Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018796.D
Acq On : 09 Oct 2020 05:46
Operator : SY/MD
Sample : L4239-13 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
MMDadoda
10/12/2020 3:37:55 PM

Quant Time: Oct 09 09:01:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352818	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167054	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	134018	41.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.60%			
7) Chloroethane-d5	1.58	69	110969	43.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.12	63	202067	32.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.38%			
21) 2-Butanone-d5	3.90	46	197702	100.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.44%			
24) Chloroform-d	4.37	84	242573	42.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.78%			
26) 1,2-Dichloroethane-d4	5.05	65	174073	45.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.80%			
32) Benzene-d6	5.07	84	514274	51.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.82%			
36) 1,2-Dichloropropane-d6	6.09	67	161908	50.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.24%			
41) Toluene-d8	7.34	98	415612	47.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.52%			
43) trans-1,3-Dichloropropene-	7.64	79	70953	44.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.86%			
47) 2-Hexanone-d5	8.11	63	110502	97.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.59%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168162	45.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.50%			
64) 1,2-Dichlorobenzene-d4	11.65	152	190085	51.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.82%			
Target Compounds						Qvalue
13) Acetone	2.18	43	9574	5.836	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	5216m	1.915	ug/L	
29) Cyclohexane	4.70	56	136077	36.499	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	70798	17.255	ug/L	99
42) Toluene	7.41	91	1529534	152.465	ug/L	98
46) Tetrachloroethene	8.00	164	1554	0.754	ug/L	83
51) Chlorobenzene	8.90	112	10343	1.553	ug/L	99
52) Ethylbenzene	9.03	91	142079	12.472	ug/L	99
53) m,p-Xylene	9.16	106	181717	43.455	ug/L	99
54) o-xylene	9.56	106	75995	19.134	ug/L	98
56) Isopropylbenzene	9.95	105	79137	7.201	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	8283	1.521	ug/L	93
63) 1,4-Dichlorobenzene	11.29	146	12020	2.122	ug/L	92
65) 1,2-Dichlorobenzene	11.67	146	17559	3.211	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	72093	21.733	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	32282	9.803	ug/L	99

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018796.D
Acq On : 09 Oct 2020 05:46
Operator : SY/MD
Sample : L4239-13 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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Quant Time: Oct 09 09:01:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 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\VV100920\
Data File : VV018796.D
Acq On : 09 Oct 2020 05:46
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Sample : L4239-13 10X
Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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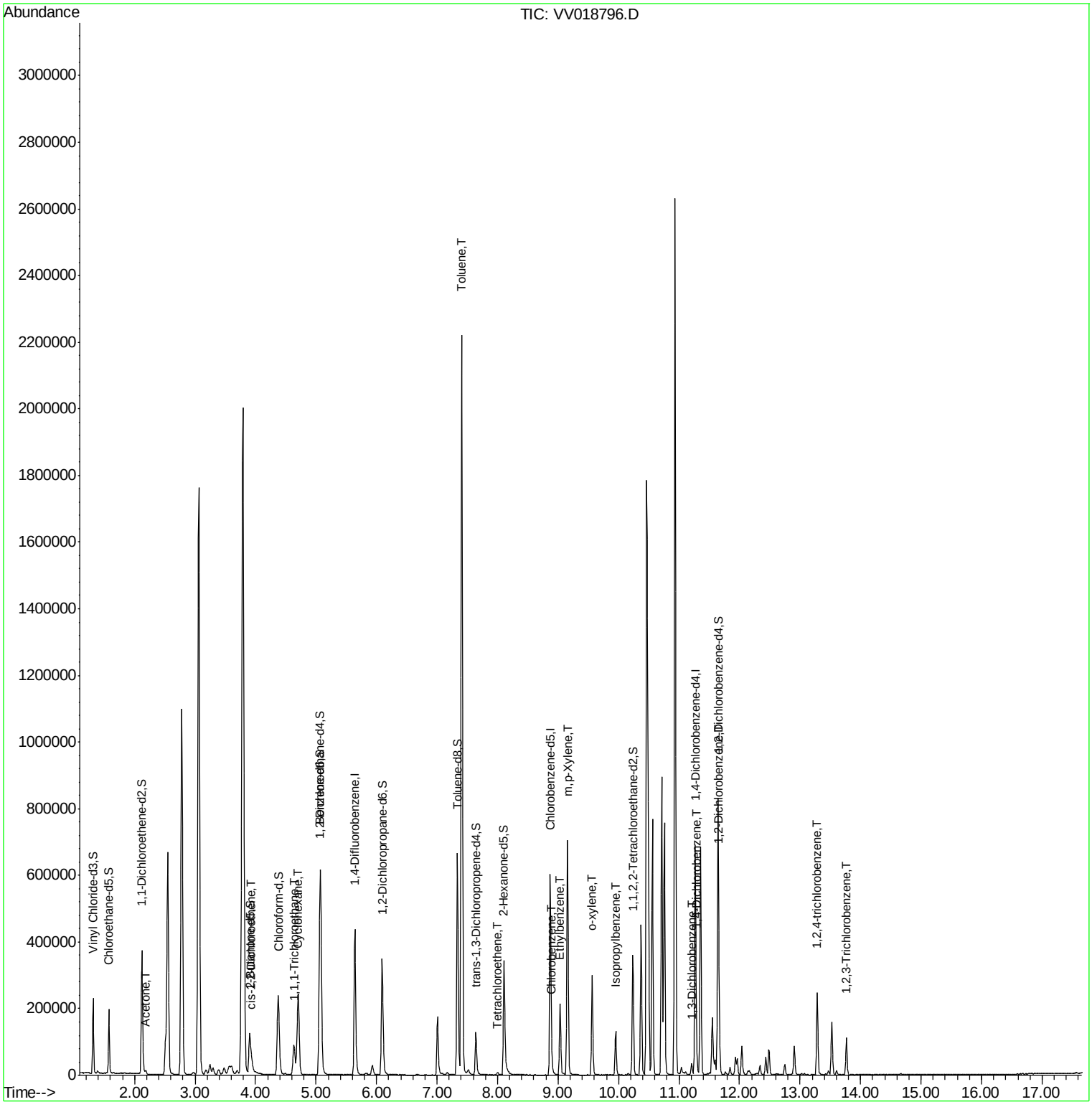

