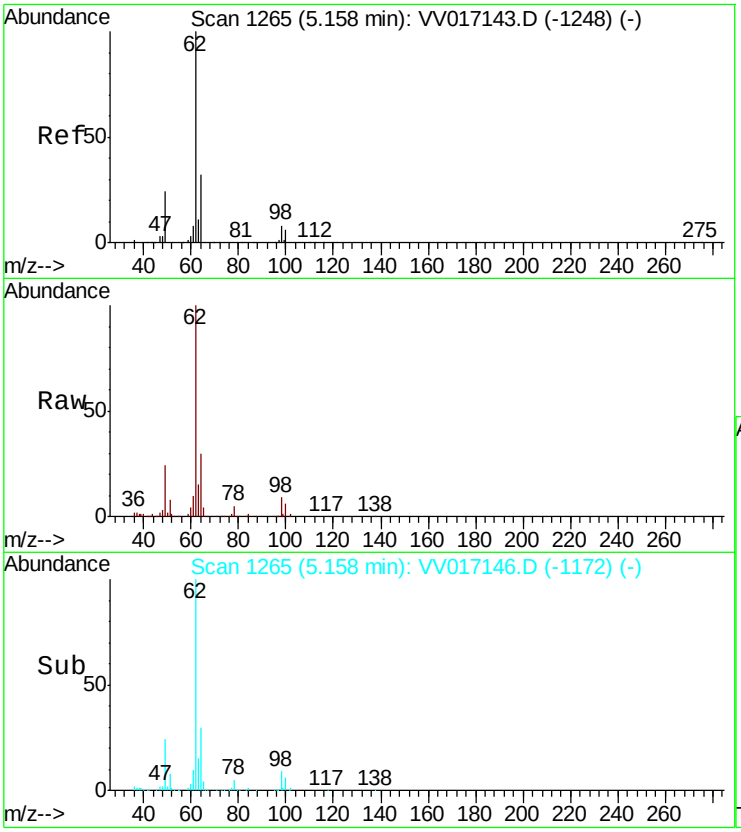


#25
Chloroform
Concen: 1.503 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 83 Resp: 31089

Ion	Ratio	Lower	Upper
83	100		
85	61.6	44.2	82.2



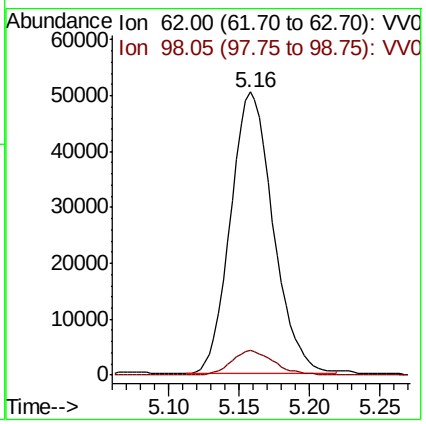


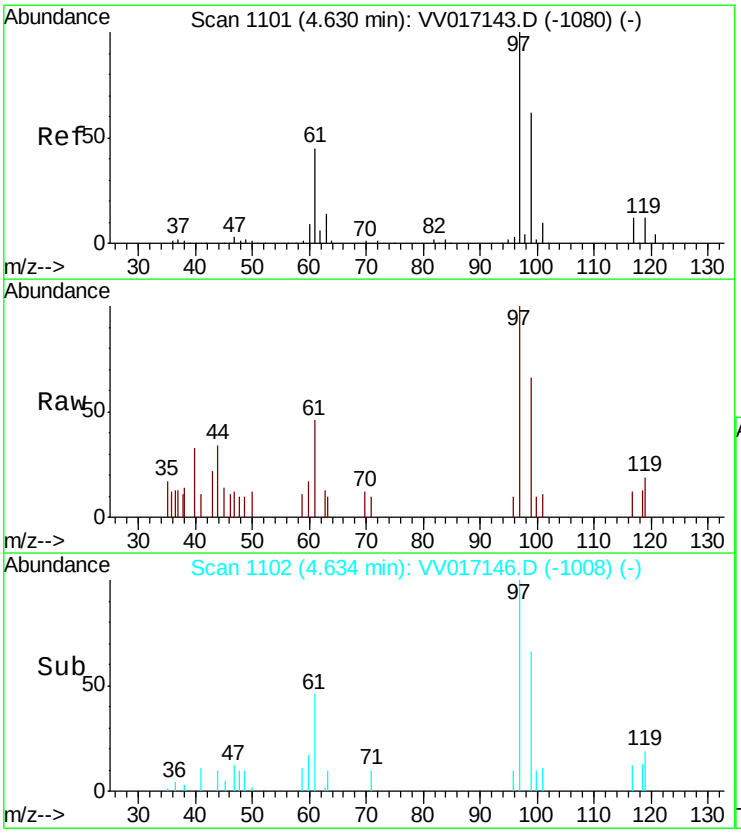
#27
1,2-Dichloroethane
Concen: 8.301 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 62 Resp: 106701

