Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017124.D
Acq On : 25 Jun 2020 13:59
Operator : SY/MD
Sample : L3105-05DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 26 02:55:37 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

Instrument : MSVOA_V
ClientSampleId : BFXK8DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175102	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	169458	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79007	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54724	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.58	69	42571	5.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.40%			
11) 1,1-Dichloroethene-d2	2.12	63	80256	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	3.95	46	133908	50.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.00%			
24) Chloroform-d	4.38	84	116415	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.06	65	63122	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
32) Benzene-d6	5.08	84	219587	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.10	67	64048	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.34	98	189117	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
45) trans-1,3-Dichloropropene-	7.64	79	25466	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
48) 2-Hexanone-d5	8.11	63	94256	45.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.26%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44081	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	74312	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	117389	10.217	ug/L	97
12) 1,1-Dichloroethene	2.13	96	3550	0.422	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2288	0.257	ug/L	98
19) 1,1-Dichloroethane	3.21	63	59406	2.969	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	64521	5.298	ug/L	94
27) 1,2-Dichloroethane	5.16	62	2825m	0.208	ug/L	
29) 1,1,1-Trichloroethane	4.63	97	16555	0.815	ug/L	96
30) Cyclohexane	4.69	56	7624	0.395	ug/L	96
33) Benzene	5.13	78	14223	0.320	ug/L	100
34) Trichloroethene	5.94	95	1588	0.122	ug/L	88
47) 1,1,2-Trichloroethane	7.87	97	2535	0.325	ug/L #	78
53) Chlorobenzene	8.90	112	45420	1.412	ug/L	95
56) o-xylene	9.56	106	3998	0.198	ug/L	98
63) 1,3-Dichlorobenzene	11.21	146	3474	0.146	ug/L #	85
64) 1,4-Dichlorobenzene	11.30	146	7319	0.303	ug/L	91
66) 1,2-Dichlorobenzene	11.67	146	3357	0.156	ug/L	93

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017124.D
Acq On : 25 Jun 2020 13:59
Operator : SY/MD
Sample : L3105-05DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 26 02:55:37 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

Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

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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 : VV017124.D
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Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
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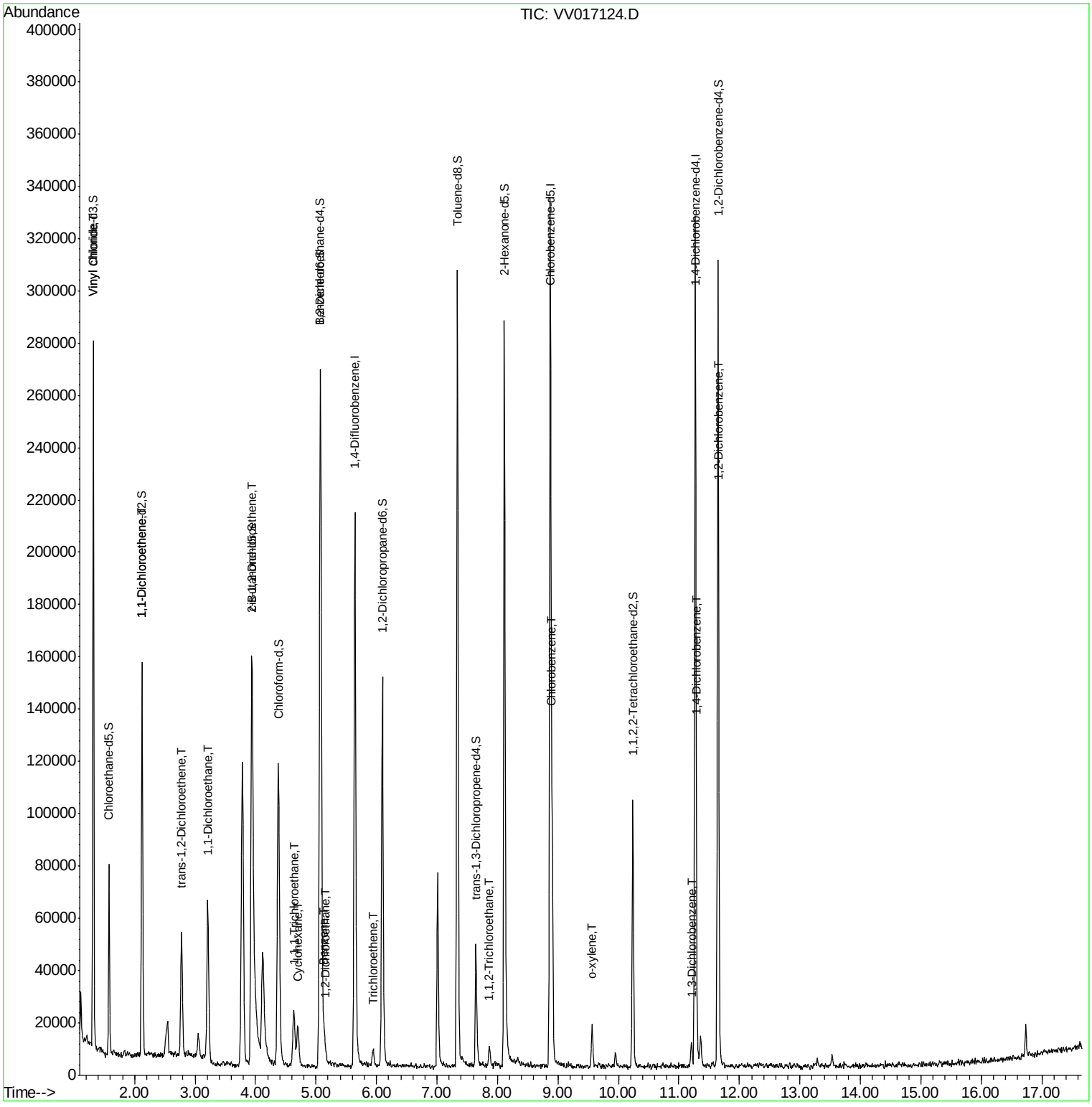