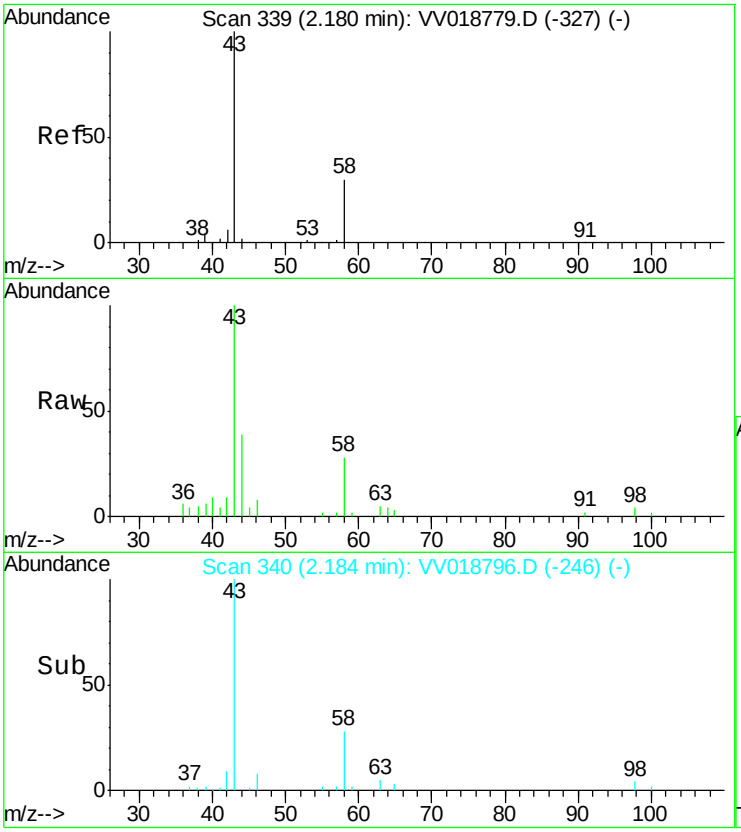

#13
Acetone
Concen: 5.836 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 43 Resp: 9574

