Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017123.D
Acq On : 25 Jun 2020 13:35
Operator : SY/MD
Sample : L3105-04DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Quant Time: Jun 26 02:35:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	173348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170062	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80296	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56082	5.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.80%			
7) Chloroethane-d5	1.58	69	43578	5.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.12	63	82740	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.60%			
20) 2-Butanone-d5	3.96	46	127306	48.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.02%			
24) Chloroform-d	4.38	84	118645	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.06	65	63362	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
32) Benzene-d6	5.07	84	228674	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.10	67	64498	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.34	98	198425	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
45) trans-1,3-Dichloropropene-	7.64	79	25941	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
48) 2-Hexanone-d5	8.11	63	96171	45.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.76%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44138	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	75871	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	120407	10.585	ug/L	99
12) 1,1-Dichloroethene	2.13	96	3946	0.474	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2533	0.287	ug/L	80
19) 1,1-Dichloroethane	3.21	63	60698	3.064	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	67506	5.599	ug/L #	100
27) 1,2-Dichloroethane	5.17	62	2923	0.217	ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	17837	0.875	ug/L	98
30) Cyclohexane	4.70	56	7799	0.402	ug/L	97
33) Benzene	5.13	78	14719	0.330	ug/L	100
34) Trichloroethene	5.95	95	1705	0.131	ug/L	89
47) 1,1,2-Trichloroethane	7.87	97	2294	0.293	ug/L	85
53) Chlorobenzene	8.90	112	49361	1.529	ug/L	97
56) o-xylene	9.56	106	4530	0.224	ug/L	82
63) 1,3-Dichlorobenzene	11.21	146	3433	0.142	ug/L	90
64) 1,4-Dichlorobenzene	11.29	146	6719	0.273	ug/L	89
66) 1,2-Dichlorobenzene	11.66	146	3838	0.175	ug/L	94

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017123.D
Acq On : 25 Jun 2020 13:35
Operator : SY/MD
Sample : L3105-04DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Quant Time: Jun 26 02:35:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration

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

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017123.D
Acq On : 25 Jun 2020 13:35
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Sample : L3105-04DL 10X
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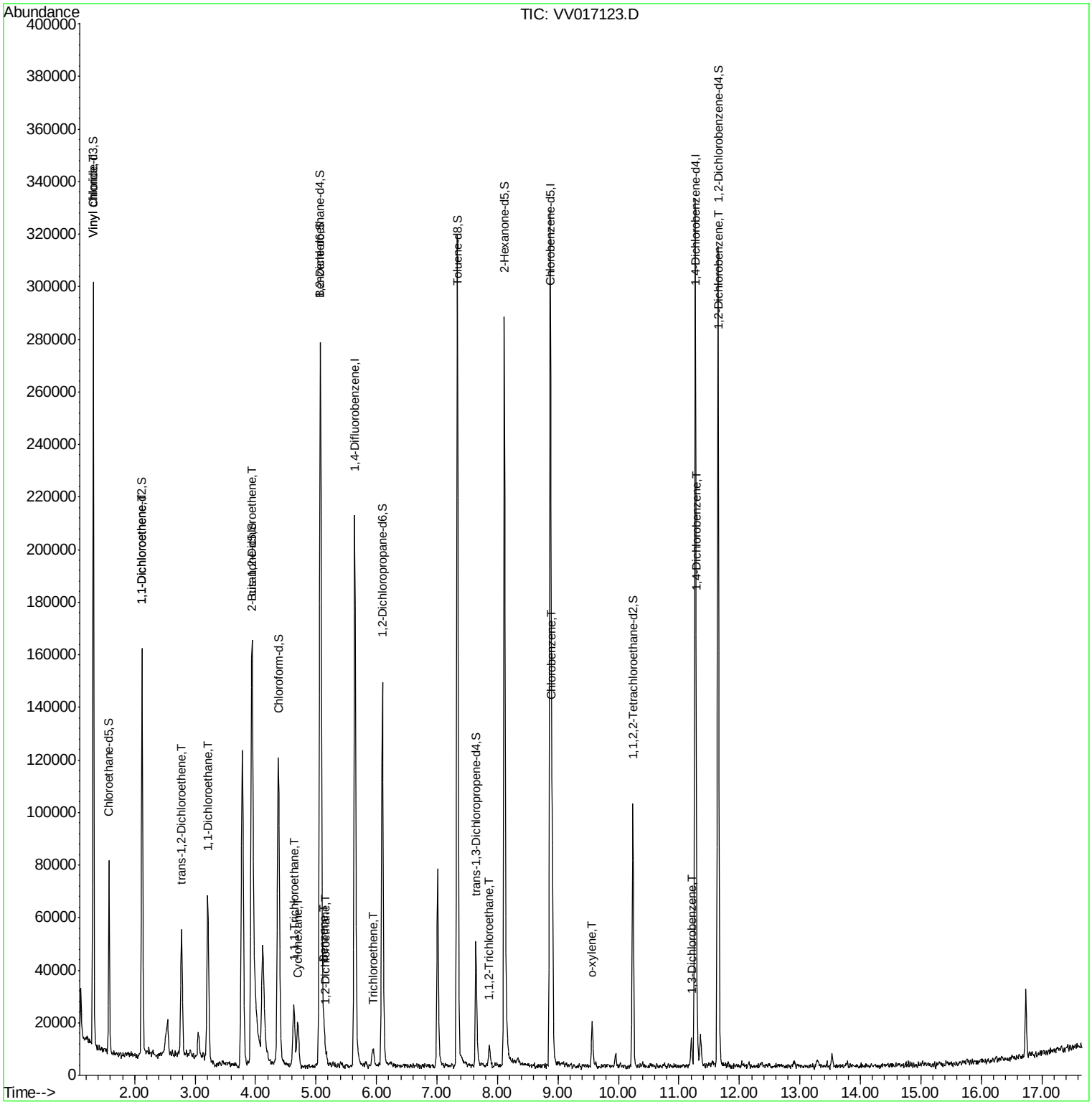
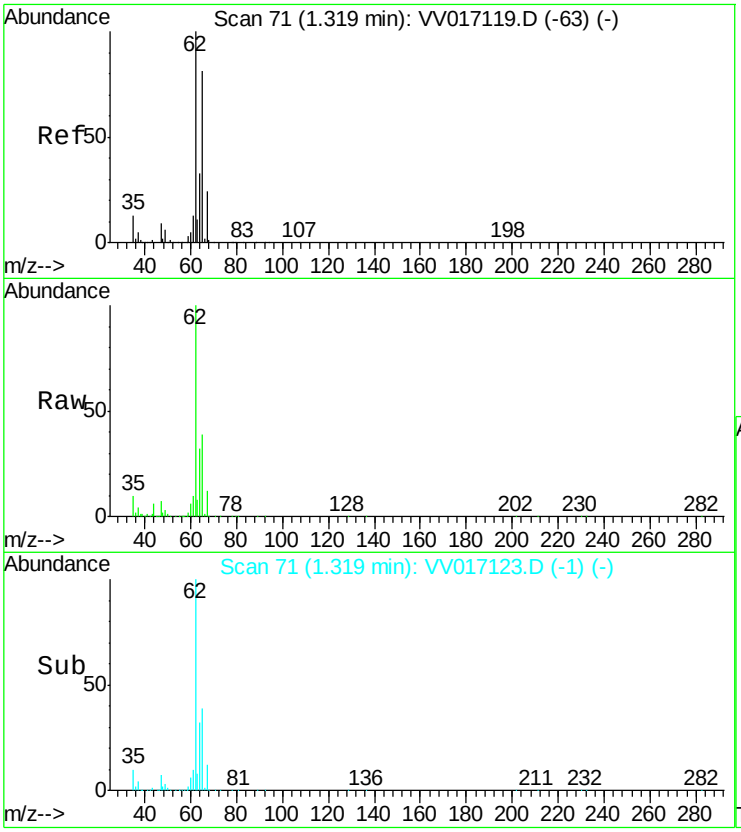
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration



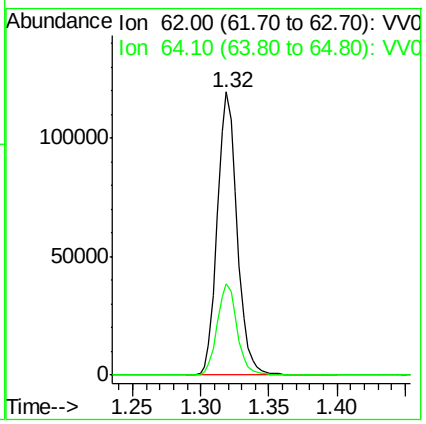


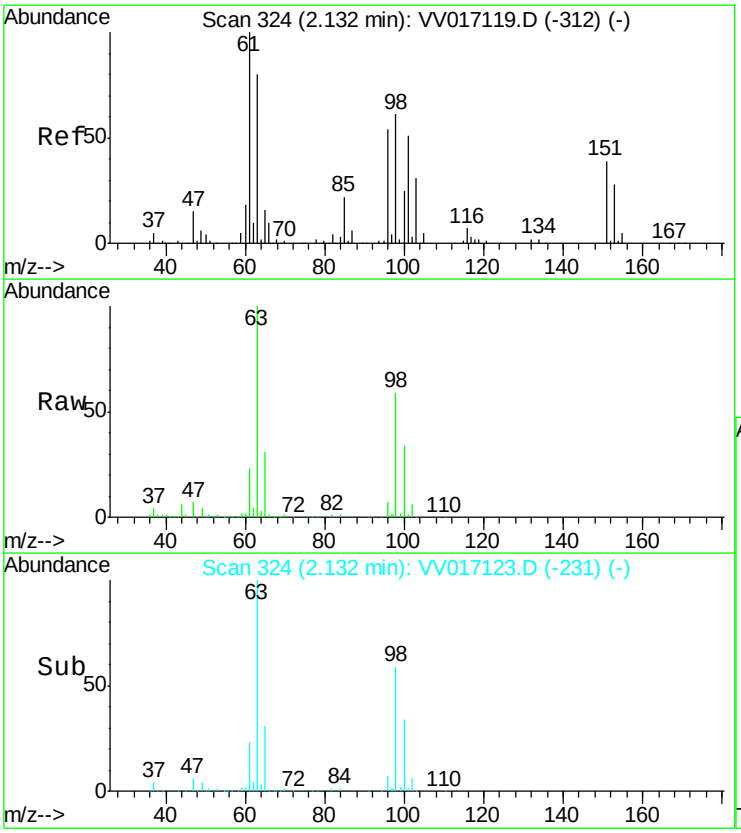
#5
Vinyl chloride
Concen: 10.585 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Tgt Ion: 62 Resp: 120407

Ion	Ratio	Lower	Upper
62	100		
64	32.5	22.5	41.7

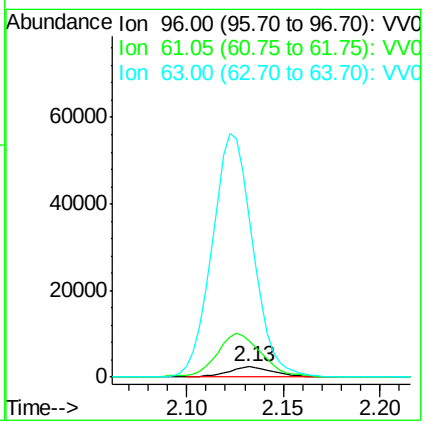


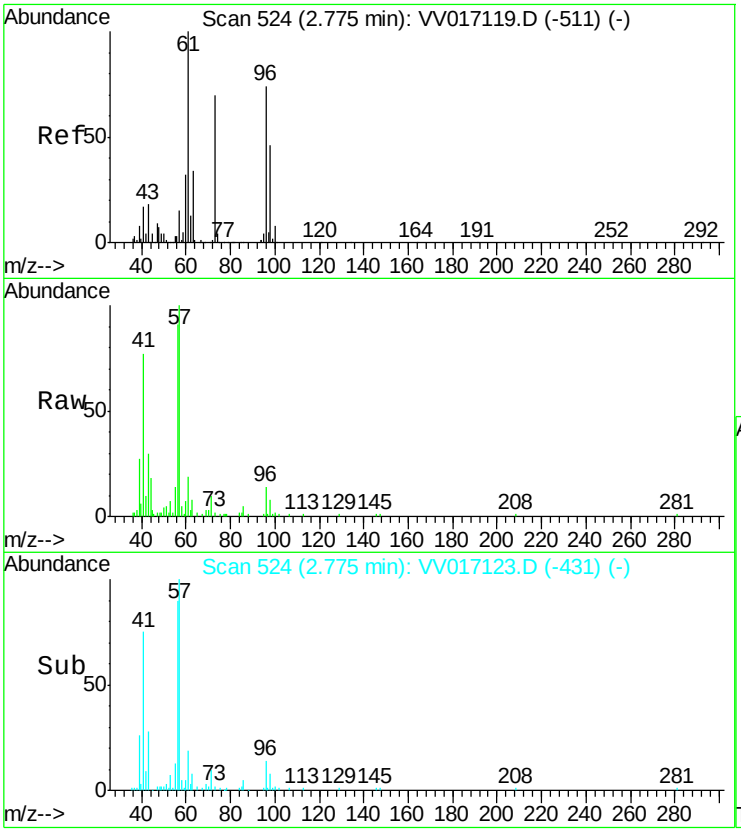


#12
1,1-Dichloroethene
Concen: 0.474 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion: 96 Resp: 3946