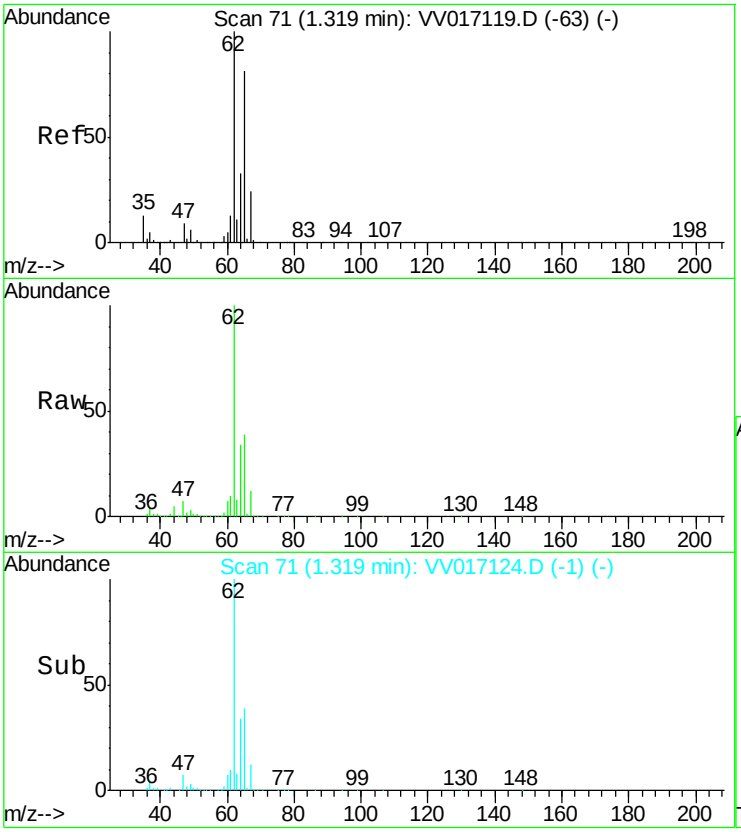

#5
Vinyl chloride
Concen: 10.217 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 62 Resp: 117389

Ion	Ratio	Lower	Upper
62	100		
64	33.6	22.5	41.7

Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
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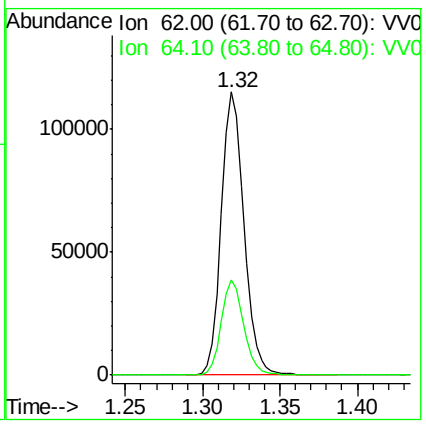
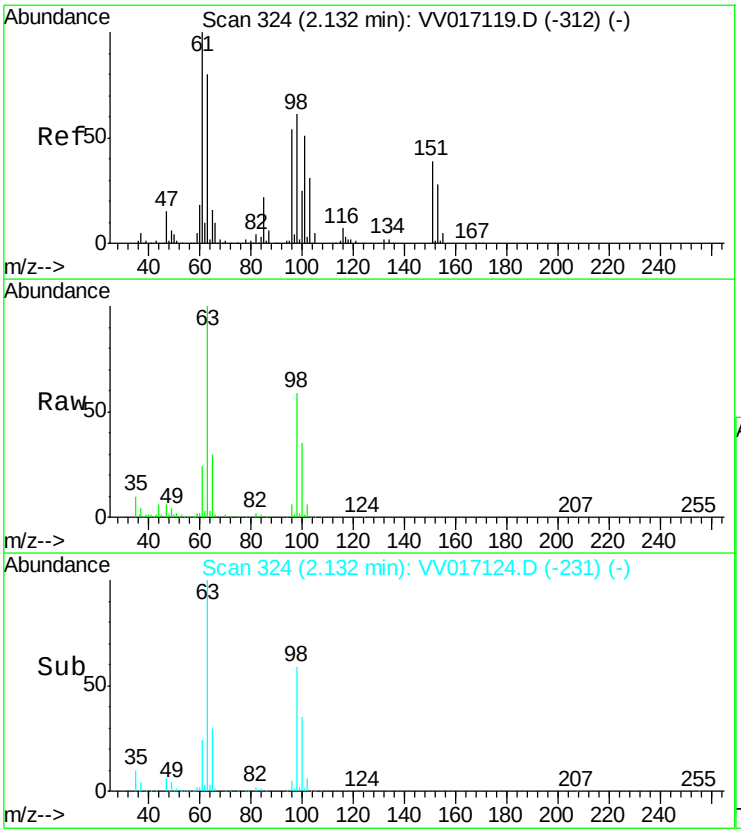
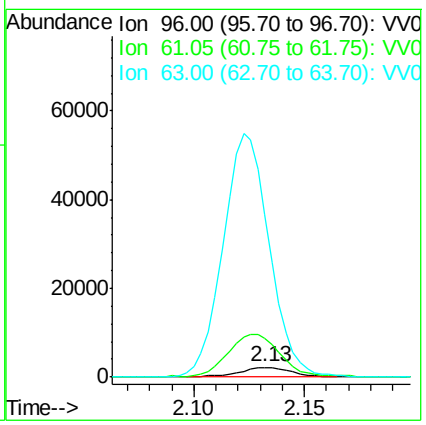


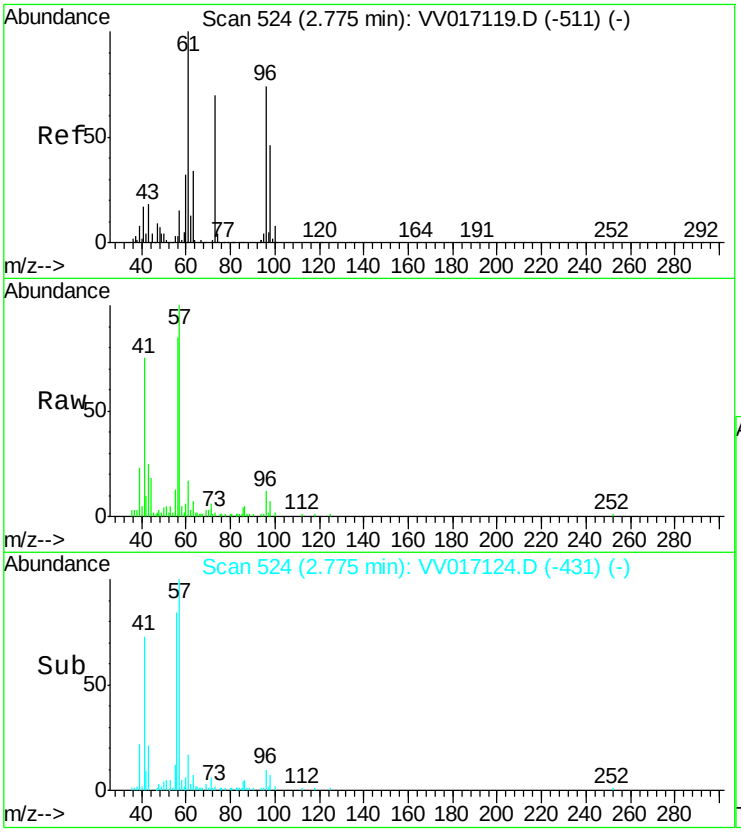


#12
1,1-Dichloroethene
Concen: 0.422 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 96 Resp: 3550