Ion	Ratio	Lower	Upper
43	100		
58	34.0	0.0	61.0

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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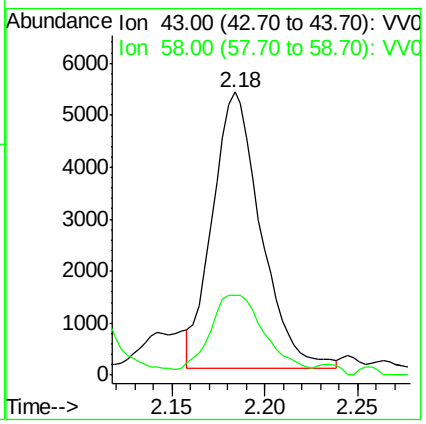
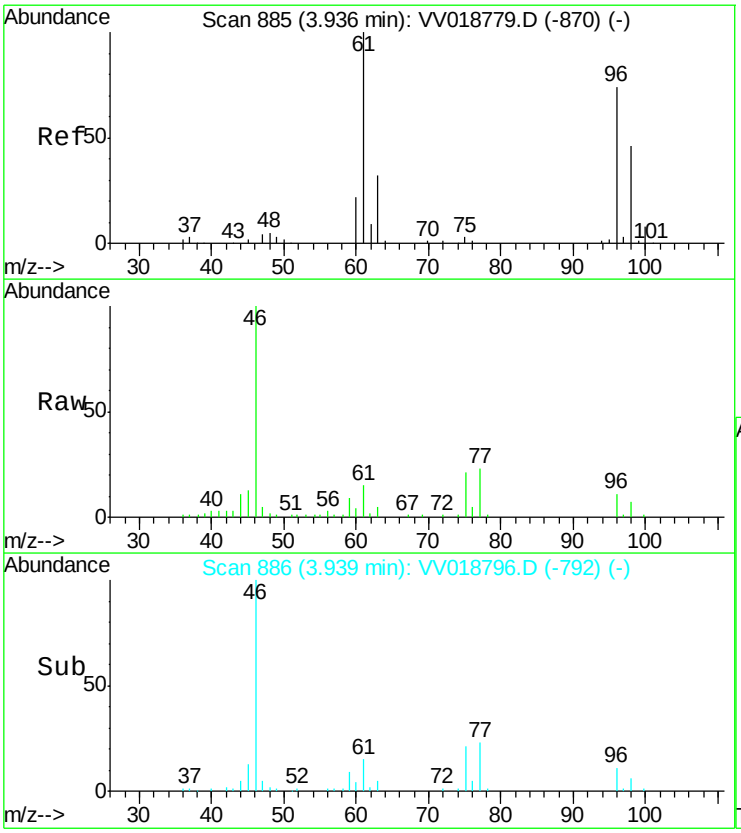
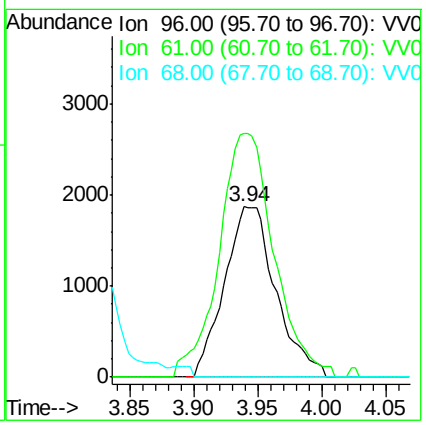


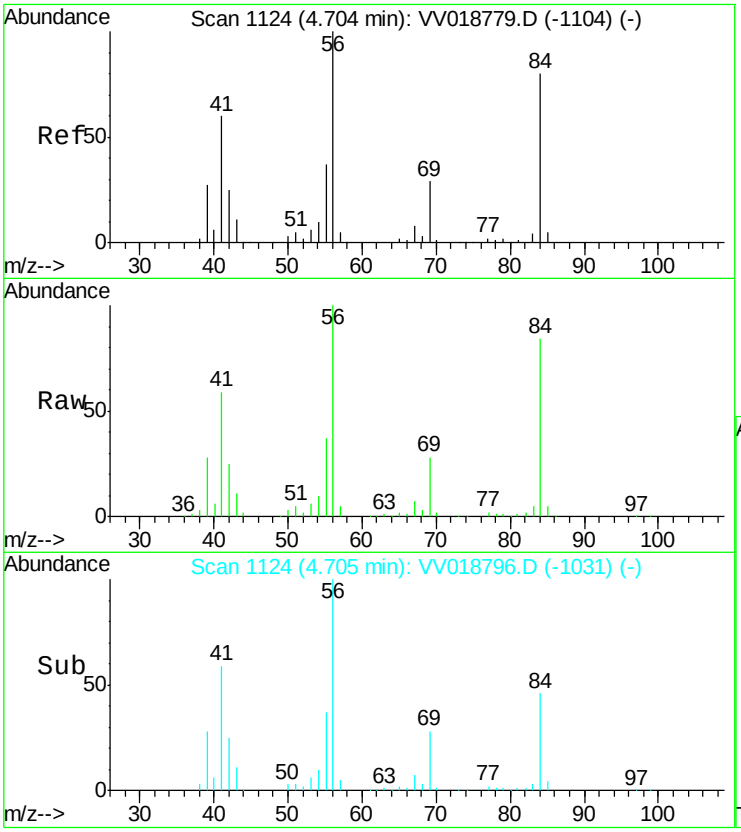


#20
cis-1,2-Dichloroethene
Concen: 1.915 ug/L m
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 96 Resp: 5216