Ion	Ratio	Lower	Upper
96	100		
61	340.5	125.0	232.2#
63	1508.6	109.8	203.8#



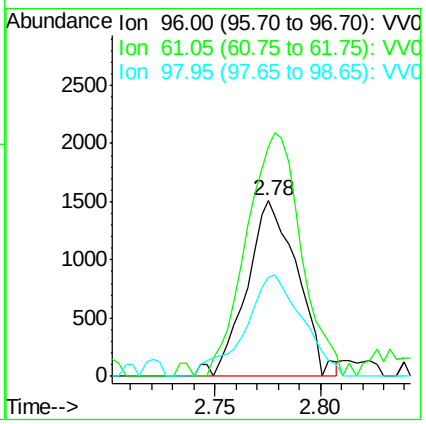


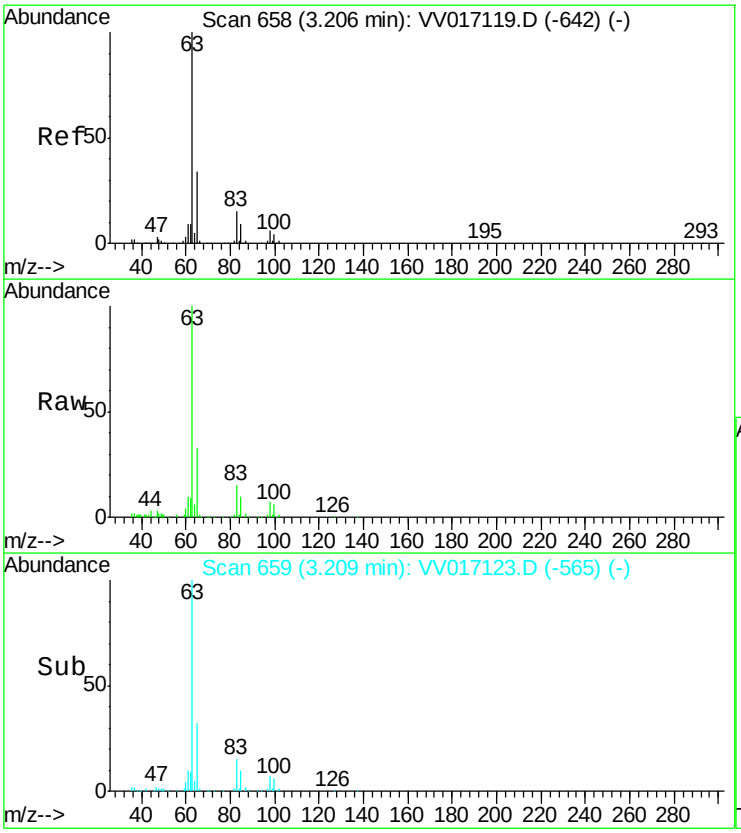
#18
trans-1,2-Dichloroethene
Concen: 0.287 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Tgt Ion: 96 Resp: 2533

Ion	Ratio	Lower	Upper
96	100		
61	118.5	102.3	189.9
98	50.9	44.7	82.9

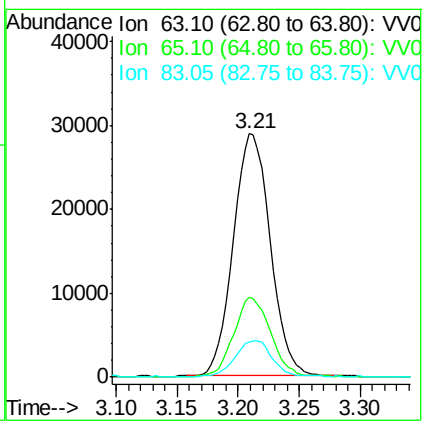


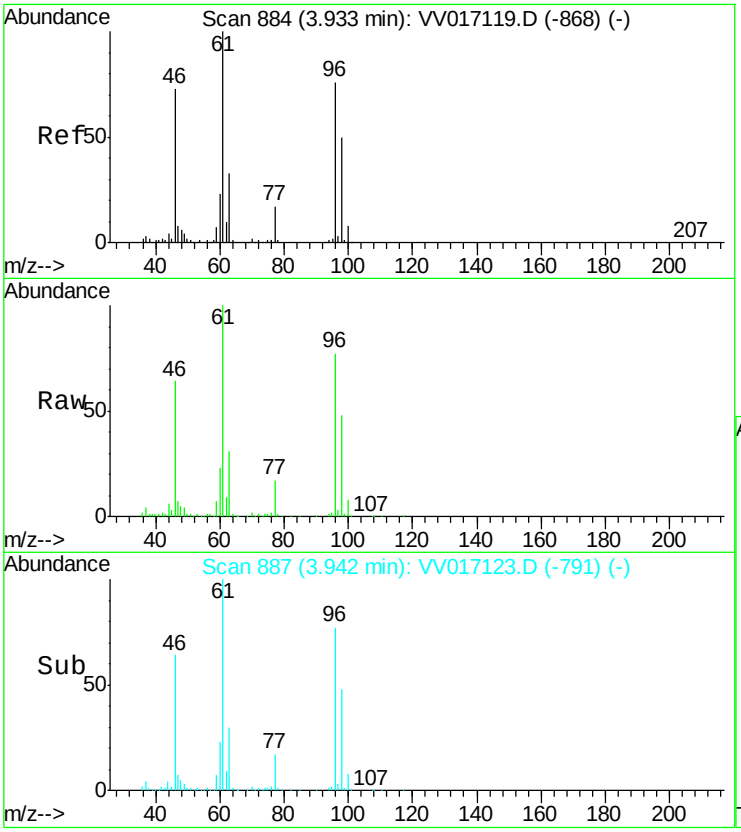


#19
1,1-Dichloroethane
Concen: 3.064 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion: 63 Resp: 60698