Ion	Ratio	Lower	Upper
96	100		
61	412.5	125.0	232.2#
63	1724.9	109.8	203.8#

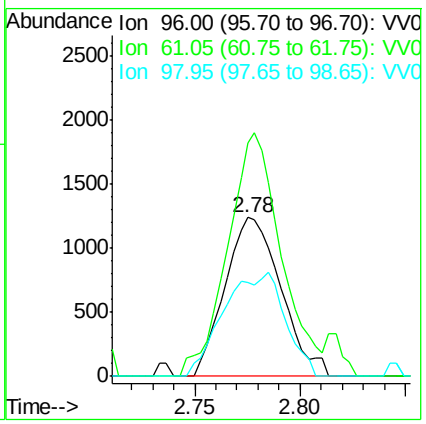




#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 96 Resp: 2288

Ion	Ratio	Lower	Upper
96	100		
61	146.7	102.3	189.9
98	59.3	44.7	82.9



Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

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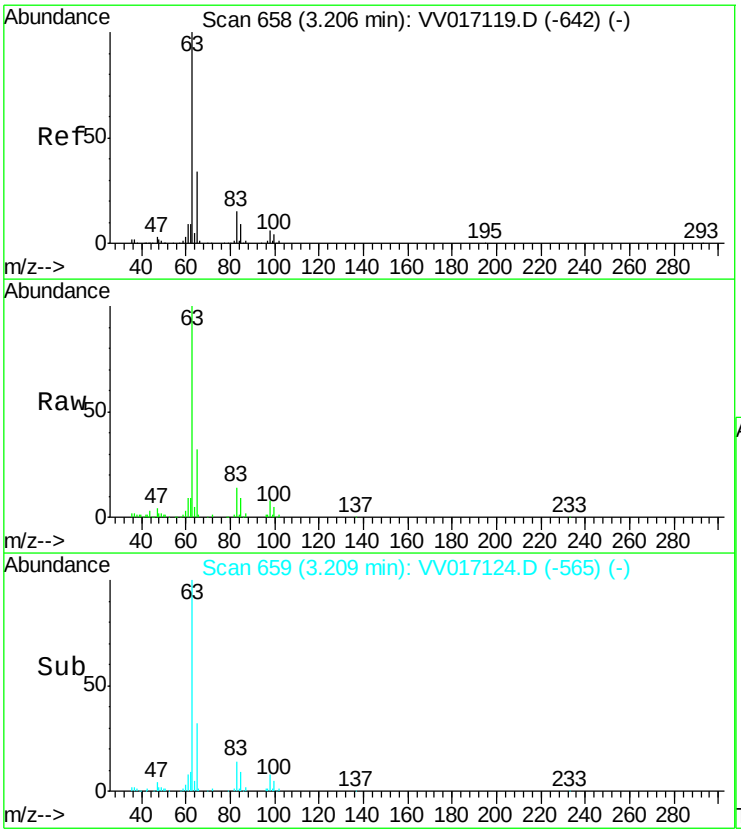
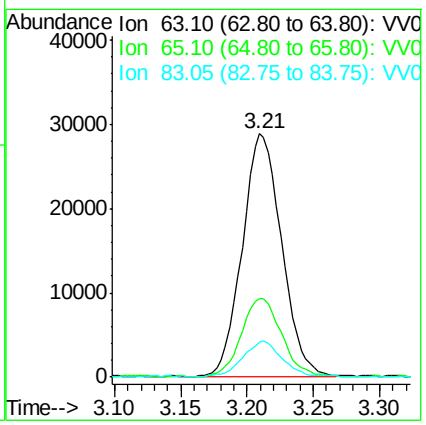
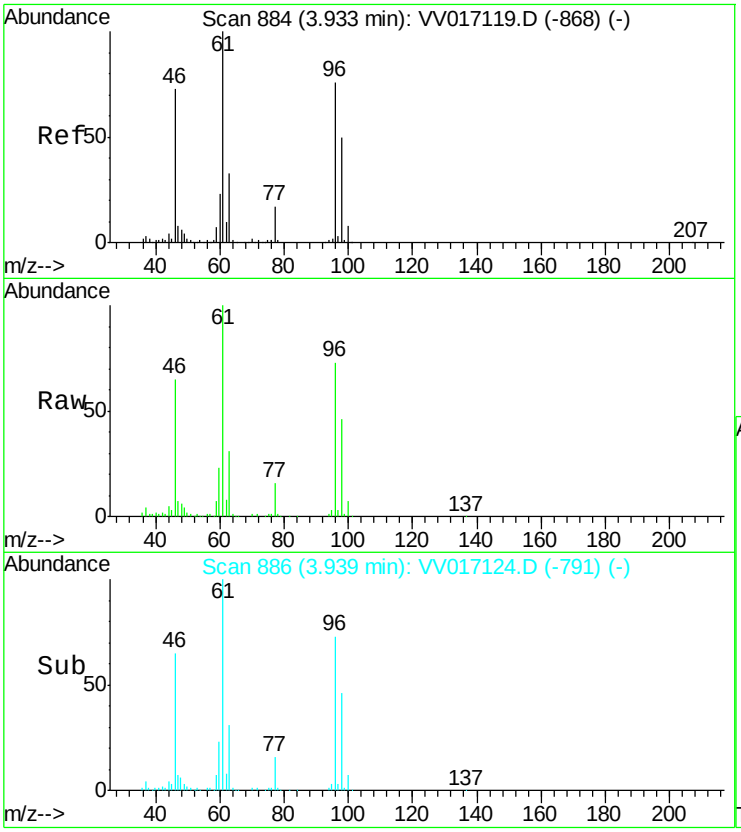