Ion	Ratio	Lower	Upper
96	100		
61	143.1	97.3	180.7
68	0.0	0.0	0.0

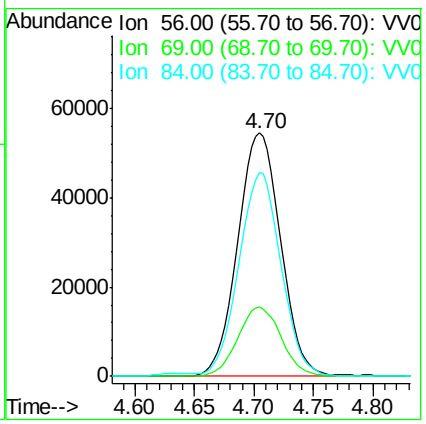




#29
Cyclohexane
Concen: 36.499 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 56 Resp: 136077

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.1	34.7
84	81.5	65.2	97.8



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

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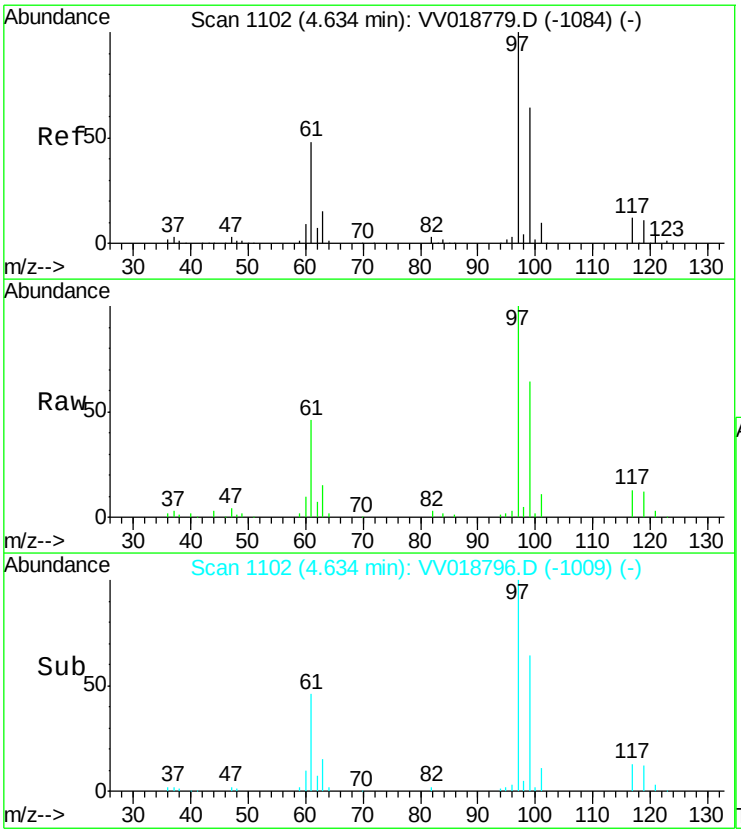
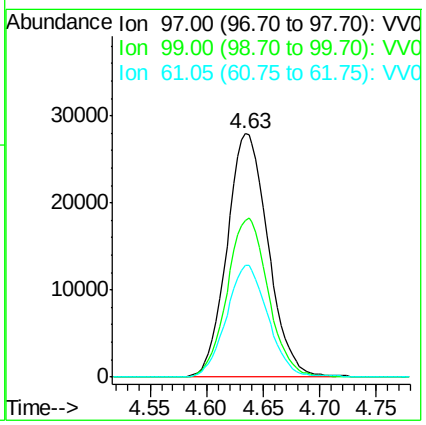
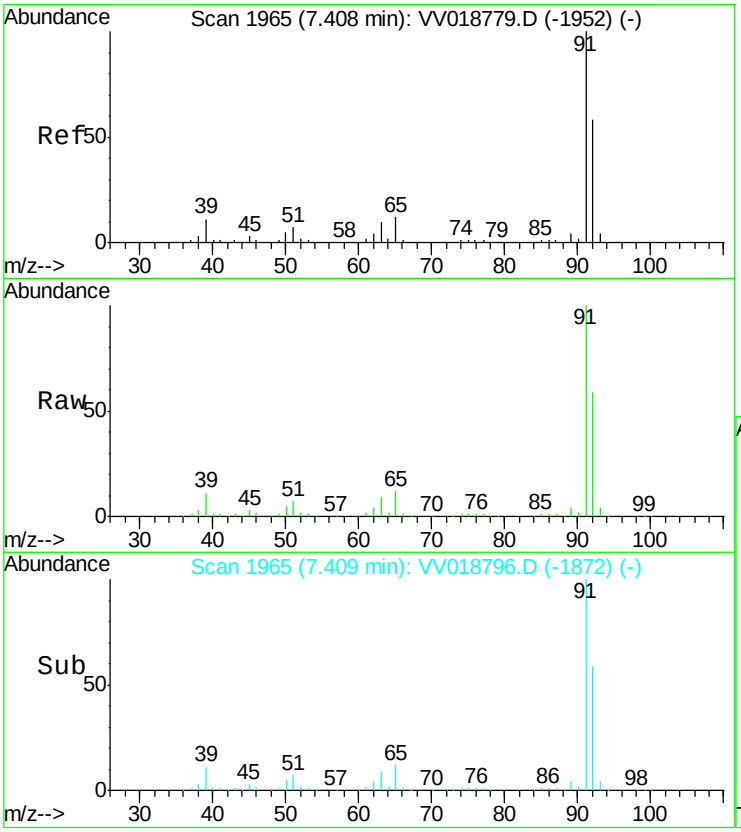