Ion	Ratio	Lower	Upper
63	100		
65	32.9	21.8	40.4
83	14.6	9.7	17.9



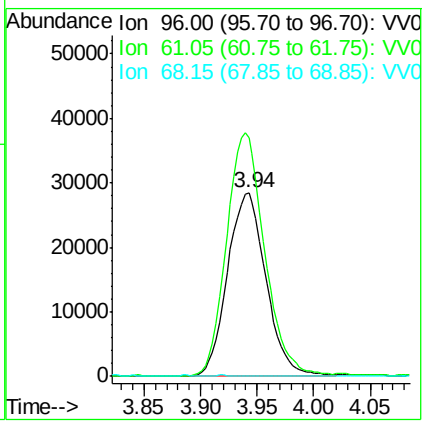


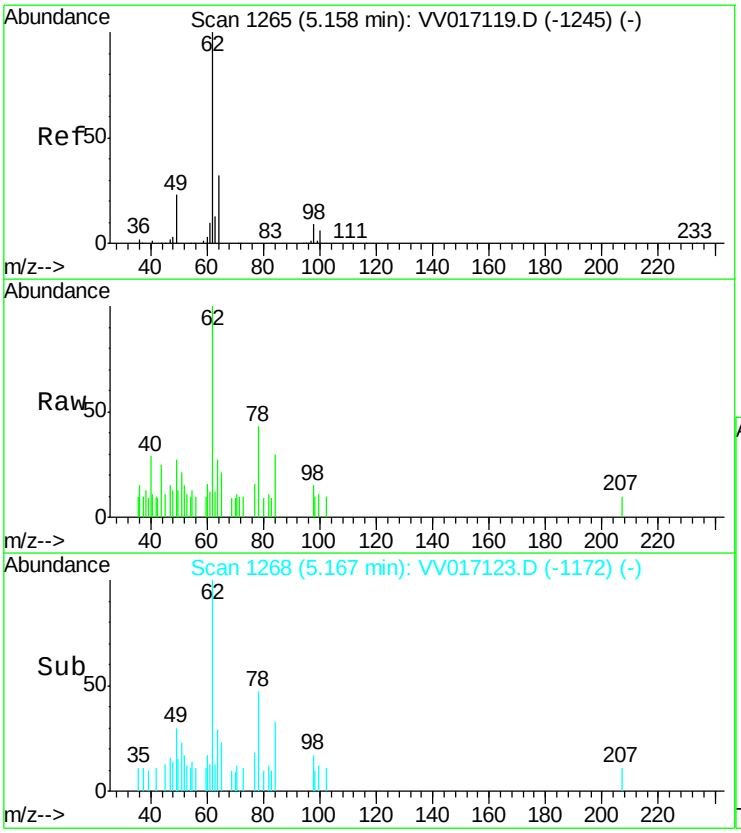
#22
cis-1,2-Dichloroethene
Concen: 5.599 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument :
MSVOA_V
ClientSampleId :
BFXK7DL

Tgt Ion: 96 Resp: 67506

Ion	Ratio	Lower	Upper
96	100		
61	130.3	91.0	169.0
68	0.4	0.0	0.0#

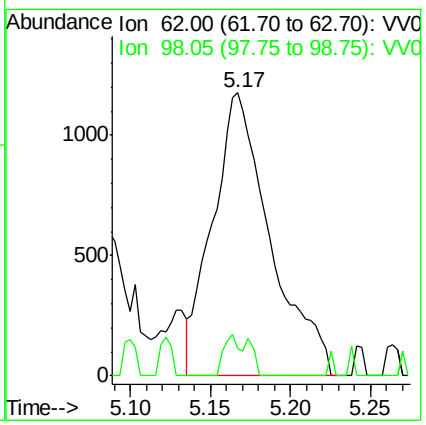


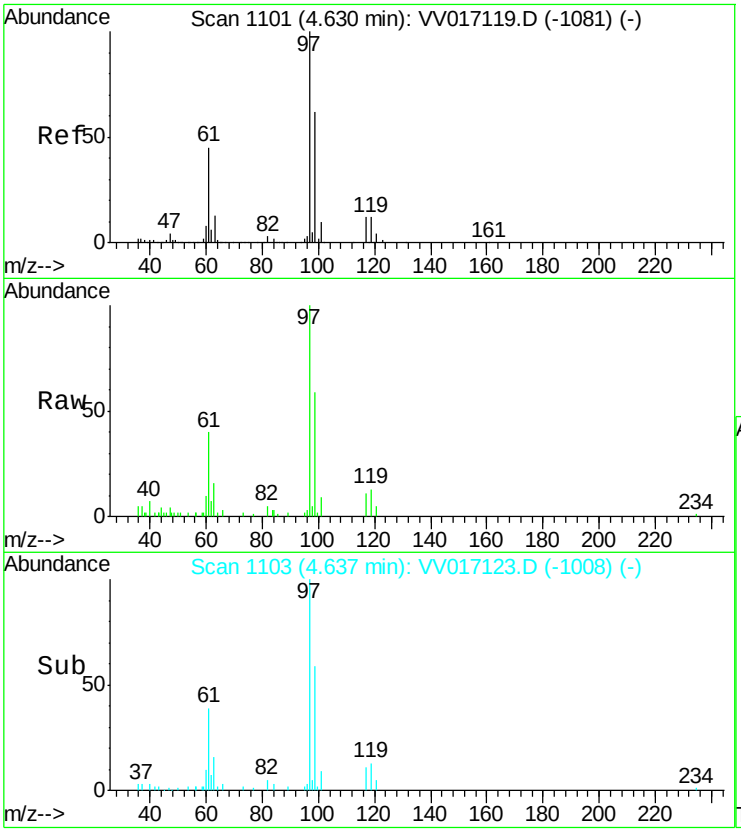


#27
1,2-Dichloroethane
Concen: 0.217 ug/L
RT: 5.17 min Scan# 1268
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion: 62 Resp: 2923