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.7	10.1

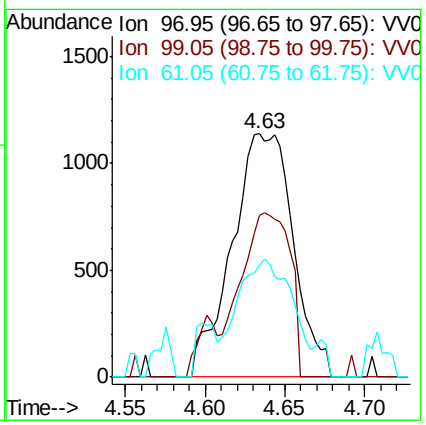


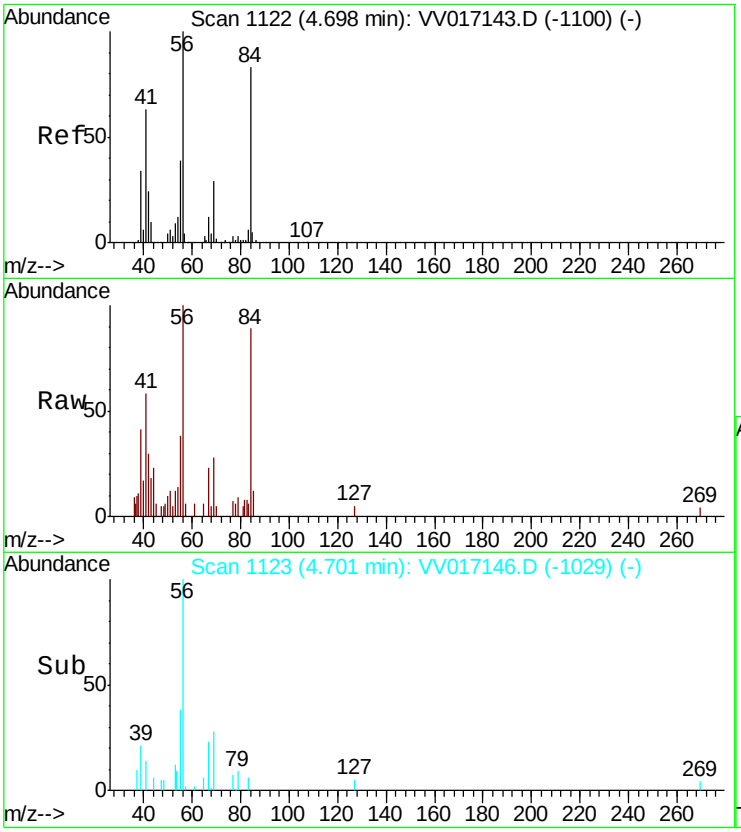


#29
1,1,1-Trichloroethane
Concen: 0.153 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 97 Resp: 3000

