Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017165.D
Acq On : 26 Jun 2020 07:11
Operator : SY/MD
Sample : L3107-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP4

Quant Time: Jun 26 08:08:45 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	168558	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162179	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76096	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46767	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.58	69	38602	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.00%			
11) 1,1-Dichloroethene-d2	2.13	63	69574	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	3.93	46	113183	43.90	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.80%			
24) Chloroform-d	4.38	84	103281	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.06	65	55400	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.08	84	188582	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.10	67	54863	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.34	98	160986	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
45) trans-1,3-Dichloropropene-	7.64	79	20241	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
48) 2-Hexanone-d5	8.11	63	80394	40.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.44%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39337	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64643	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	781	0.087	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	727	0.090	ug/L #	1
13) Acetone	2.20	43	9066	6.956	ug/L	74
21) 2-Butanone	4.10	43	466780	189.988	ug/L #	50
25) Chloroform	4.41	83	12819	0.609	ug/L	96
30) Cyclohexane	4.71	56	4627	0.250	ug/L	97
35) Methylcyclohexane	6.10	83	14309	0.740	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	2108	0.135	ug/L #	73
46) trans-1,3-Dichloropropene	7.64	75	1337	0.099	ug/L	91
50) 2-Hexanone	8.17	43	1900	0.440	ug/L #	75
53) Chlorobenzene	8.90	112	6634	0.216	ug/L #	86
63) 1,3-Dichlorobenzene	11.21	146	8242	0.360	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	6177	0.265	ug/L	92
69) 1,2,4-trichlorobenzene	13.29	180	6035	0.398	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	1439	0.116	ug/L	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017165.D
Acq On : 26 Jun 2020 07:11
Operator : SY/MD
Sample : L3107-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXP4

Quant Time: Jun 26 08:08:45 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

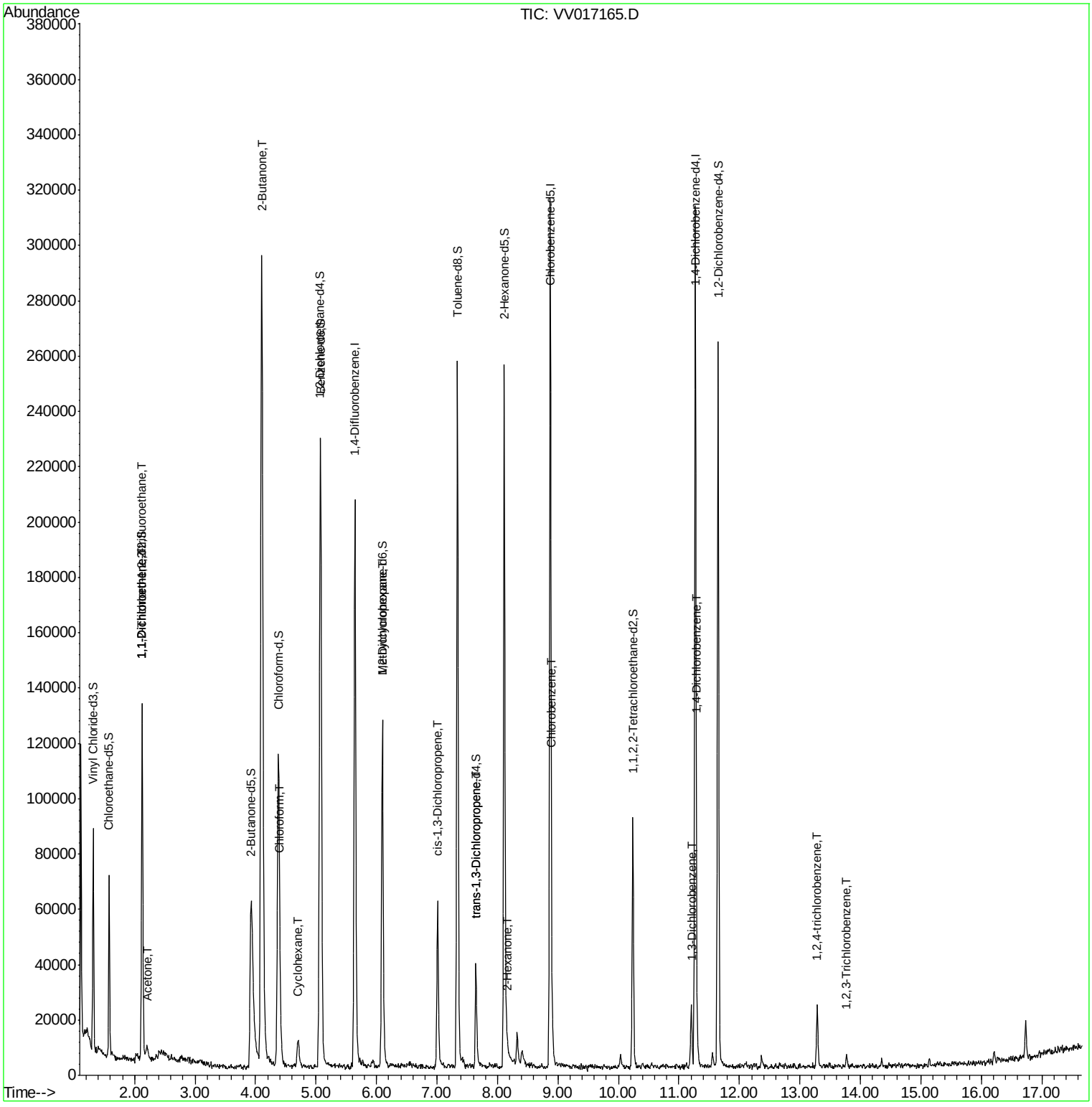
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