Ion	Ratio	Lower	Upper
62	100		
98	9.5	6.7	10.1



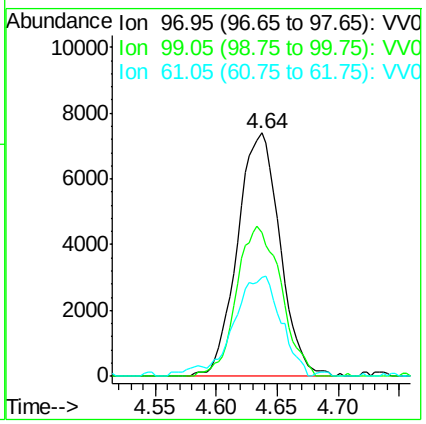


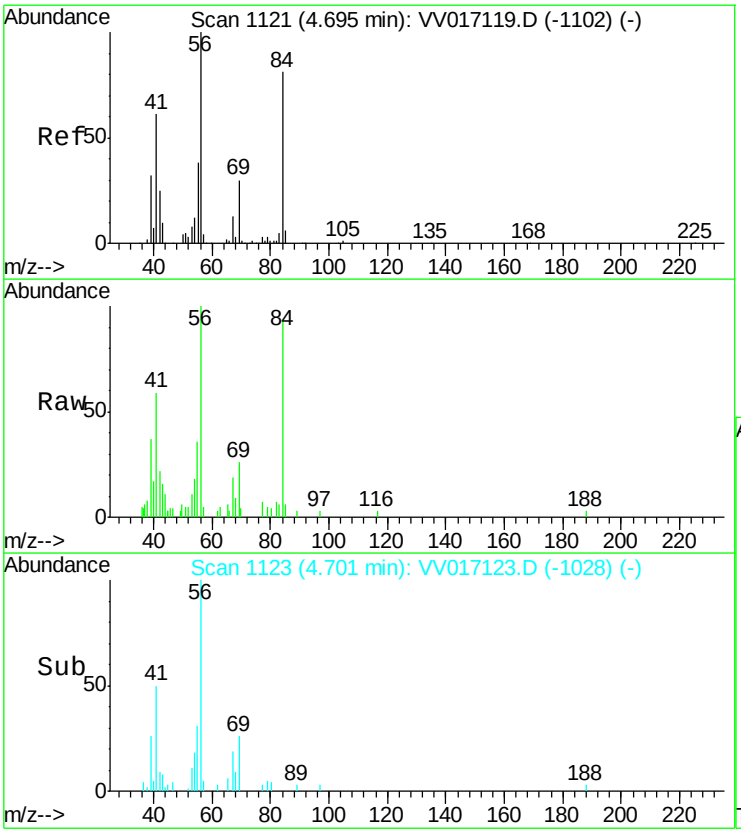
#29
1,1,1-Trichloroethane
Concen: 0.875 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Tgt Ion: 97 Resp: 17837

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.3	75.5
61	44.1	36.0	54.0

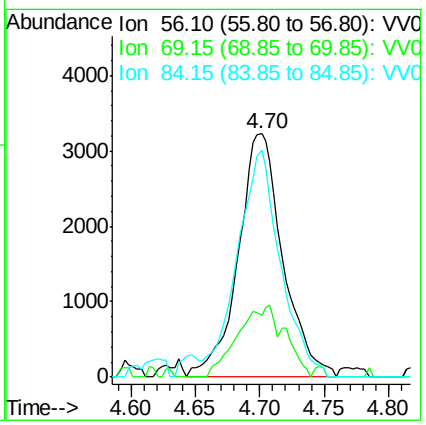


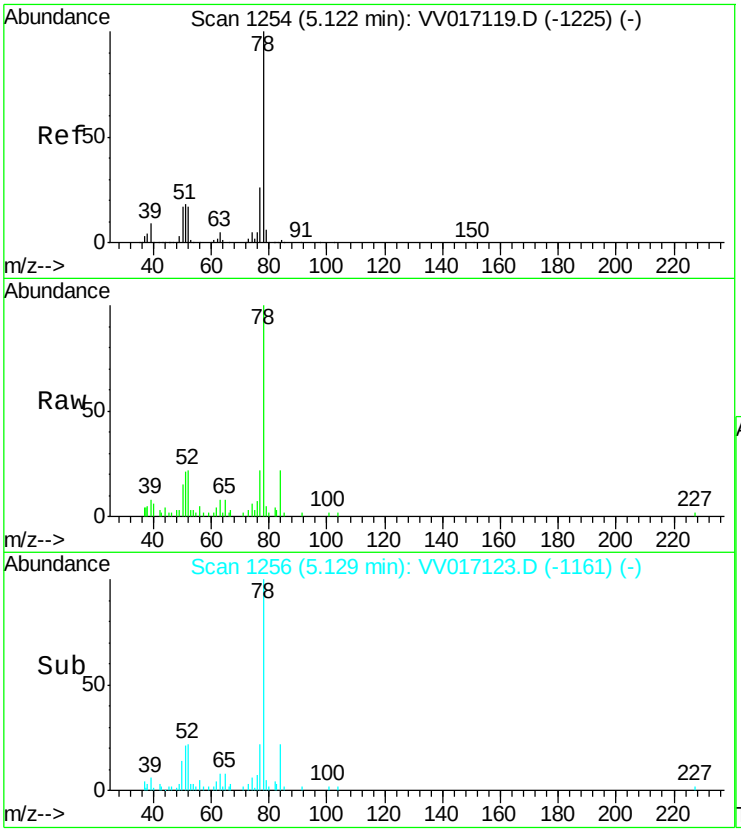


#30
Cyclohexane
Concen: 0.402 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion: 56 Resp: 7799