#30
1,1,1-Trichloroethane
Concen: 17.255 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 97 Resp: 70798

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	46.2	37.0	55.4

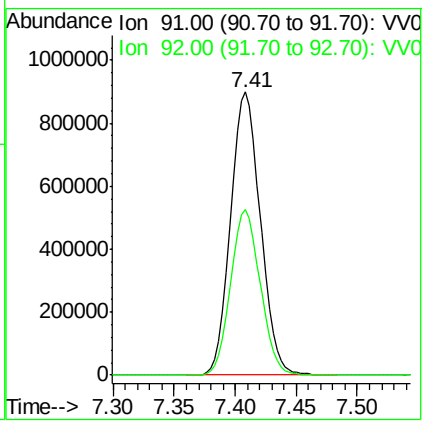




#42
Toluene
Concen: 152.465 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 91 Resp: 1529534

Ion	Ratio	Lower	Upper
91	100		
92	58.7	39.8	74.0



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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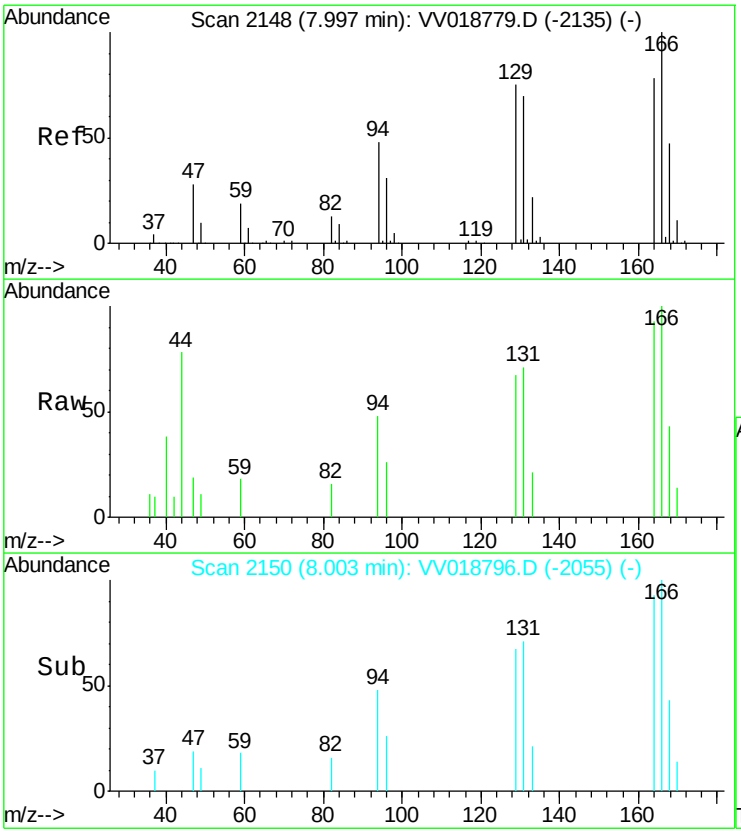
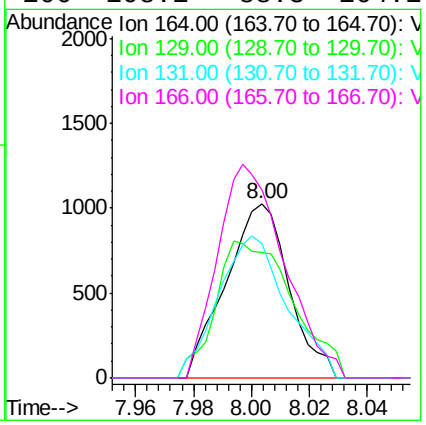
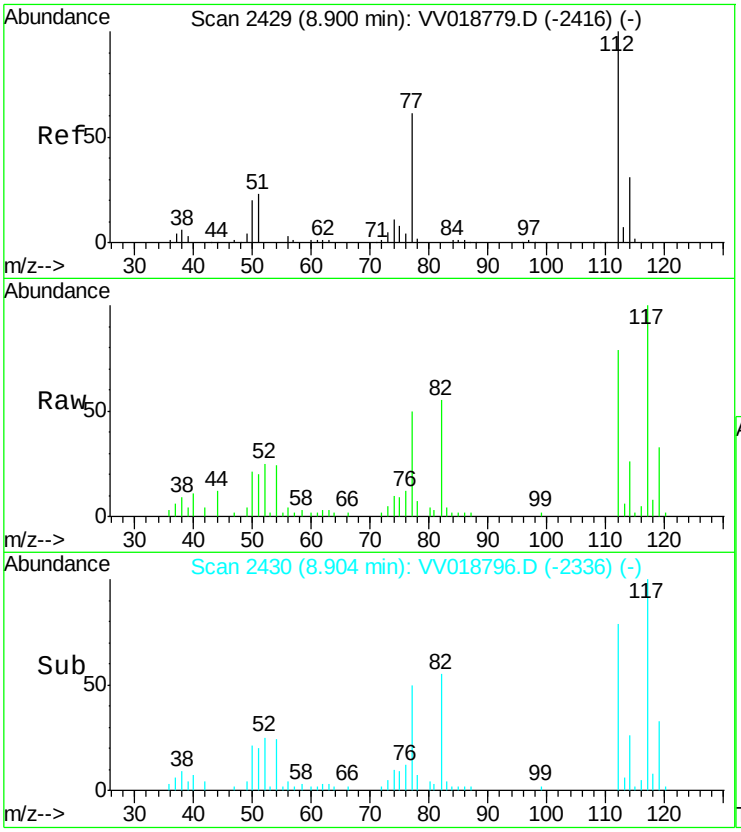