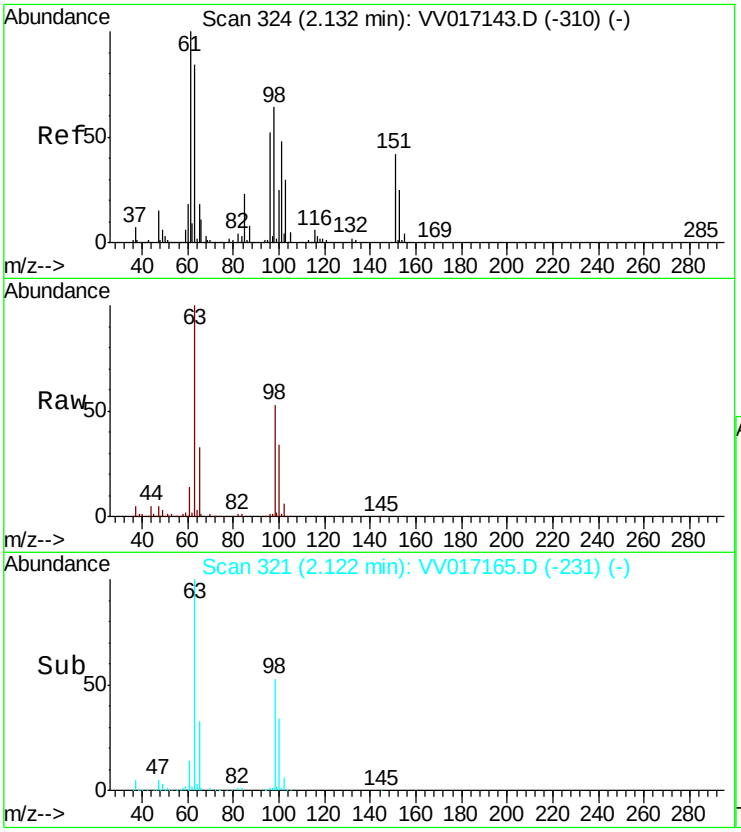
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017165.D
Acq On : 26 Jun 2020 07:11
Operator : SY/MD
Sample : L3107-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Quant Time: Jun 26 08:08:45 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



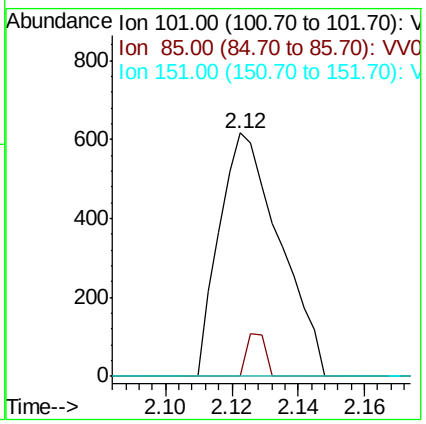


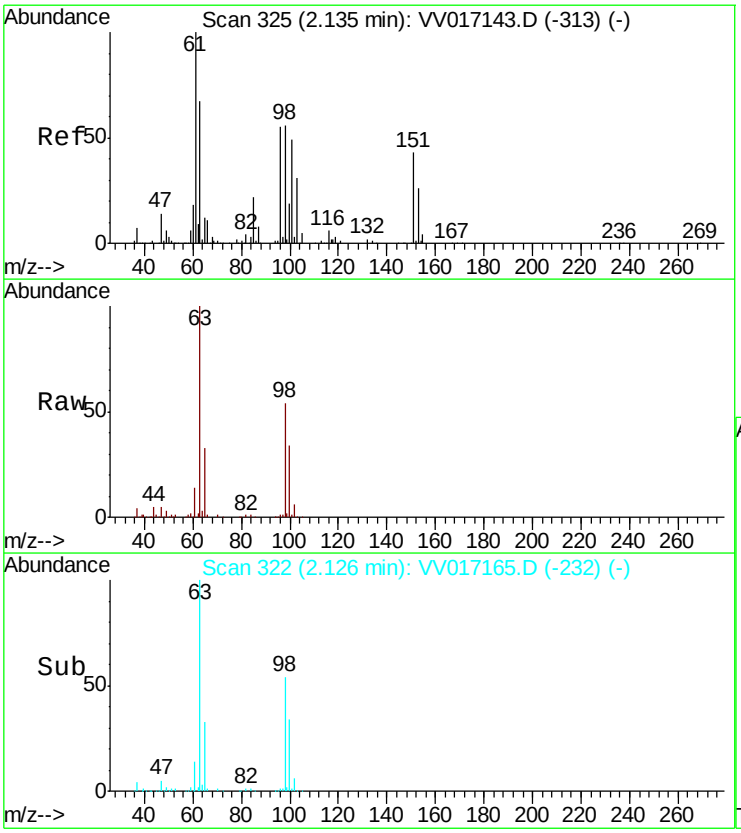
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion:101 Resp: 781