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.4	36.6
84	90.1	69.9	104.9

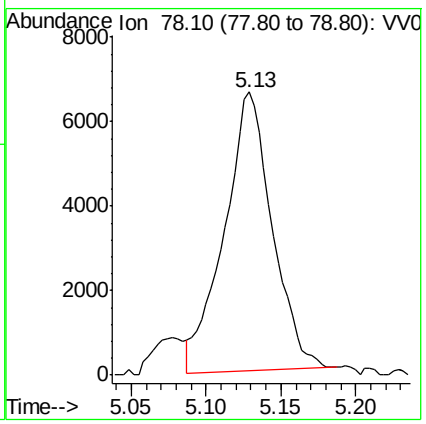


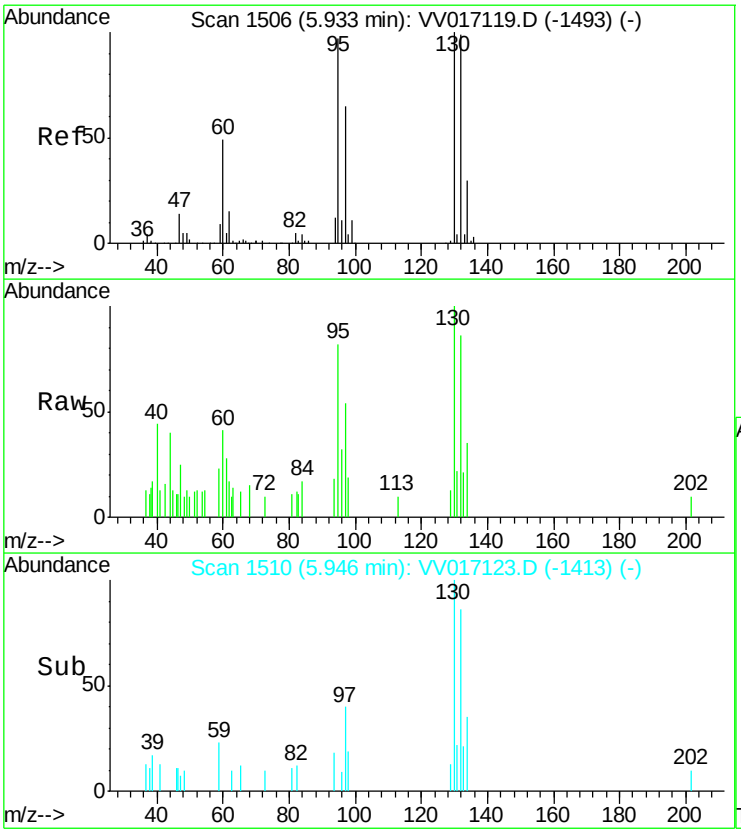


#33
Benzene
Concen: 0.330 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument :
MSVOA_V
ClientSampleId :
BFXK7DL

Tgt Ion: 78 Resp: 14719

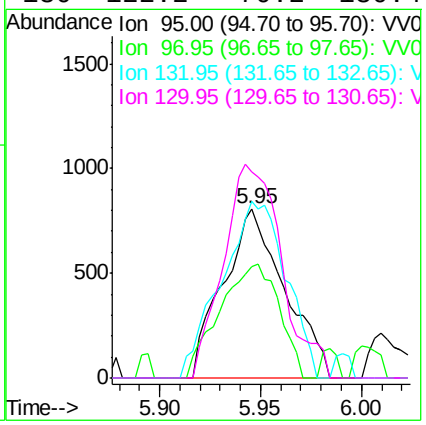


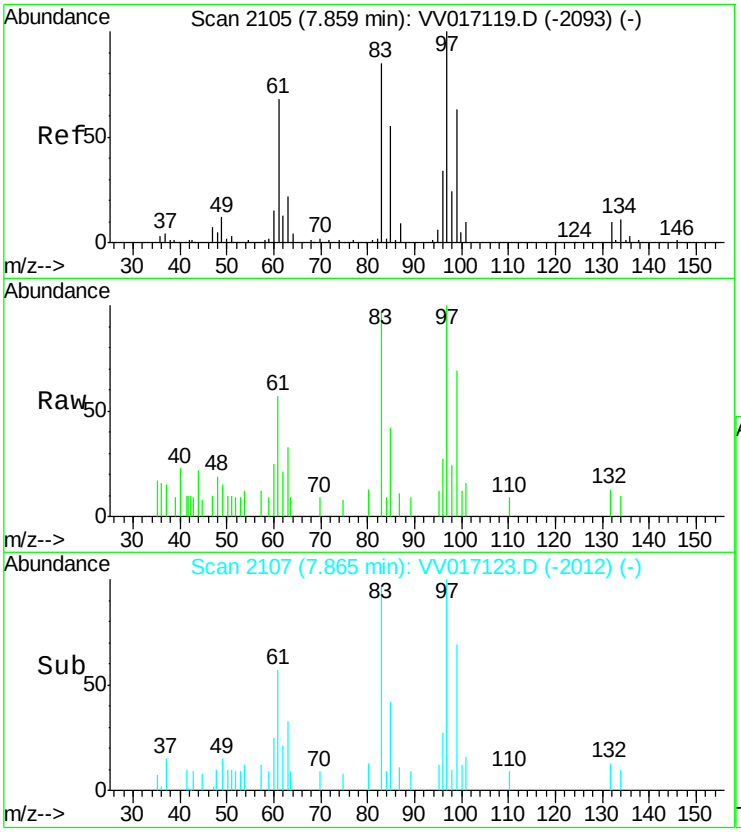


#34
Trichloroethene
Concen: 0.131 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion: 95 Resp: 1705

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.3	84.1
132	104.5	68.8	127.8
130	122.2	70.2	130.4



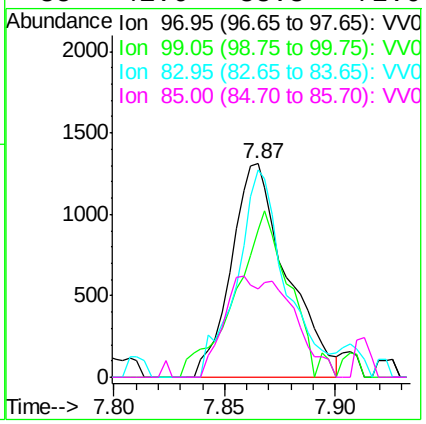


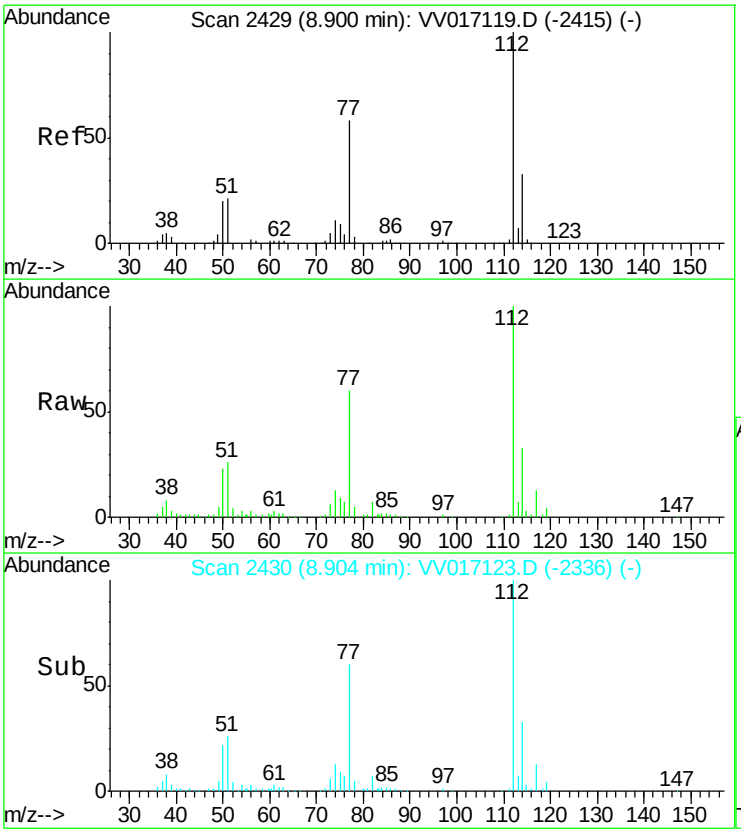
#47
1,1,2-Trichloroethane
Concen: 0.293 ug/L
RT: 7.87 min Scan# 2107
Delta R.T. 0.01 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument :
MSVOA_V
ClientSampleId :
BFXK7DL