Ion	Ratio	Lower	Upper
97	100		
99	54.4	50.3	75.5
61	32.5	36.0	54.0#



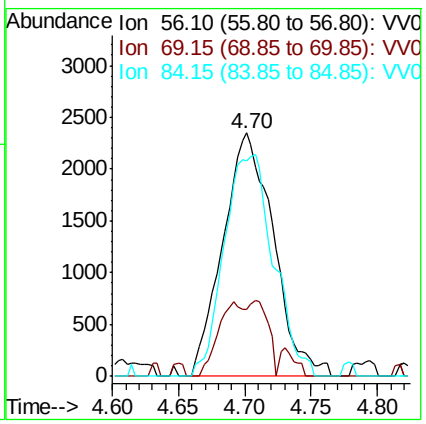


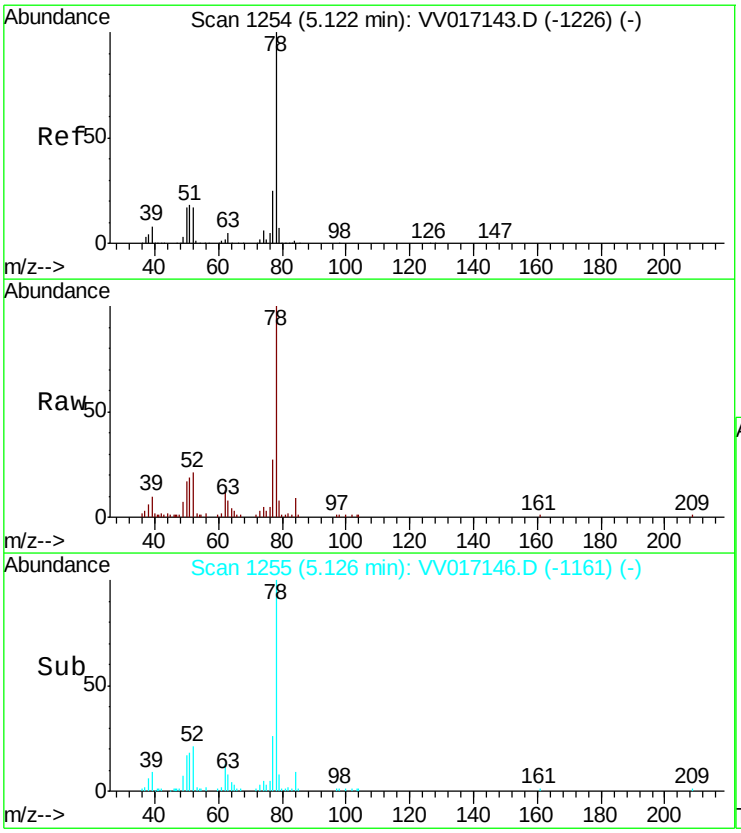
#30
Cyclohexane
Concen: 0.335 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 56 Resp: 6229

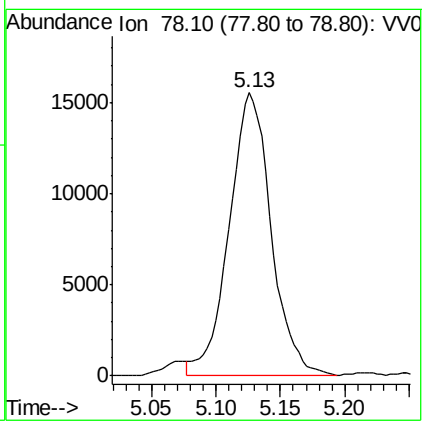
Ion	Ratio	Lower	Upper
56	100		
69	11.4	24.4	36.6#
84	88.8	69.9	104.9

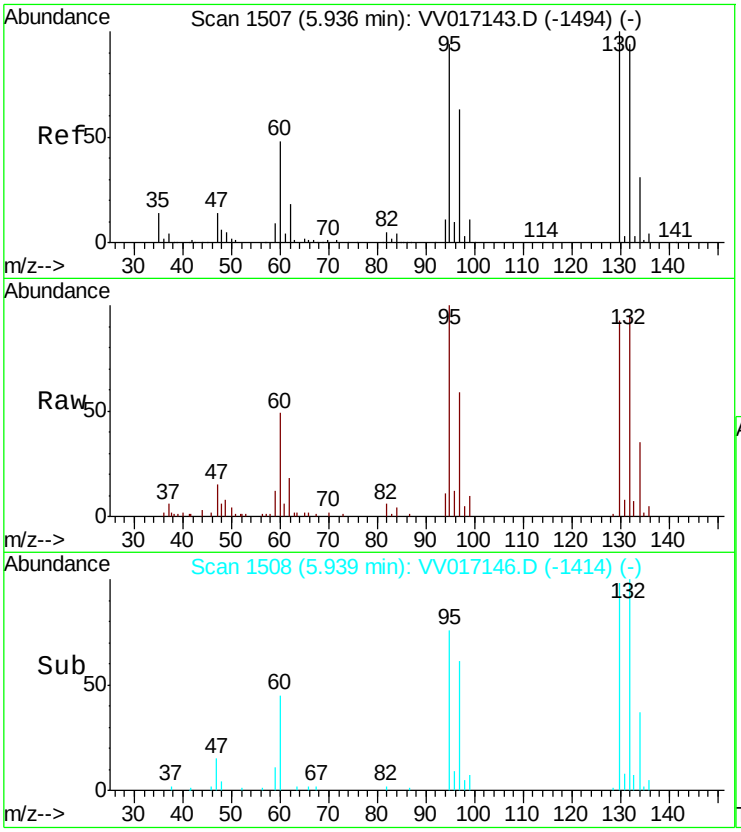




#33
Benzene
Concen: 0.824 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 78 Resp: 35209