Ion	Ratio	Lower	Upper
101	100		
85	5.2	35.4	53.2#
151	0.0	63.9	95.9#

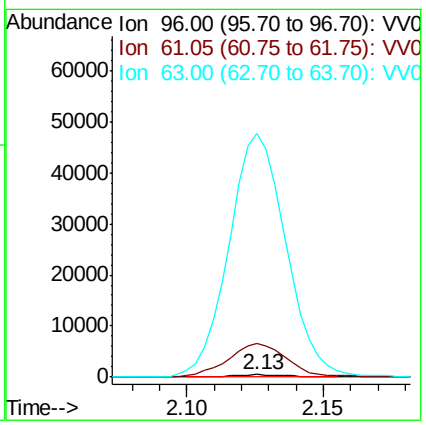


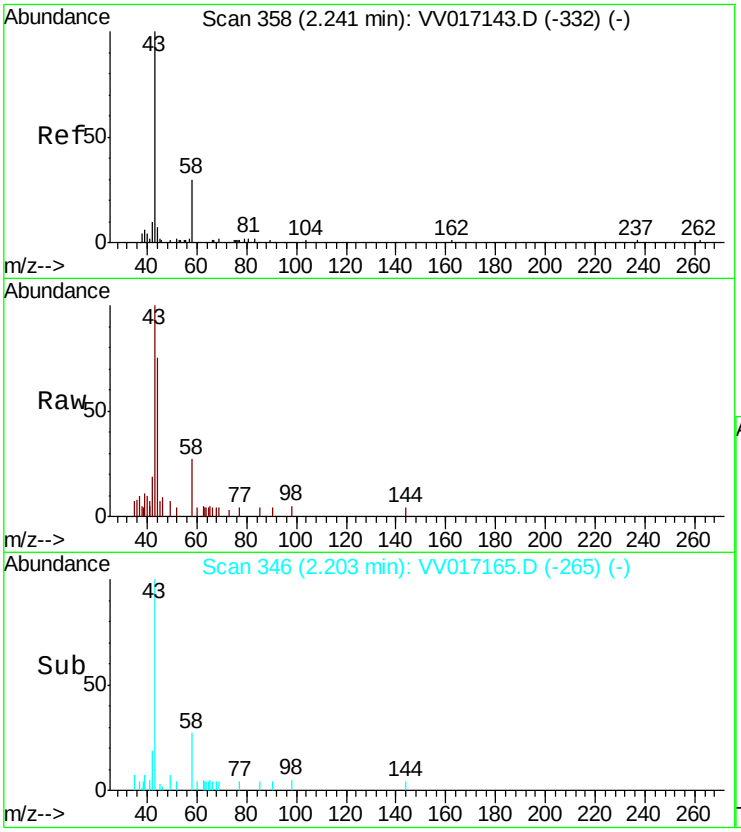


#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion: 96 Resp: 727

Ion	Ratio	Lower	Upper
96	100		
61	1352.9	125.0	232.2#
63	9888.8	109.8	203.8#



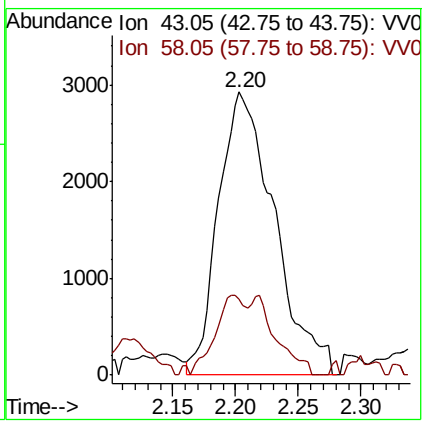


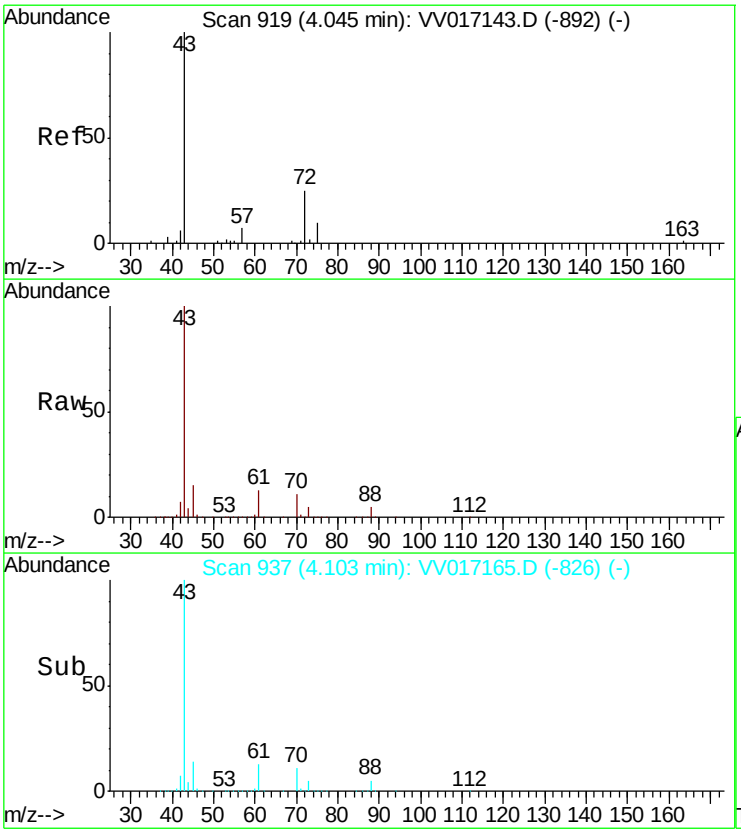
#13
Acetone
Concen: 6.956 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.04 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion: 43 Resp: 9066