Tgt Ion: 97 Resp: 2294

Ion	Ratio	Lower	Upper
97	100		
99	68.9	43.6	81.0
83	97.2	57.4	106.6
85	41.6	38.8	72.0

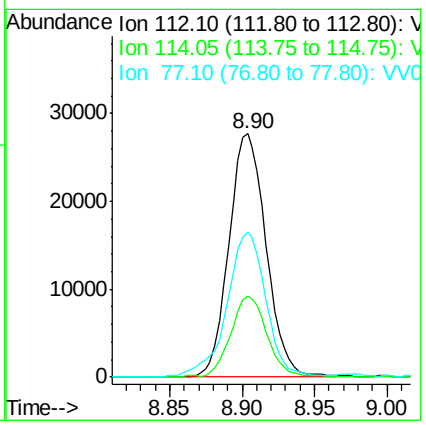


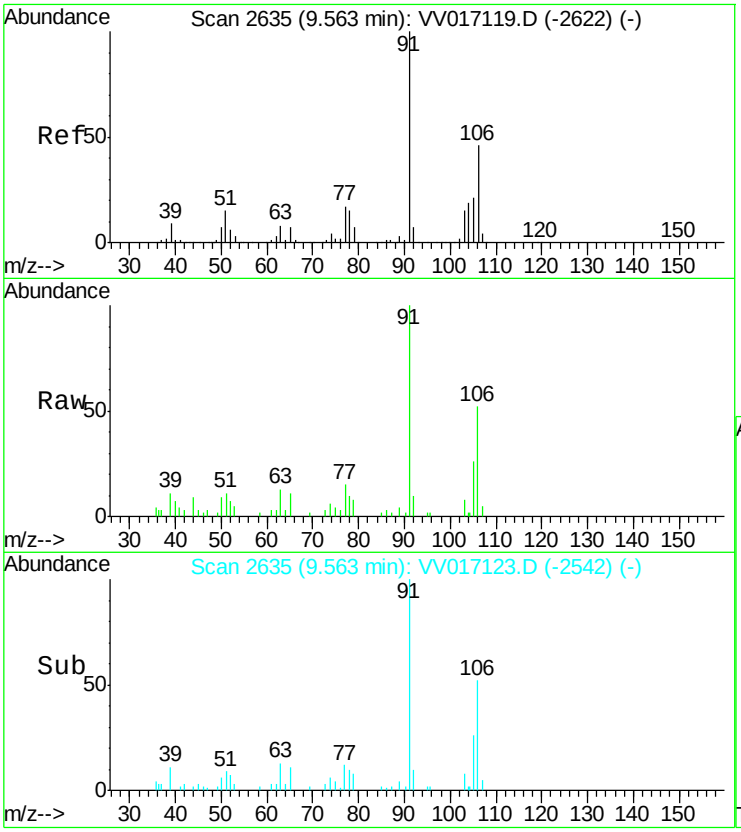


#53
Chlorobenzene
Concen: 1.529 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion:112 Resp: 49361

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.0	41.0
77	59.6	46.0	69.0



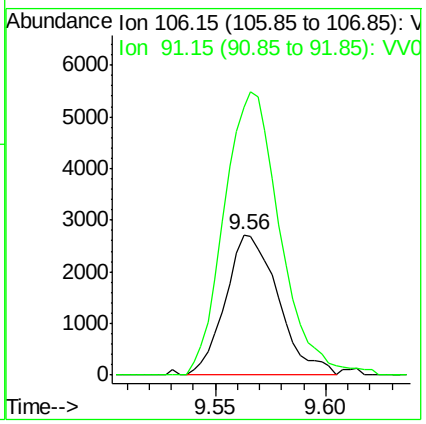


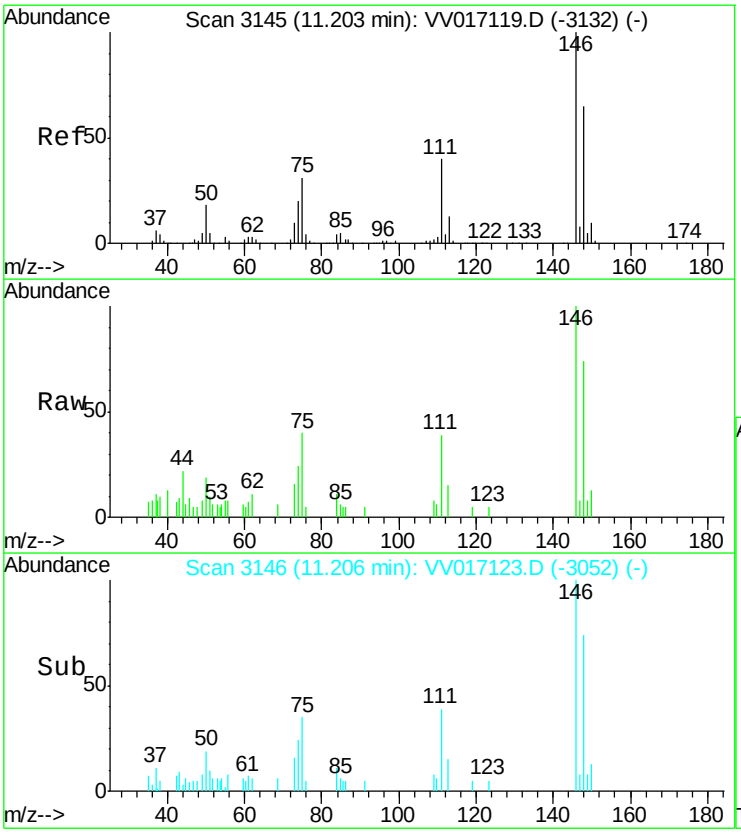
#56
o-xylene
Concen: 0.224 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument :
MSVOA_V
ClientSampleId :
BFXK7DL