#19
1,1-Dichloroethane
Concen: 2.969 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 63 Resp: 59406

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.4
83	14.3	9.7	17.9

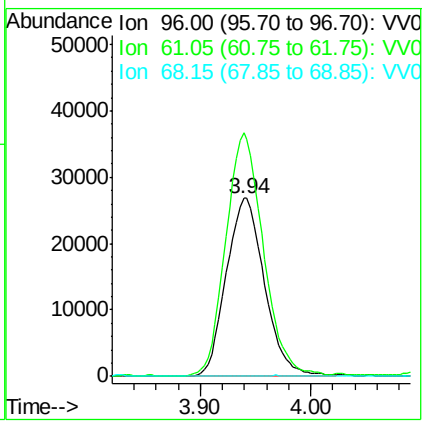




#22
cis-1,2-Dichloroethene
Concen: 5.298 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 96 Resp: 64521

Ion	Ratio	Lower	Upper
96	100		
61	136.7	91.0	169.0
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
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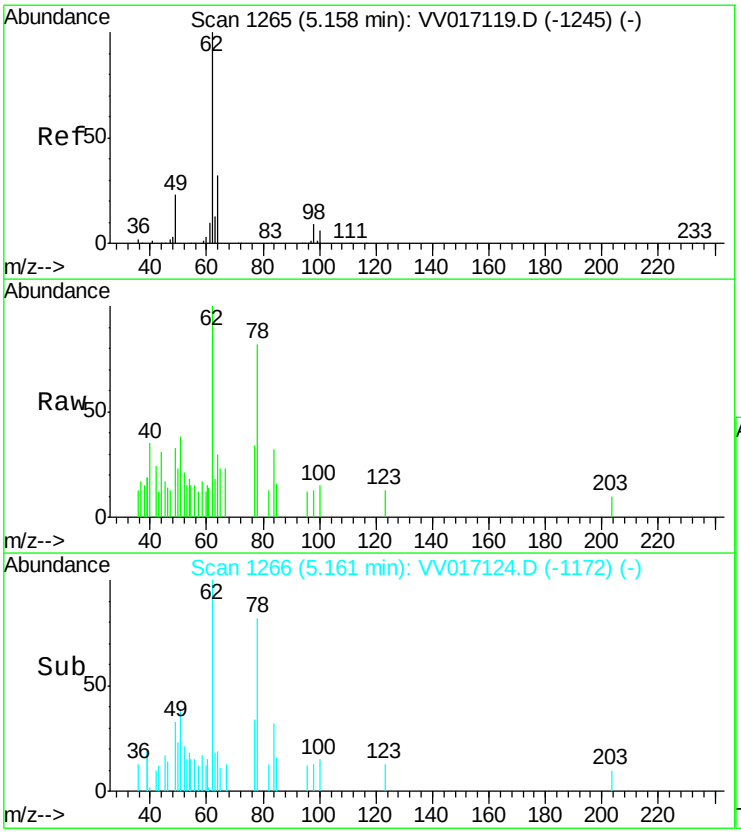
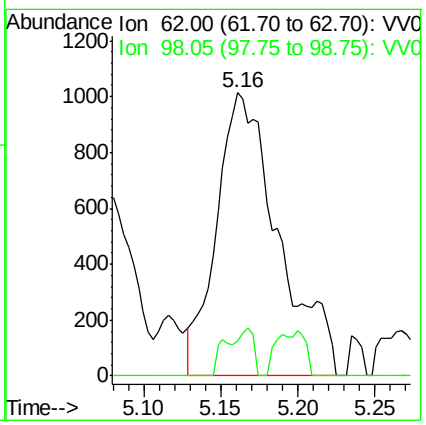
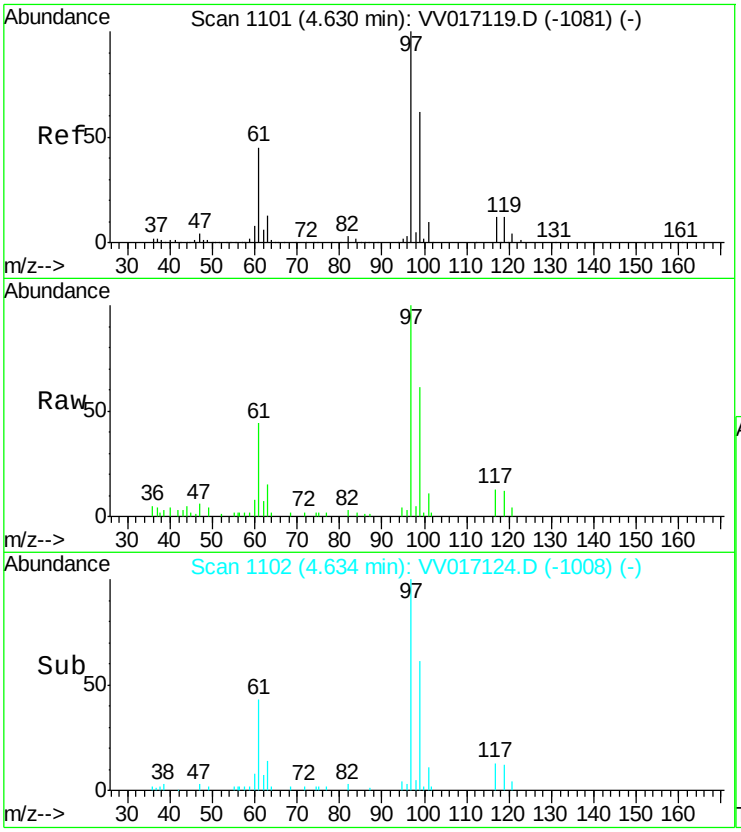


#27
1,2-Dichloroethane
Concen: 0.208 ug/L m
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 62 Resp: 2825

Ion	Ratio	Lower	Upper
62	100		
98	12.6	6.7	10.1#

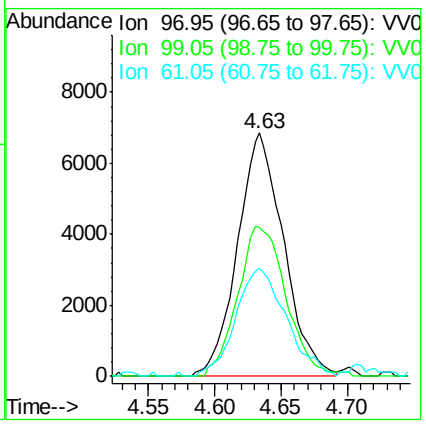




#29
1,1,1-Trichloroethane
Concen: 0.815 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 97 Resp: 16555