Ion	Ratio	Lower	Upper
43	100		
58	15.4	0.0	58.4

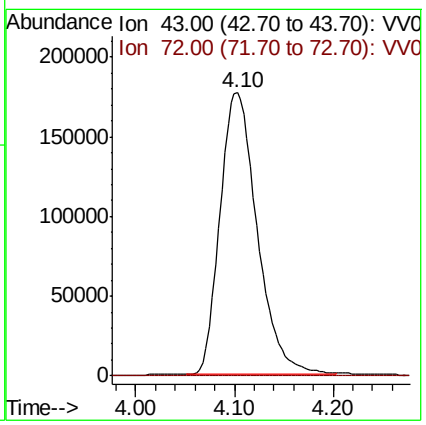


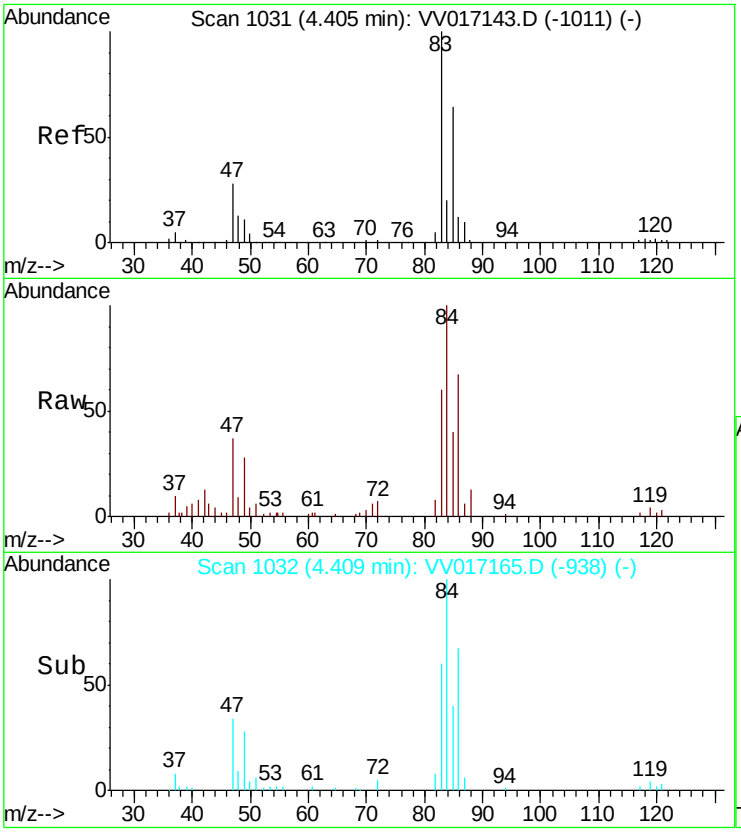


#21
2-Butanone
Concen: 189.988 ug/L
RT: 4.10 min Scan# 937
Delta R.T. 0.06 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion: 43 Resp: 466780

Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.4	37.4#



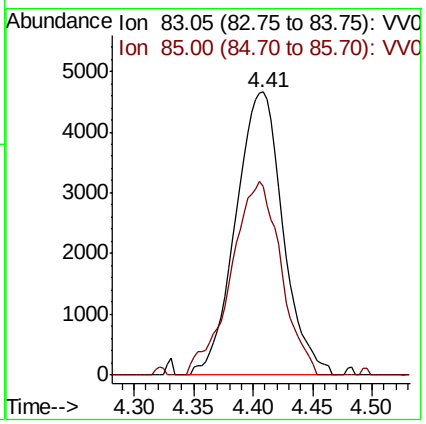


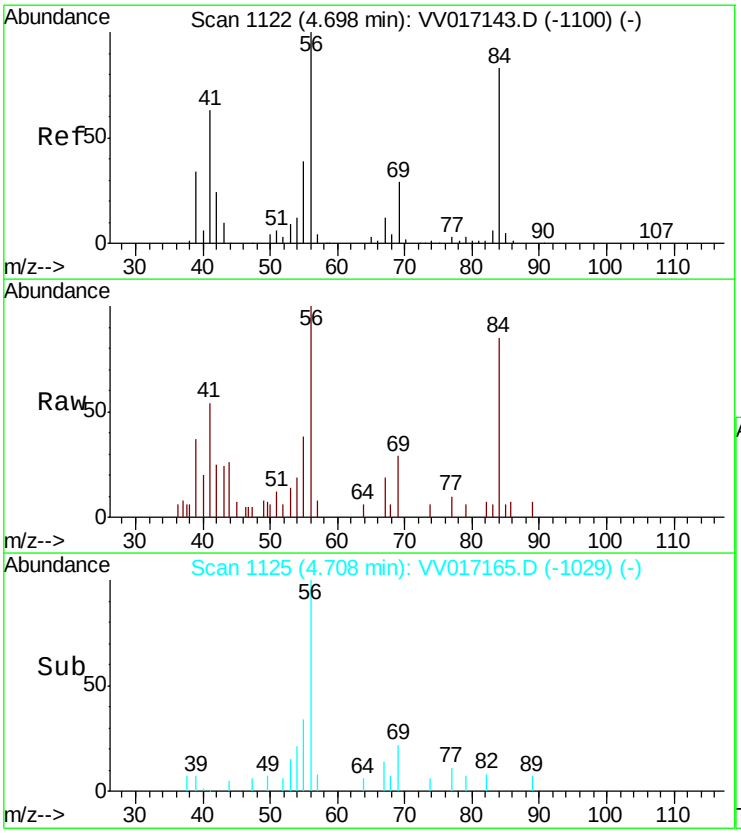
#25
Chloroform
Concen: 0.609 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion: 83 Resp: 12819

Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.2	82.2

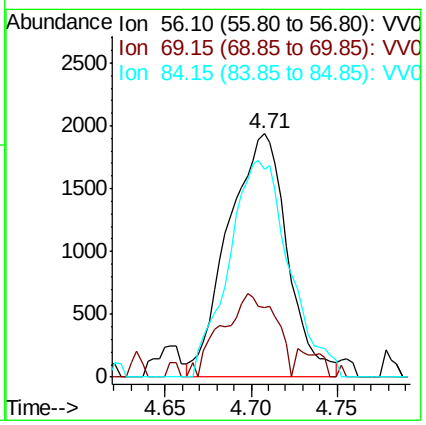


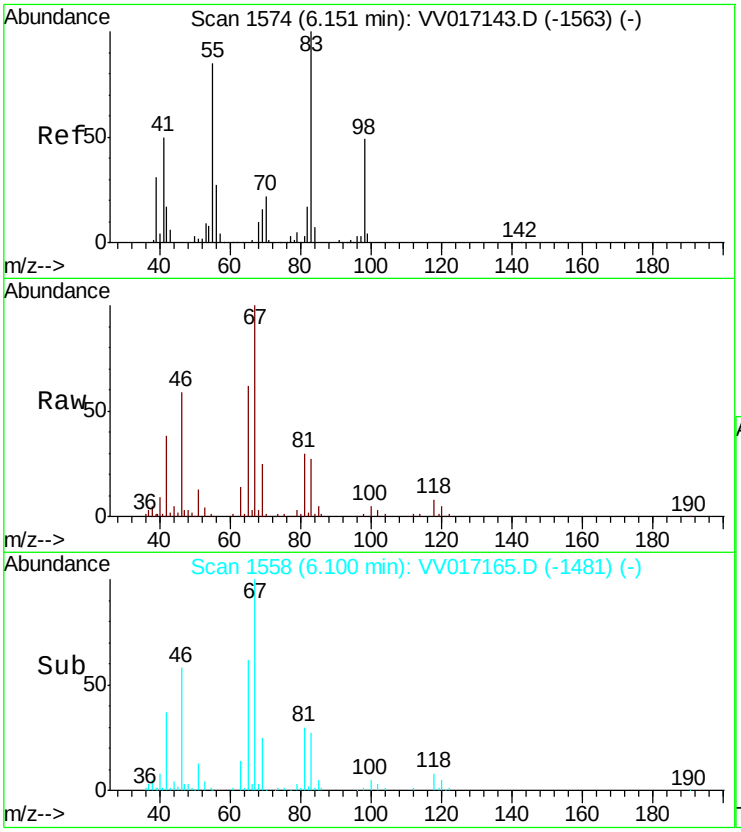


#30
Cyclohexane
Concen: 0.250 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion: 56 Resp: 4627