#46
Tetrachloroethene
Concen: 0.754 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:164 Resp: 1554

Ion	Ratio	Lower	Upper
164	100		
129	72.0	64.6	120.0
131	76.8	63.6	118.0
166	108.1	88.3	164.1

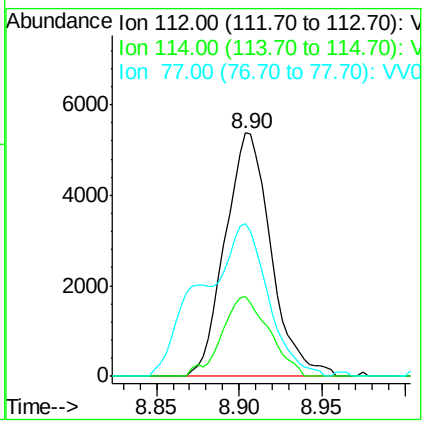




#51
Chlorobenzene
Concen: 1.553 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:112 Resp: 10343

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.0	41.0
77	62.7	49.8	74.6



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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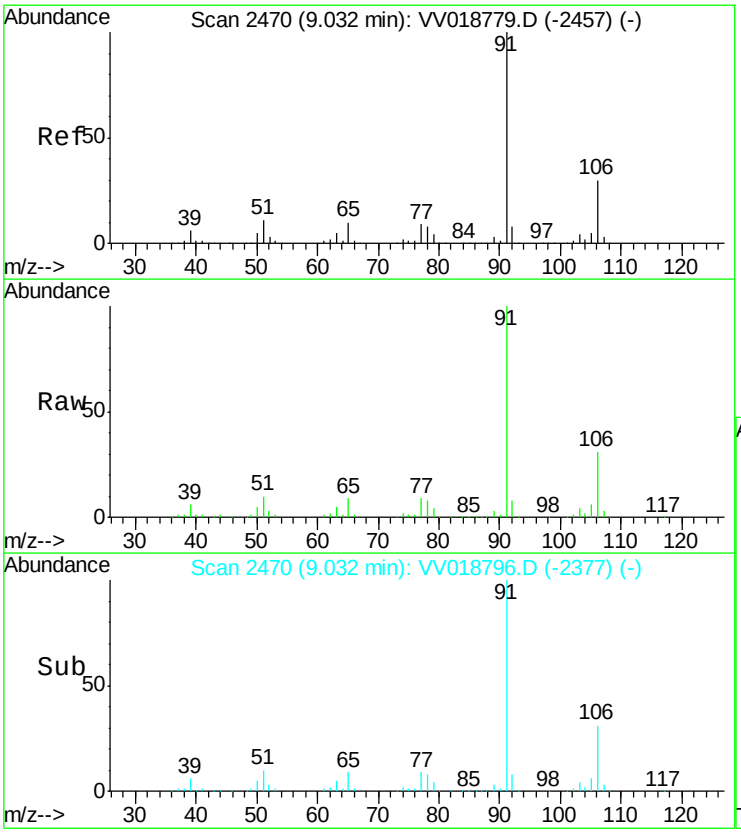
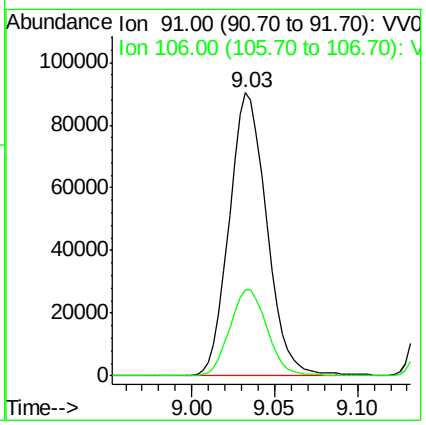
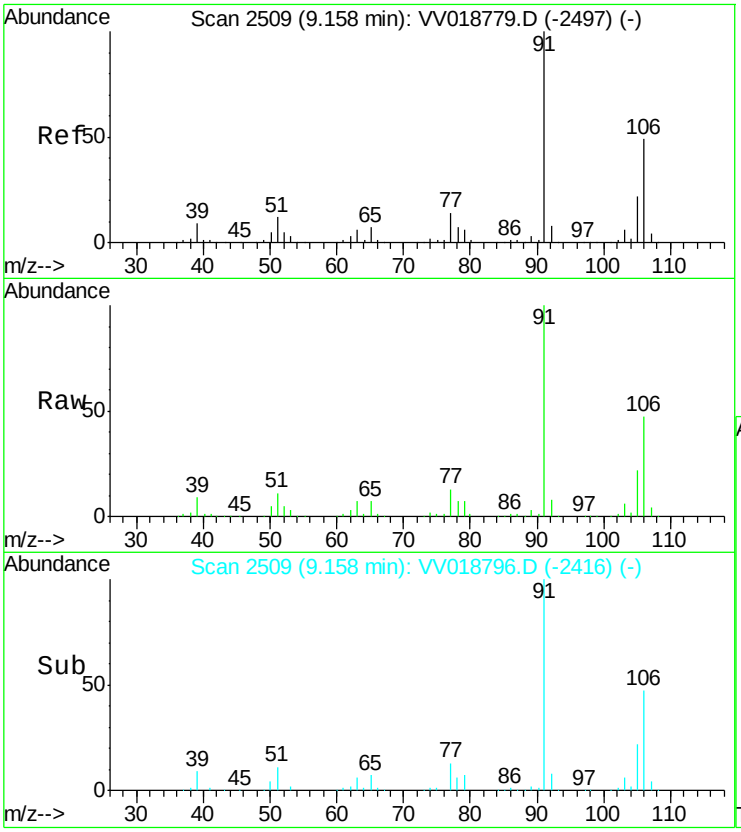


#52
Ethylbenzene
Concen: 12.472 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion: 91 Resp: 142079

Ion	Ratio	Lower	Upper
91	100		
106	30.7	20.9	38.9

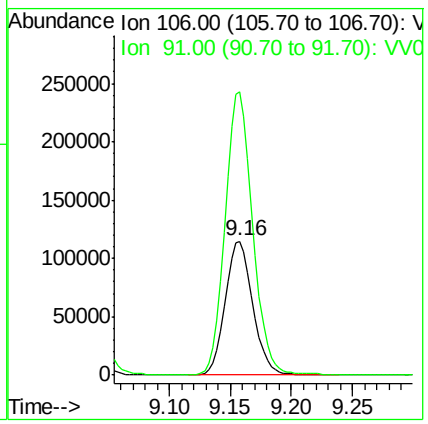




#53
m,p-Xylene
Concen: 43.455 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:106 Resp: 181717