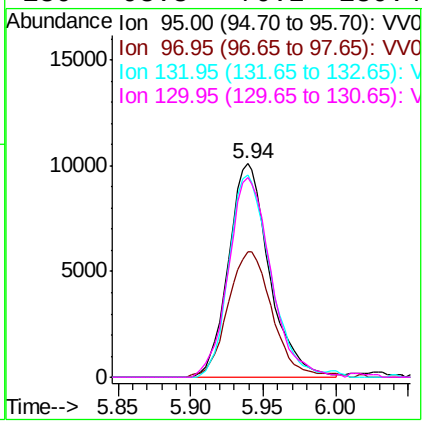


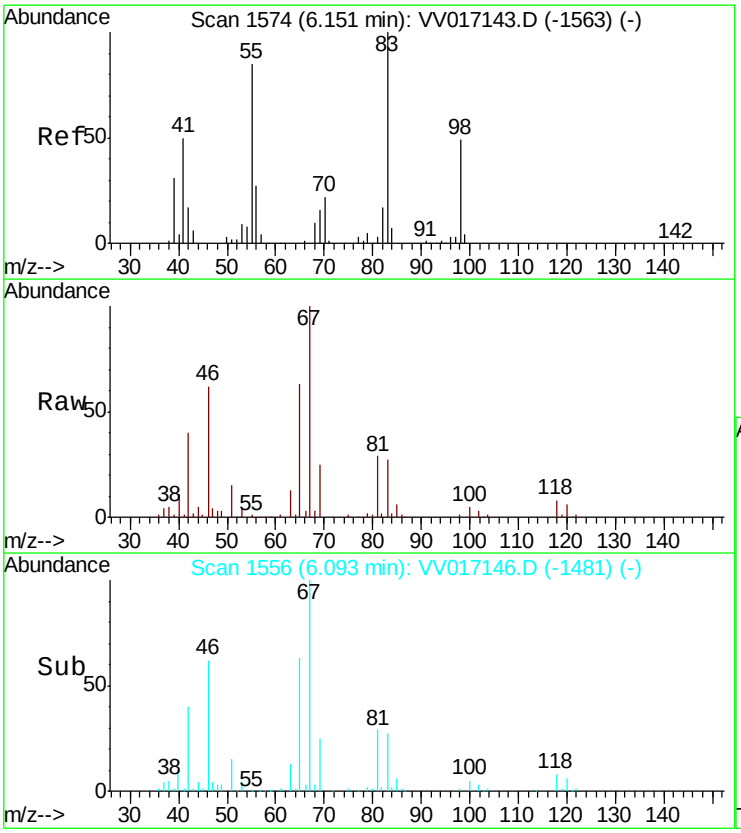
#34
Trichloroethene
Concen: 1.578 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 95 Resp: 19753

Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.3	84.1
132	94.7	68.8	127.8
130	93.3	70.2	130.4