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.3	75.5
61	48.5	36.0	54.0



Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

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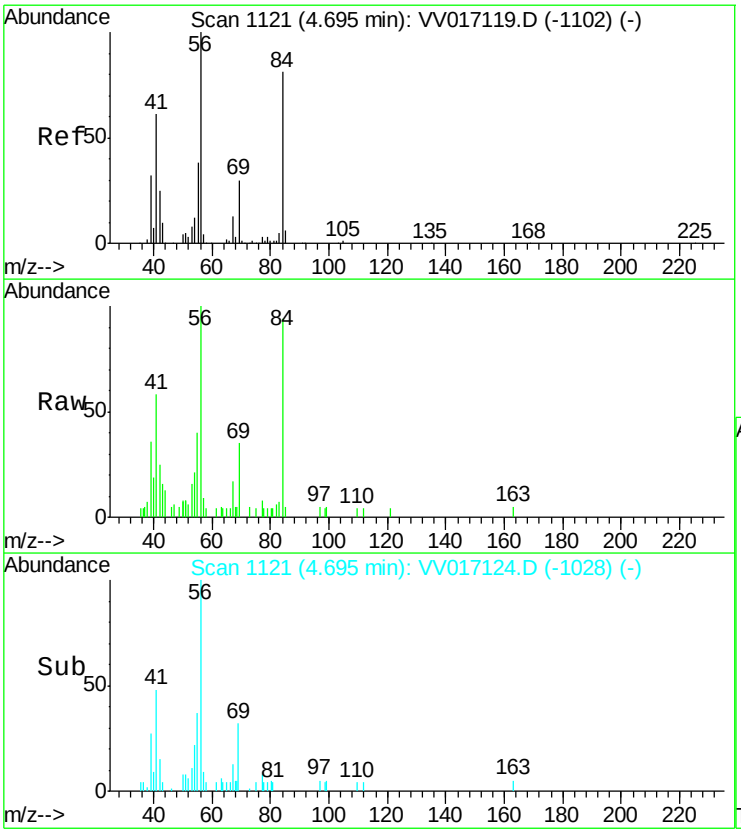
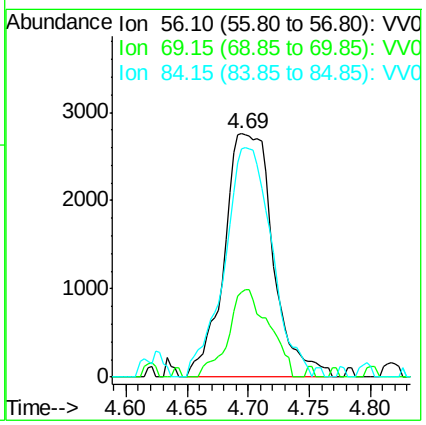
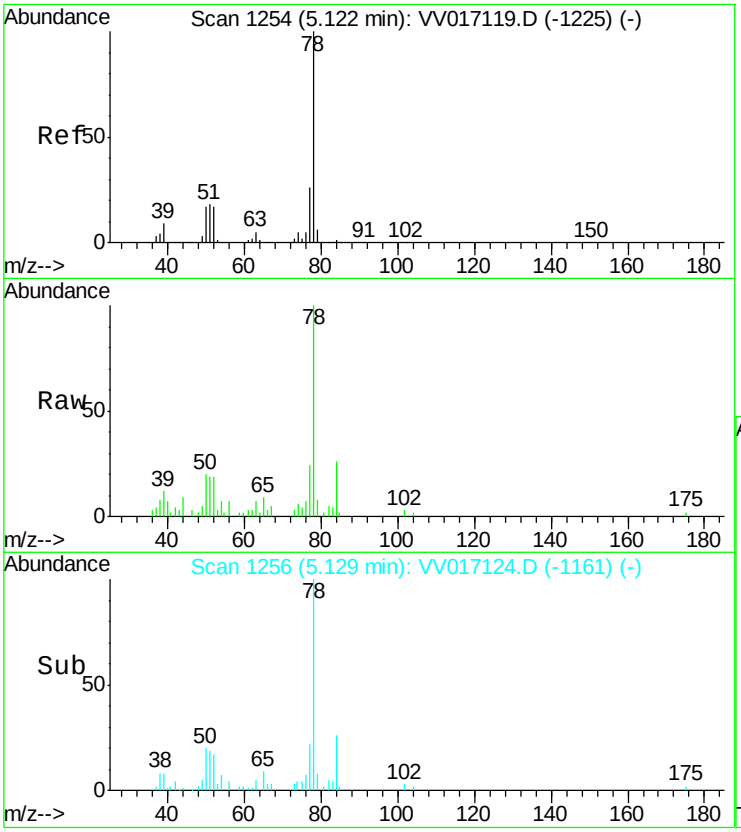


#30
Cyclohexane
Concen: 0.395 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 56 Resp: 7624

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.4	36.6
84	91.8	69.9	104.9





#33
Benzene
Concen: 0.320 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 78 Resp: 14223

Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
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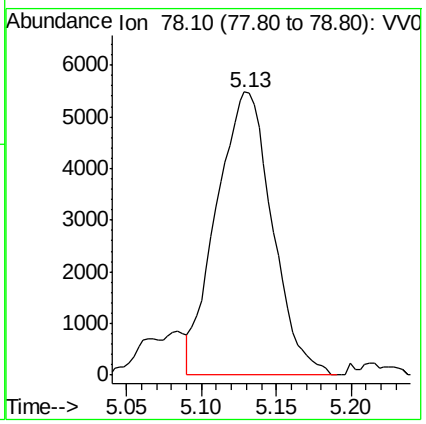
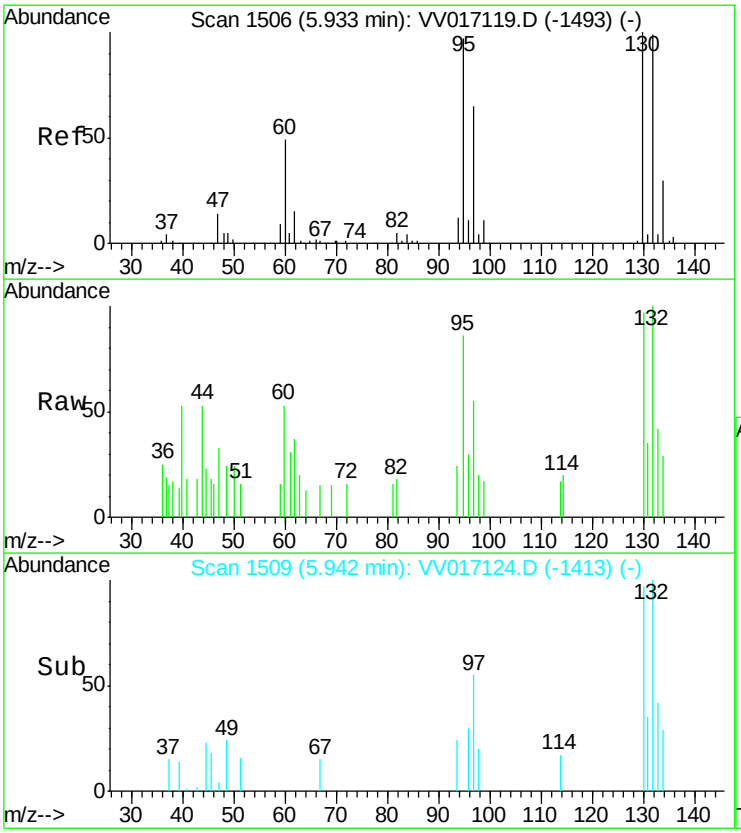
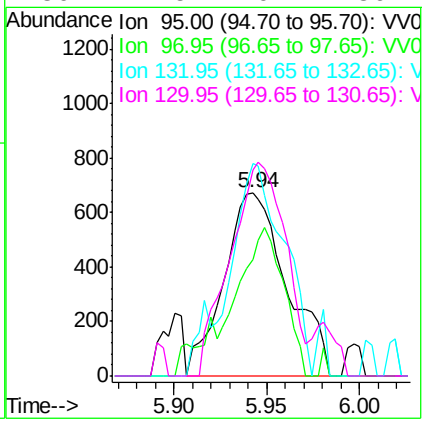


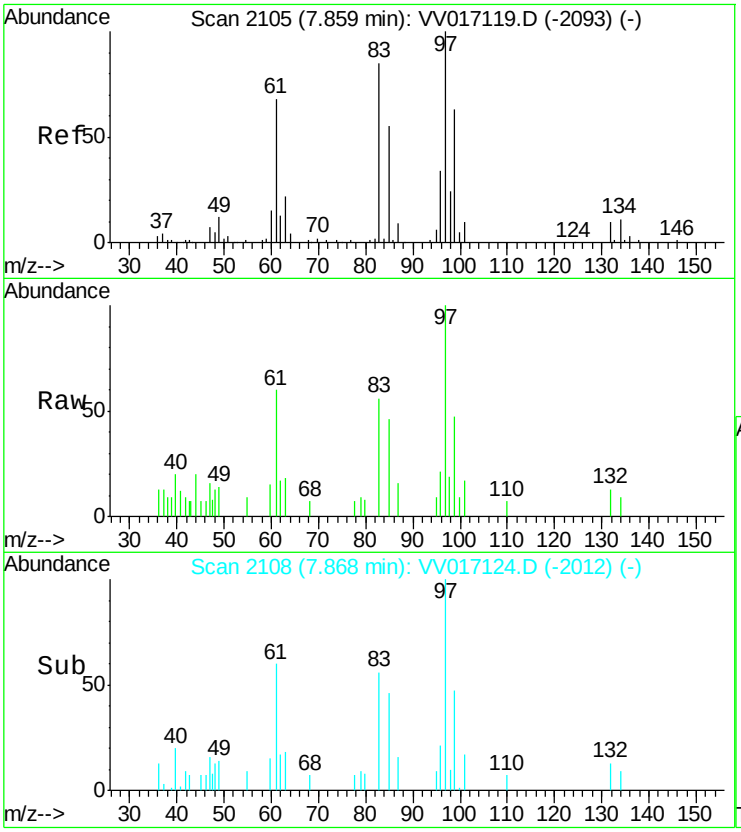


#34
Trichloroethene
Concen: 0.122 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 95 Resp: 1588

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	115.8	68.8	127.8
130	112.5	70.2	130.4

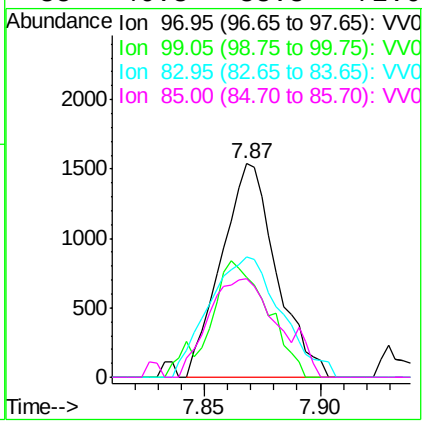




#47
1,1,2-Trichloroethane
Concen: 0.325 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion: 97 Resp: 2535

Ion	Ratio	Lower	Upper
97	100		
99	46.8	43.6	81.0
83	56.1	57.4	106.6#
85	46.3	38.8	72.0



Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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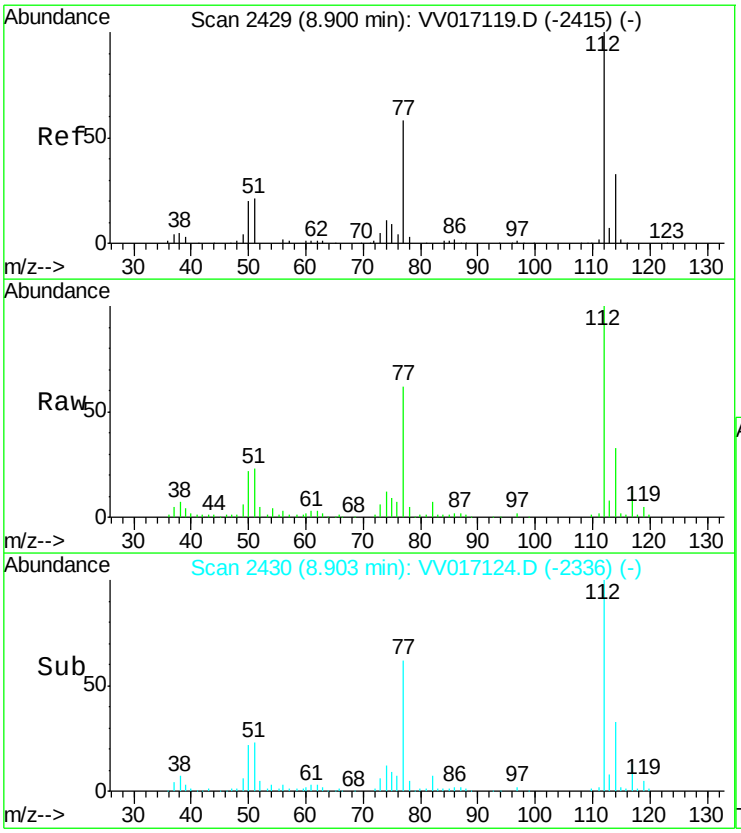
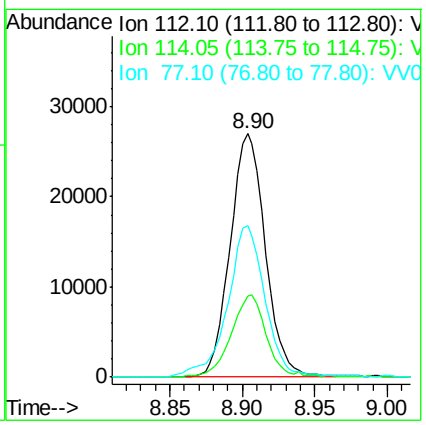
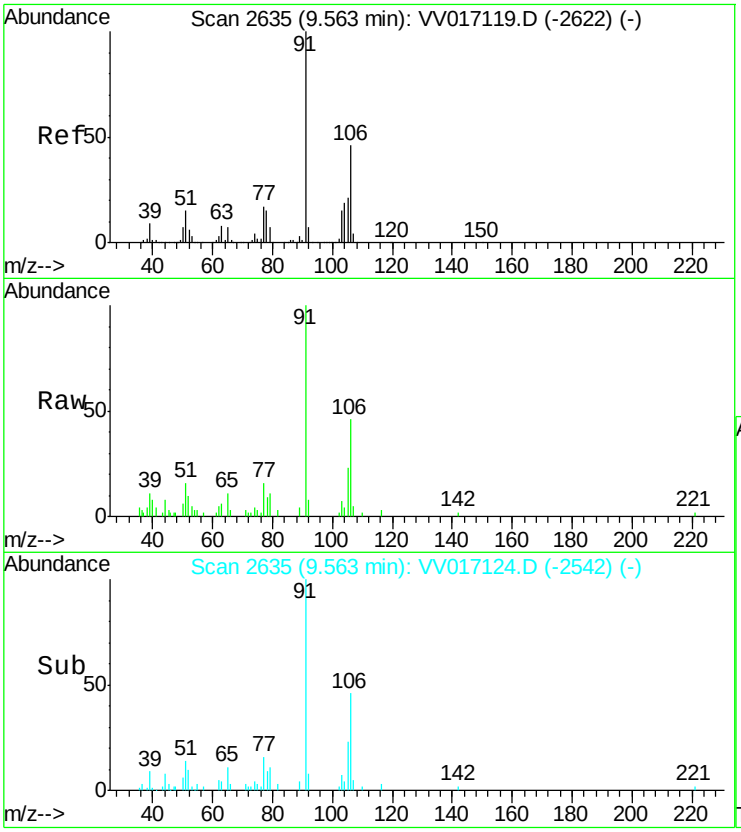


#53
Chlorobenzene
Concen: 1.412 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion:112 Resp: 45420

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.0	41.0
77	62.0	46.0	69.0





#56
o-xylene
Concen: 0.198 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion:106 Resp: 3998

Ion	Ratio	Lower	Upper
106	100		
91	216.4	153.6	285.2

Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
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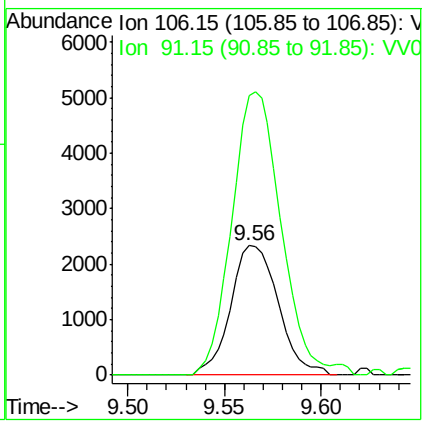
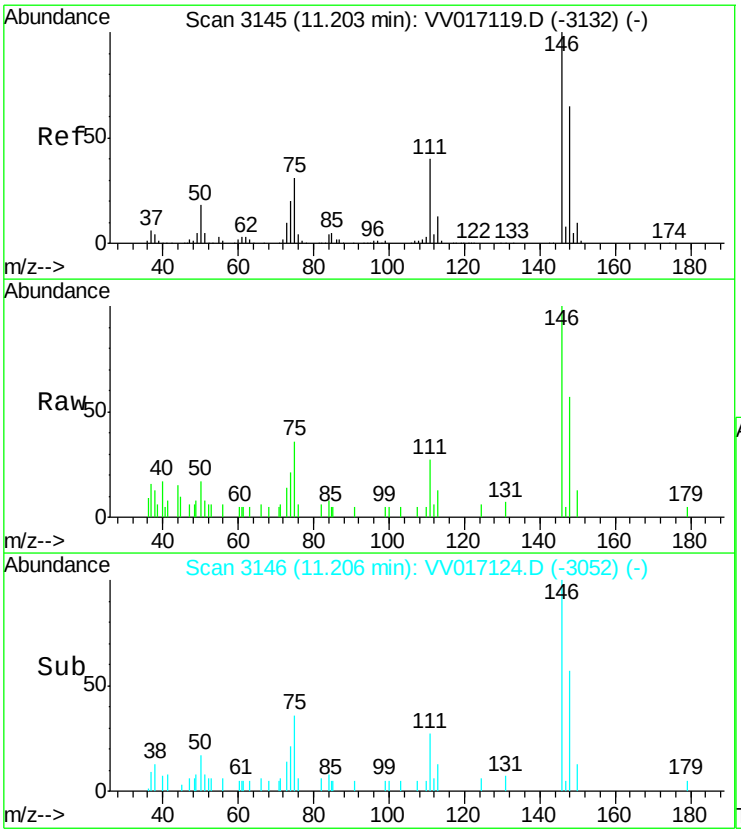
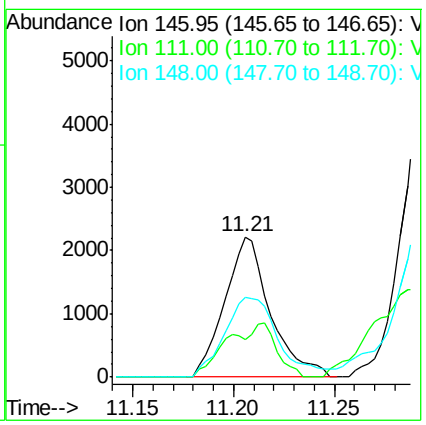