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.4	36.6
84	91.0	69.9	104.9



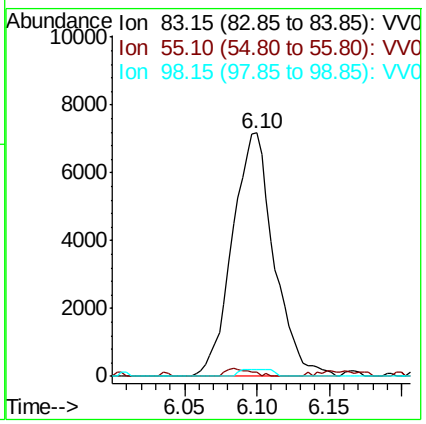


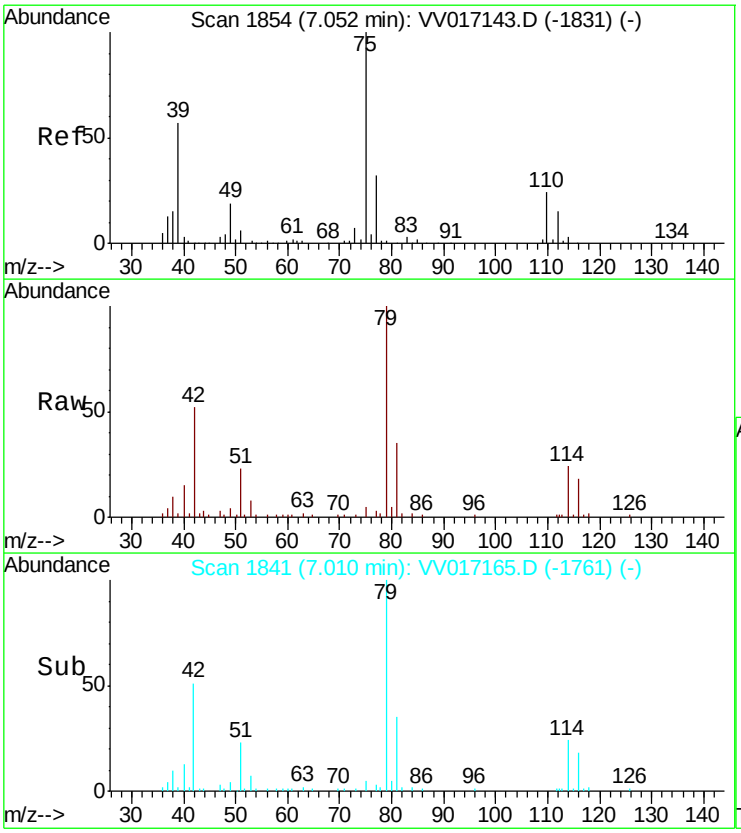
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.05 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion: 83 Resp: 14309