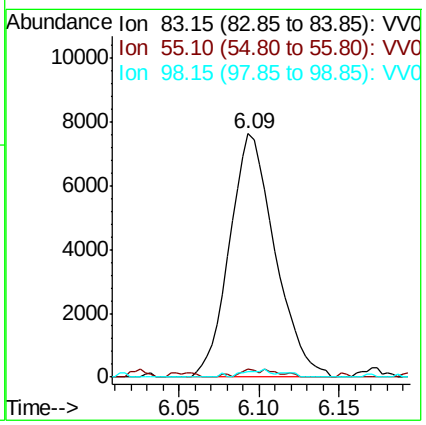


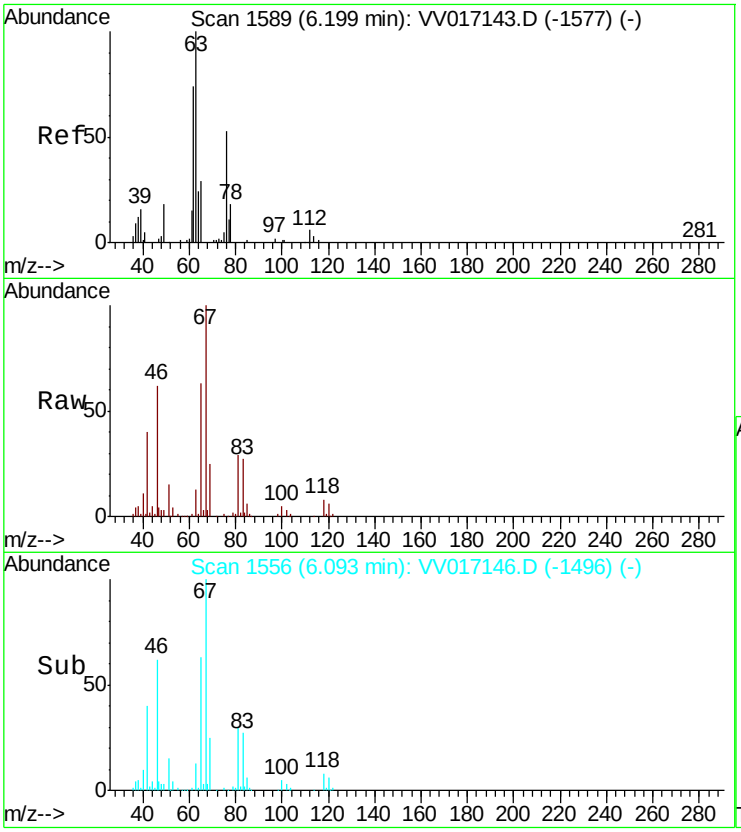


#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 83 Resp: 14779

Ion	Ratio	Lower	Upper
83	100		
55	1.2	63.6	95.4#
98	0.0	38.8	58.2#



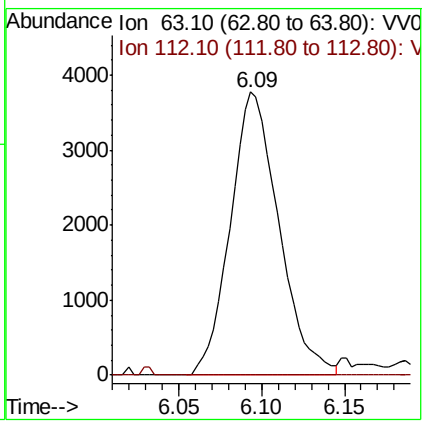


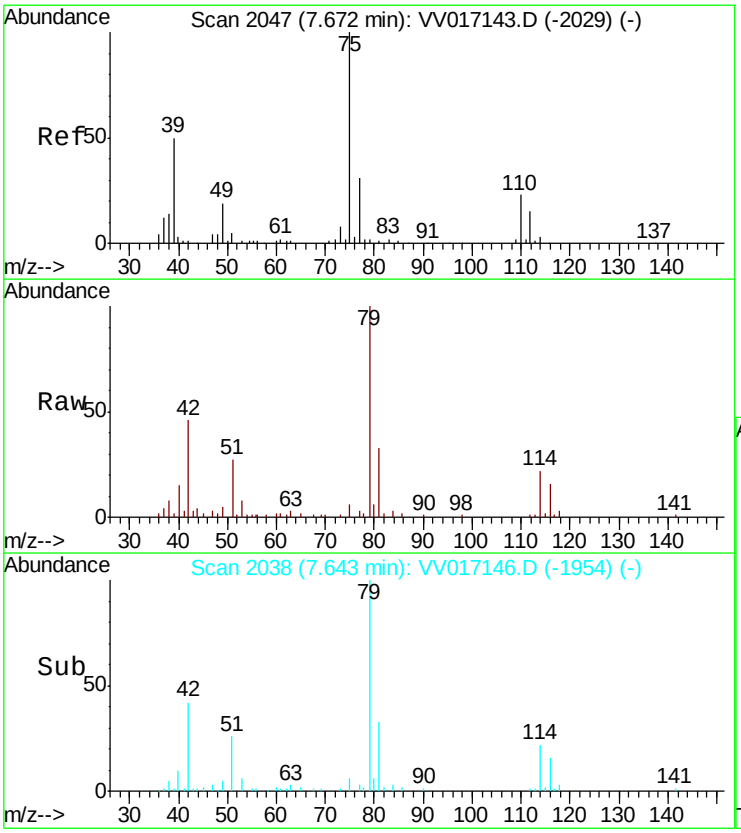
#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 63 Resp: 7676