Tgt Ion:106 Resp: 4530

Ion	Ratio	Lower	Upper
106	100		
91	190.5	153.6	285.2

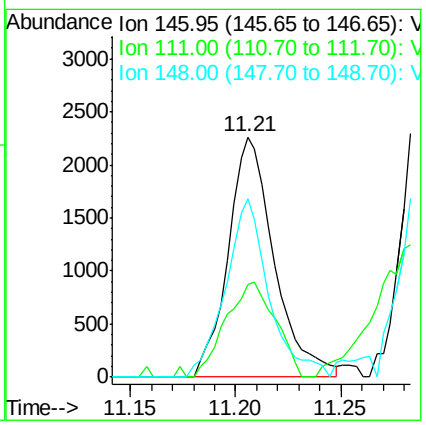


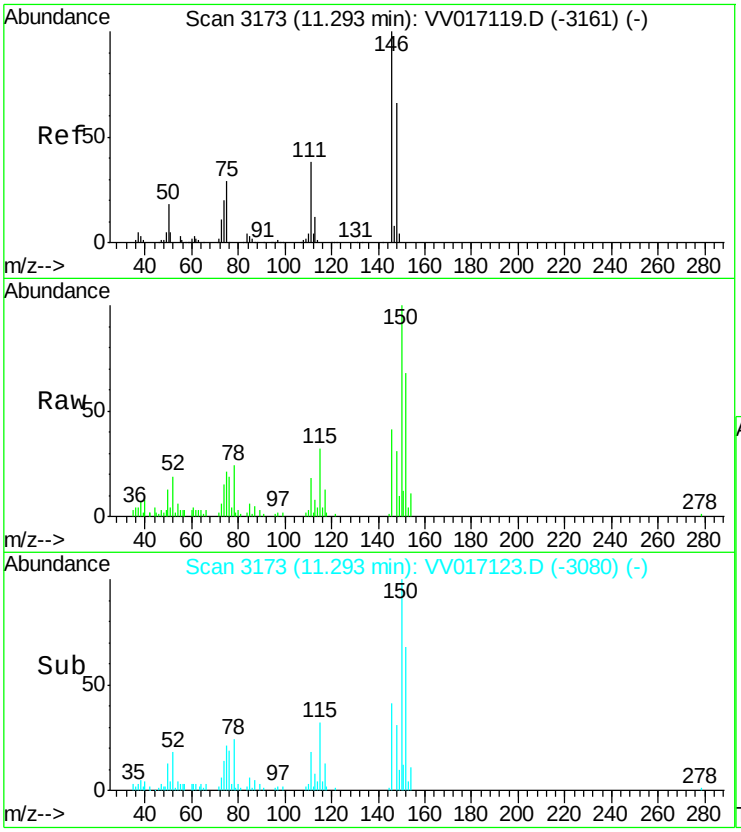


#63
1,3-Dichlorobenzene
Concen: 0.142 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion:146 Resp: 3433

Ion	Ratio	Lower	Upper
146	100		
111	38.8	29.2	54.2
148	74.3	44.9	83.5



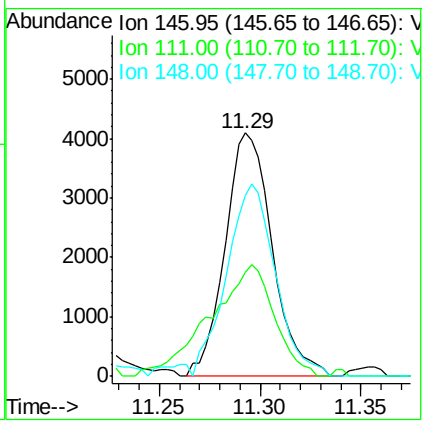


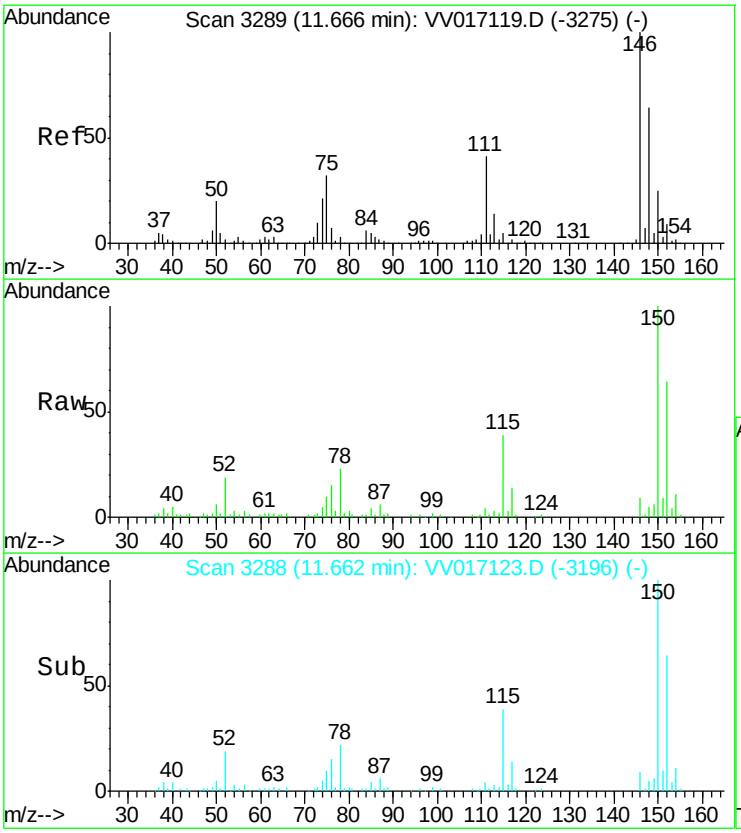
#64
1,4-Dichlorobenzene
Concen: 0.273 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Instrument : MSVOA_V
ClientSampleId : BFXK7DL

Tgt Ion:146 Resp: 6719

Ion	Ratio	Lower	Upper
146	100		
111	42.9	27.4	50.8
148	74.2	44.3	82.3





#66
1,2-Dichlorobenzene
Concen: 0.175 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. -0.00 min
Lab File: VV017123.D
Acq: 25 Jun 2020 13:35

Tgt Ion:146 Resp: 3838

Ion	Ratio	Lower	Upper
146	100		
111	50.9	34.4	51.6
148	60.6	49.9	74.9