Ion	Ratio	Lower	Upper
83	100		
55	1.9	63.6	95.4#
98	1.2	38.8	58.2#

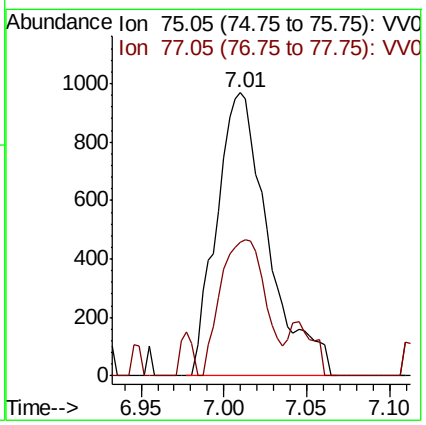


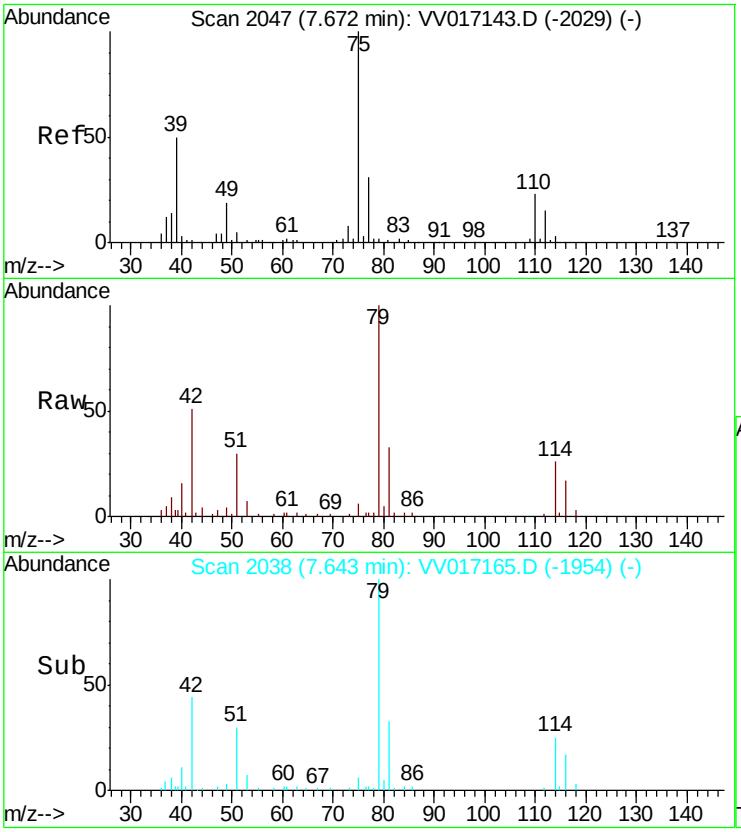


#39
cis-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion: 75 Resp: 2108

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.3	41.5#



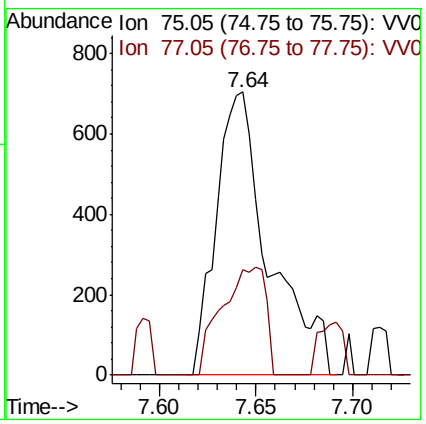


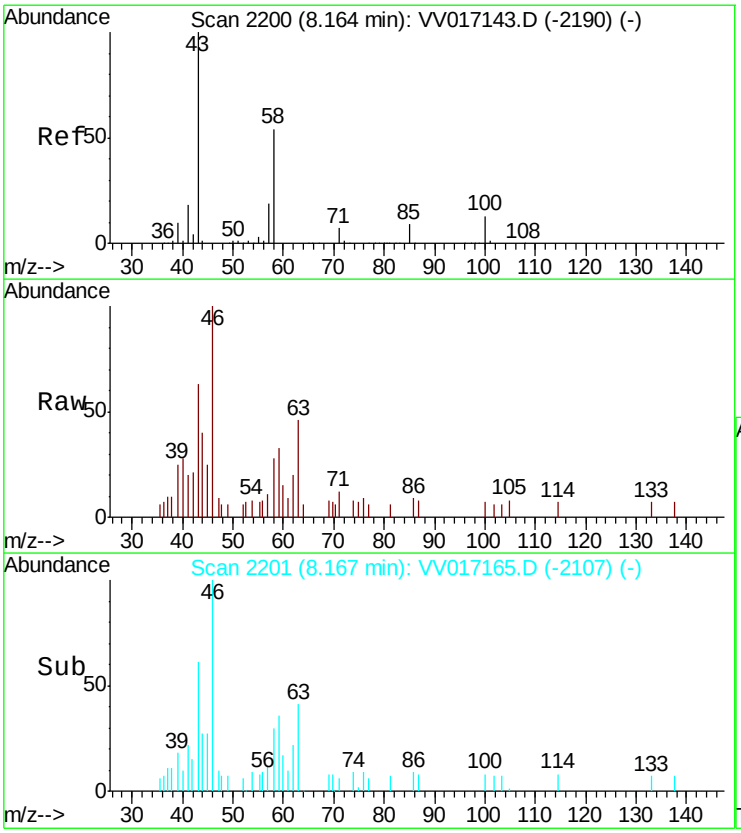
#46
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion: 75 Resp: 1337

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.3	41.3

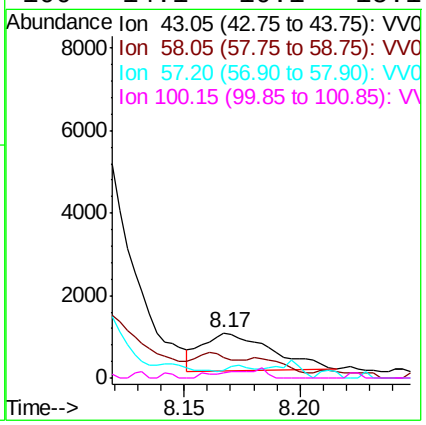


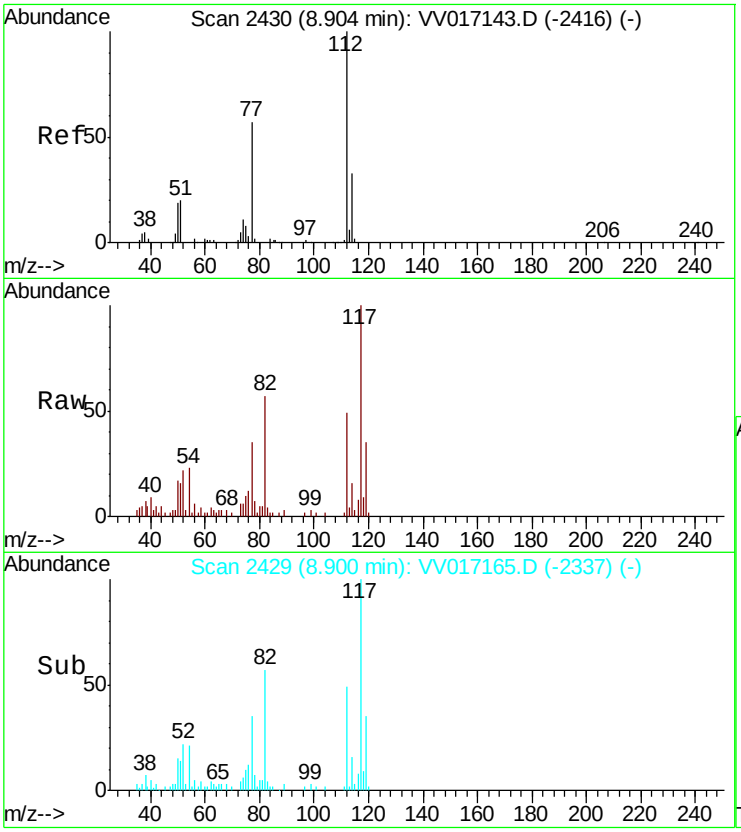


#50
2-Hexanone
Concen: 0.440 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion: 43 Resp: 1900