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.4	6.6#

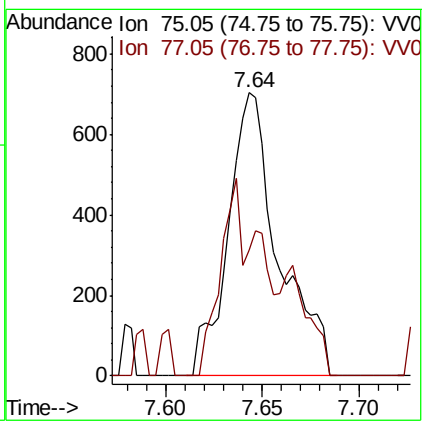


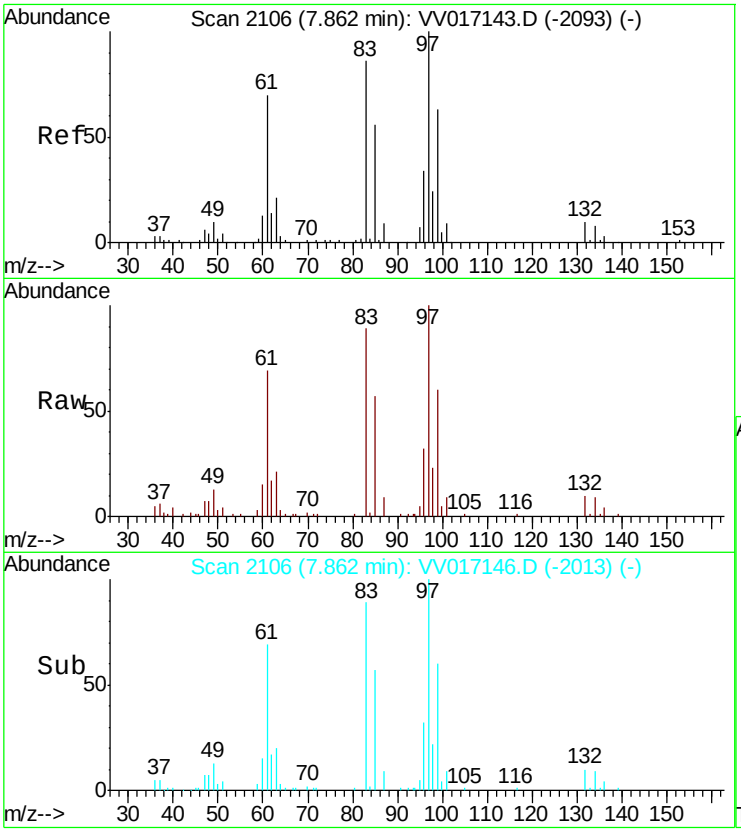


#46
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 75 Resp: 1273

Ion	Ratio	Lower	Upper
75	100		
77	44.5	22.3	41.3#



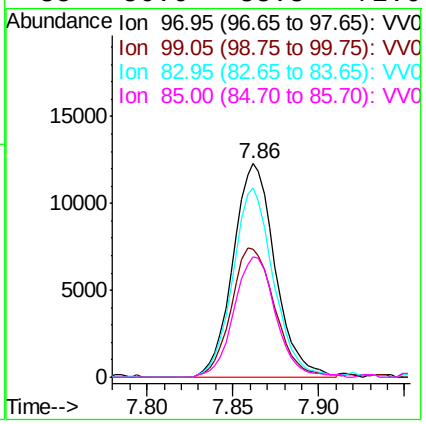


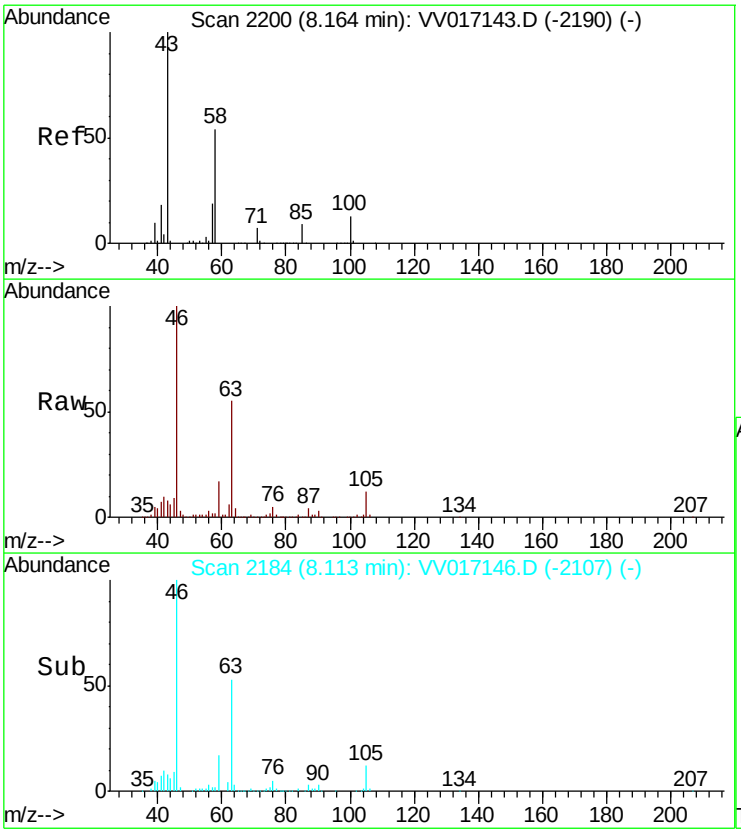
#47
1,1,2-Trichloroethane
Concen: 2.800 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion: 97 Resp: 21013

Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.6	81.0
83	88.6	57.4	106.6
85	56.6	38.8	72.0

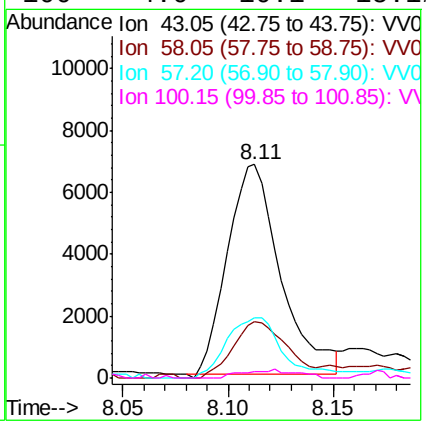


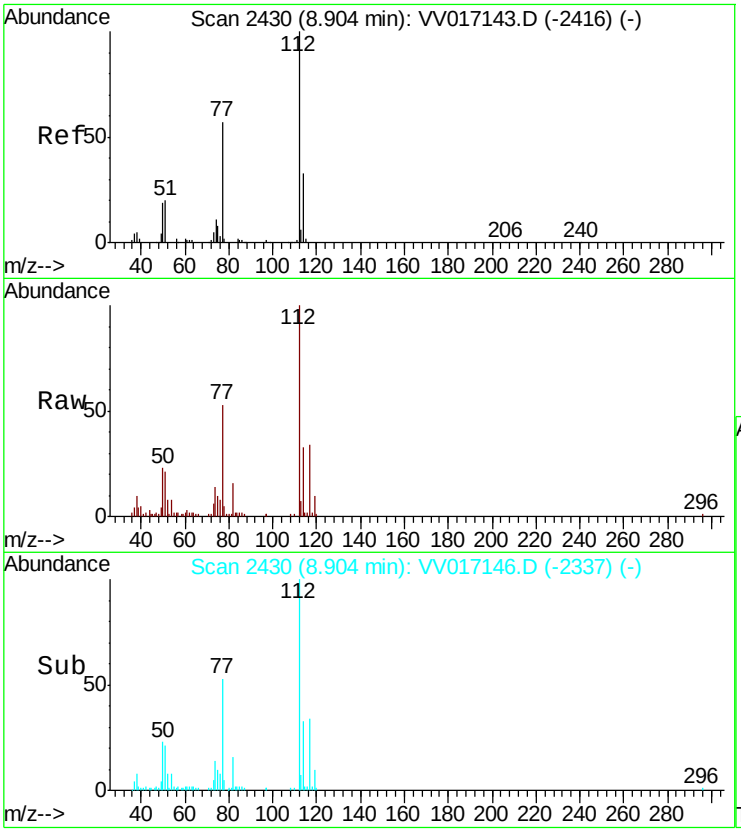


#50
2-Hexanone
Concen: 2.725 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion: 43 Resp: 11846

Ion	Ratio	Lower	Upper
43	100		
58	27.1	41.6	62.4#
57	31.1	15.4	23.0#
100	4.0	10.1	15.1#