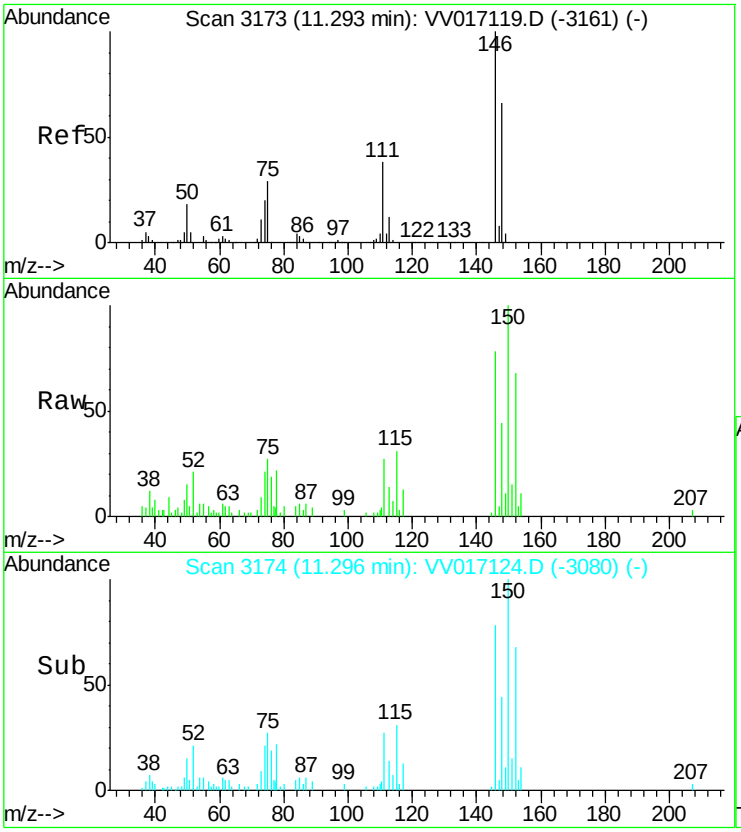


#63
1,3-Dichlorobenzene
Concen: 0.146 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion:146 Resp: 3474

Ion	Ratio	Lower	Upper
146	100		
111	27.1	29.2	54.2#
148	57.0	44.9	83.5

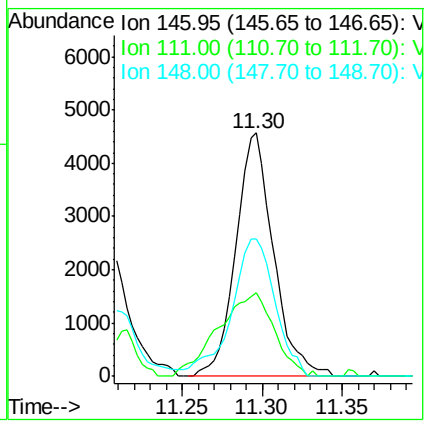




#64
1,4-Dichlorobenzene
Concen: 0.303 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

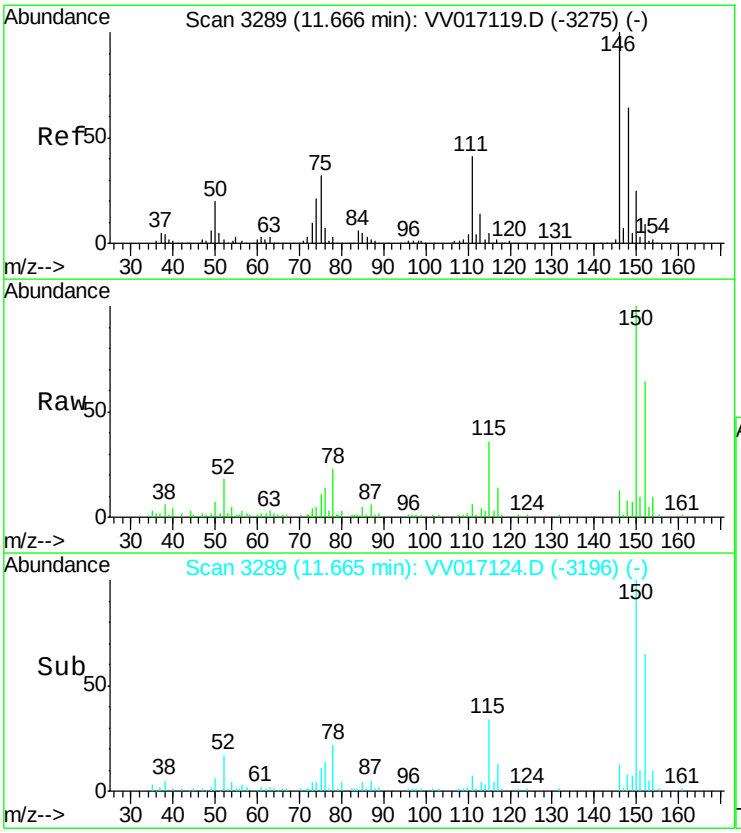
Tgt Ion:146 Resp: 7319

Ion	Ratio	Lower	Upper
146	100		
111	34.3	27.4	50.8
148	56.3	44.3	82.3



Instrument :
MSVOA_V
ClientSampleId :
BFXK8DL

Manual Integrations APPROVED
MMDadoda
6/26/2020 2:07:55 PM



#66
1,2-Dichlorobenzene
Concen: 0.156 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV017124.D
Acq: 25 Jun 2020 13:59

Tgt Ion:146 Resp: 3357

Ion	Ratio	Lower	Upper
146	100		
111	50.2	34.4	51.6
148	59.4	49.9	74.9