Ion	Ratio	Lower	Upper
43	100		
58	26.6	41.6	62.4#
57	14.8	15.4	23.0#
100	14.1	10.1	15.1



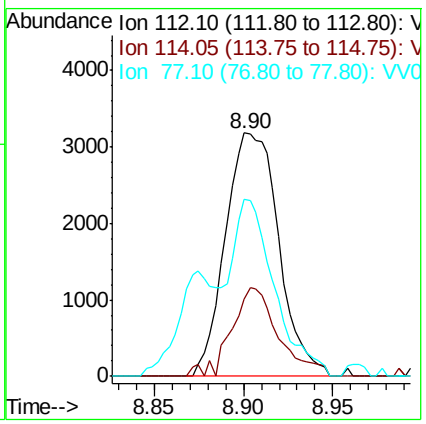


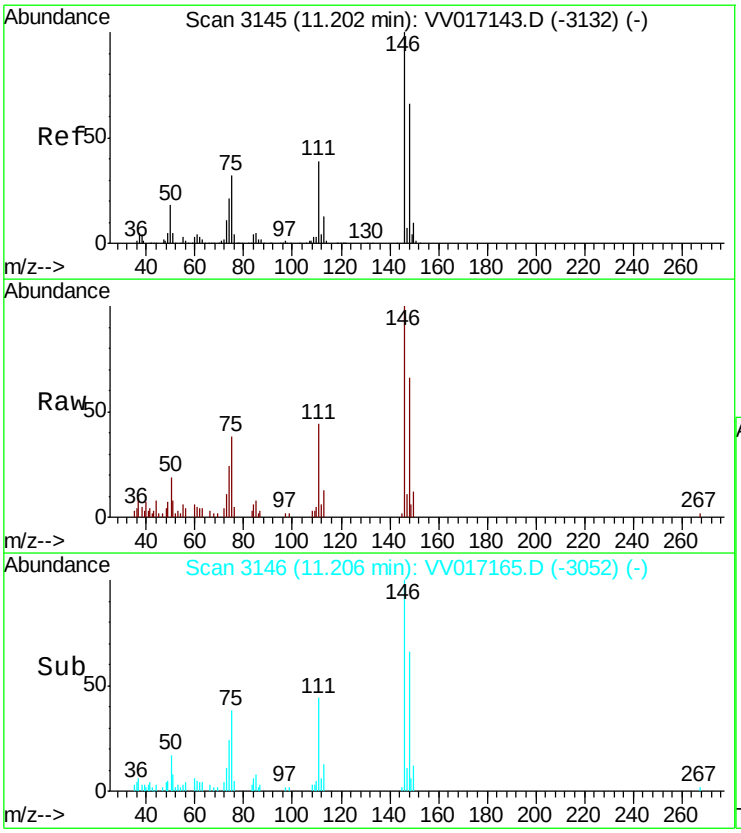
#53
Chlorobenzene
Concen: 0.216 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument : MSVOA_V
ClientSampleId : BFXP4

Tgt Ion:112 Resp: 6634

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	72.8	46.0	69.0#

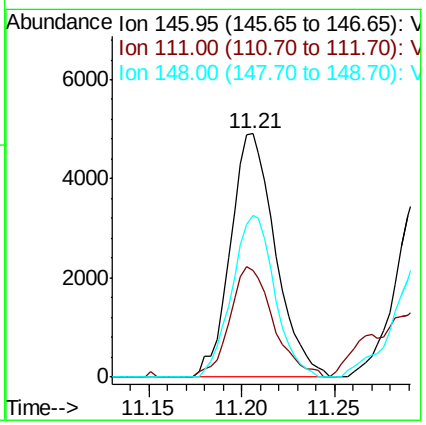


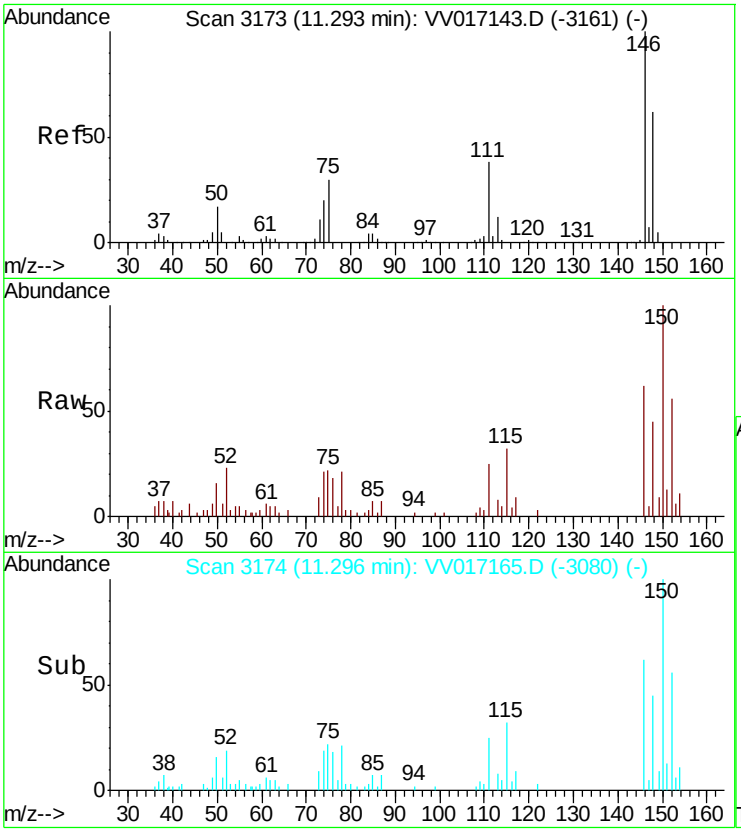


#63
1,3-Dichlorobenzene
Concen: 0.360 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion:146 Resp: 8242