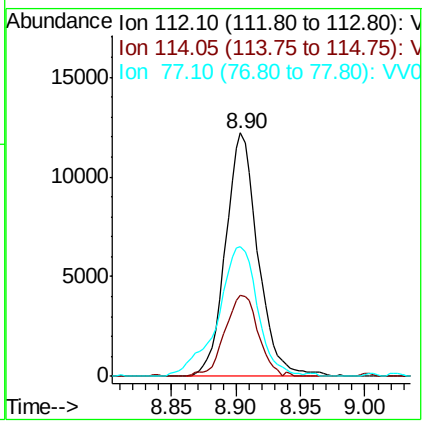


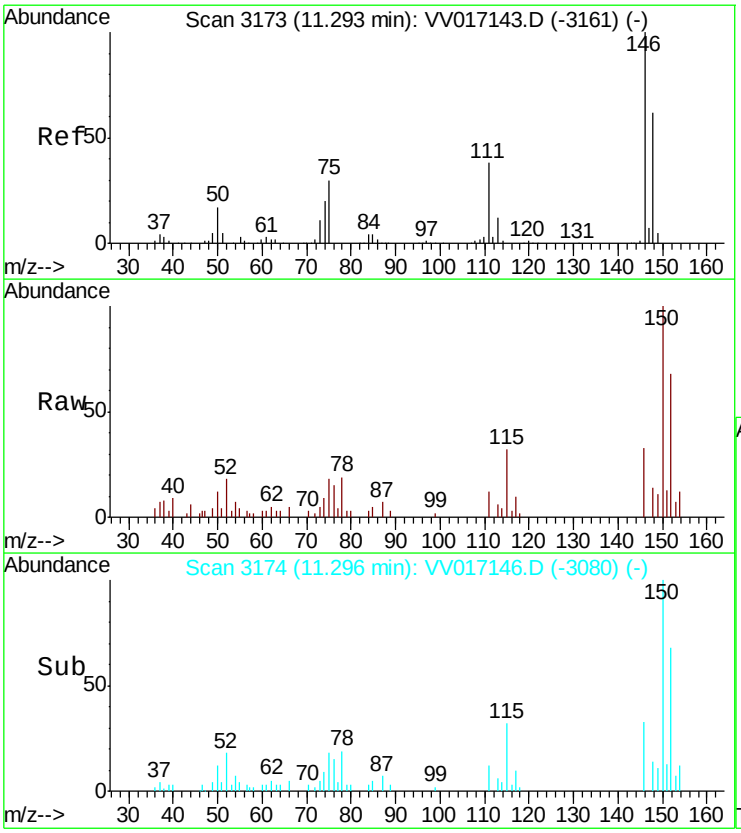
#53
Chlorobenzene
Concen: 0.688 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument : MSVOA_V
ClientSampleId : BFXN6

Tgt Ion:112 Resp: 21326

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.0	41.0
77	53.1	46.0	69.0

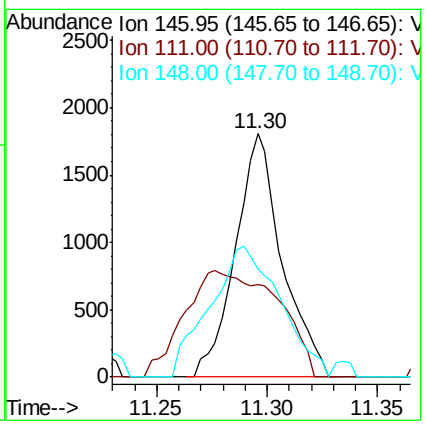


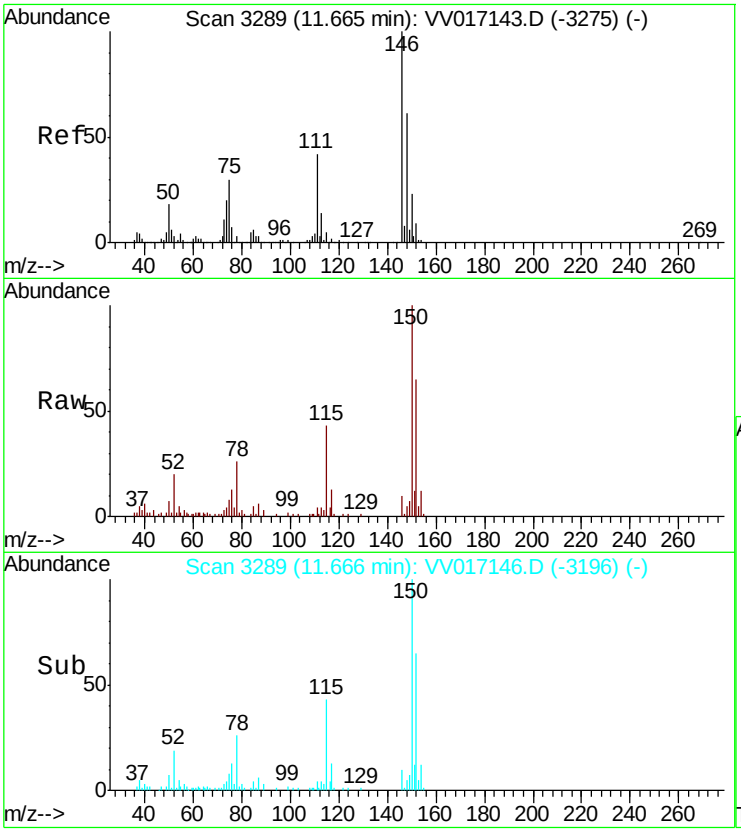


#64
1,4-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Tgt Ion:146 Resp: 2656

Ion	Ratio	Lower	Upper
146	100		
111	38.1	27.4	50.8
148	44.2	44.3	82.3#





#66
1,2-Dichlorobenzene
Concen: 0.091 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV017146.D
Acq: 25 Jun 2020 23:35

Instrument :
MSVOA_V
ClientSampleId :
BFXN6

Tgt Ion:146 Resp: 1836

Ion	Ratio	Lower	Upper
146	100		
111	44.5	34.4	51.6
148	54.6	49.9	74.9