Ion	Ratio	Lower	Upper
146	100		
111	43.9	29.2	54.2
148	66.3	44.9	83.5



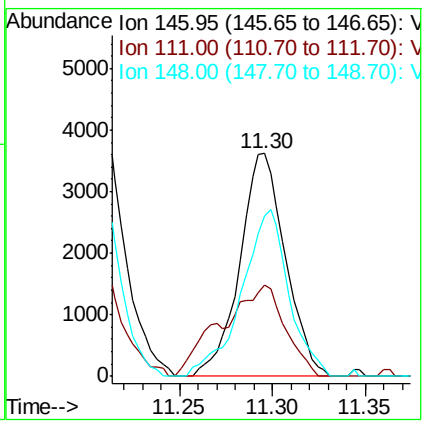


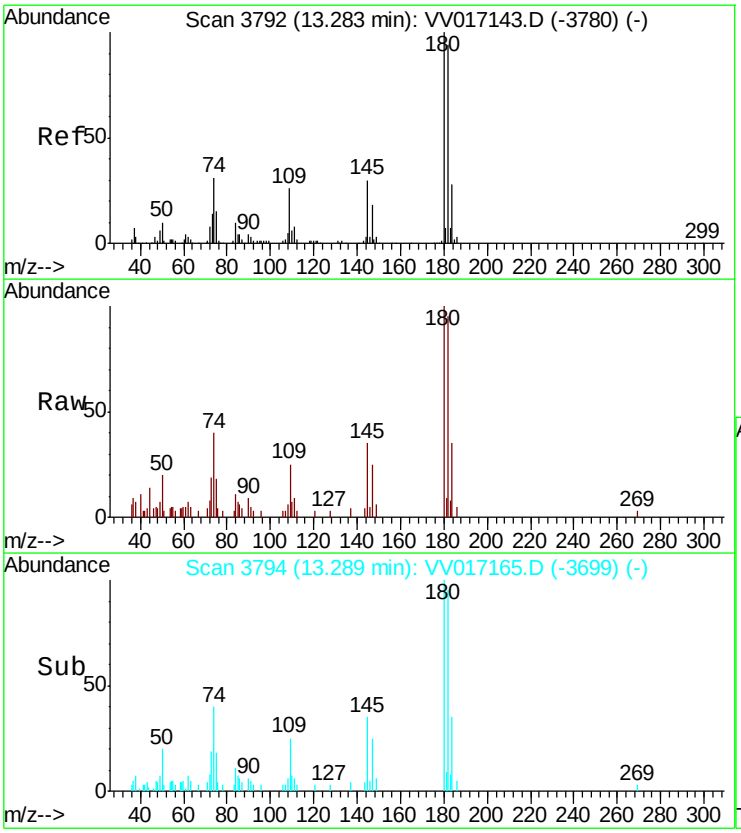
#64
1,4-Dichlorobenzene
Concen: 0.265 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion:146 Resp: 6177

Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.4	50.8
148	72.2	44.3	82.3

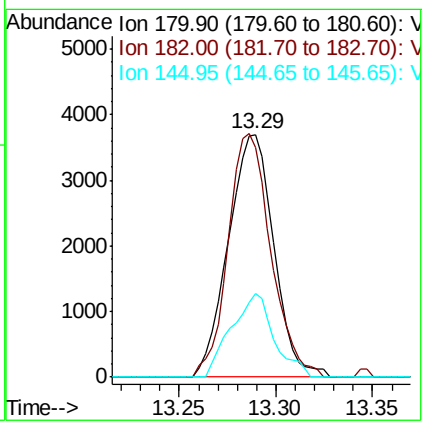


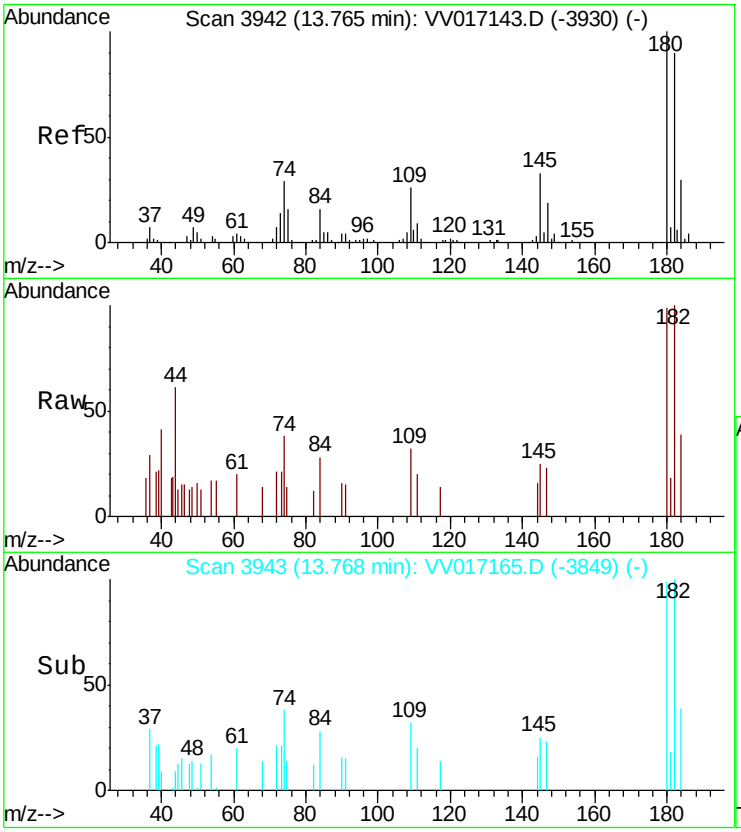


#69
1,2,4-trichlorobenzene
Concen: 0.398 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.01 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Tgt Ion:180 Resp: 6035

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	114.8
145	32.6	25.0	37.6





#71
1,2,3-Trichlorobenzene
Concen: 0.116 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV017165.D
Acq: 26 Jun 2020 07:11

Instrument :
MSVOA_V
ClientSampleId :
BFXP4

Tgt Ion:180 Resp: 1439

Ion	Ratio	Lower	Upper
180	100		
182	83.1	77.4	116.0
145	31.7	25.9	38.9