Ion	Ratio	Lower	Upper
106	100		
91	211.4	147.1	273.1



Instrument :
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ClientSampleId :
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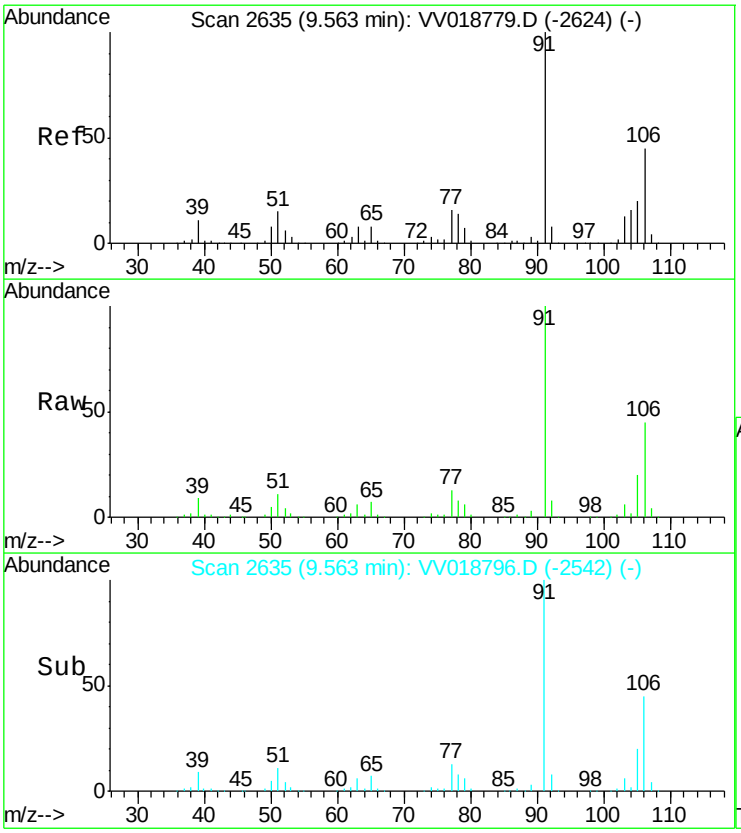
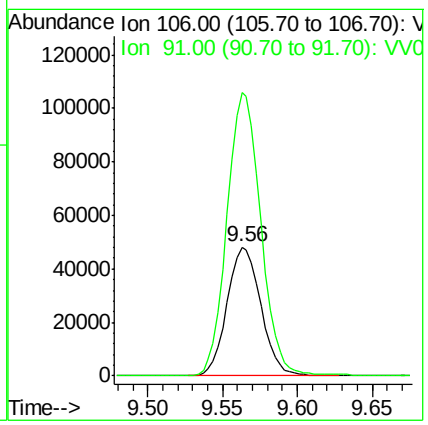
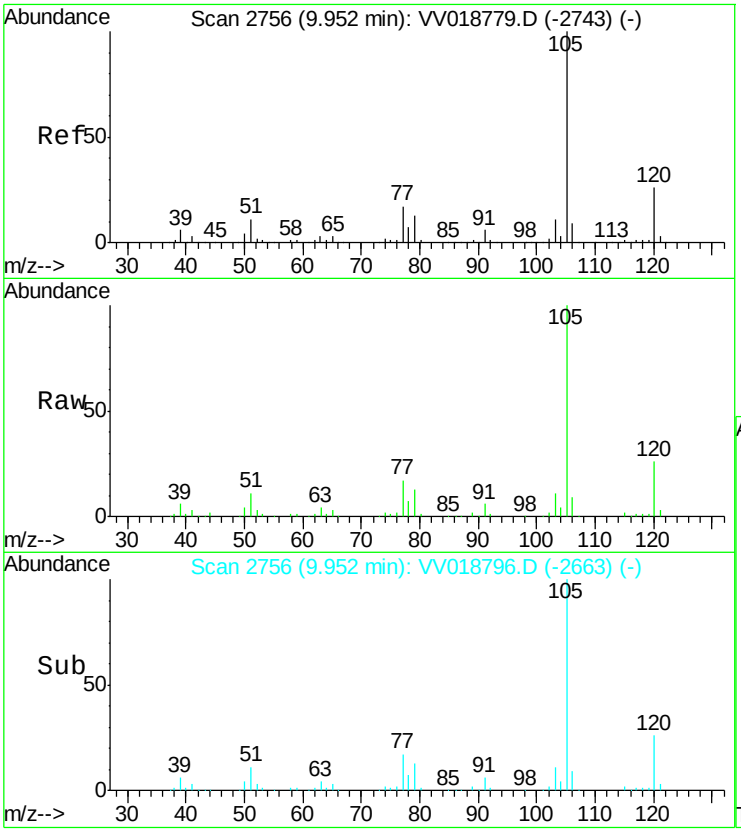


#54
o-xylene
Concen: 19.134 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:106 Resp: 75995

Ion	Ratio	Lower	Upper
106	100		
91	220.1	156.8	291.2

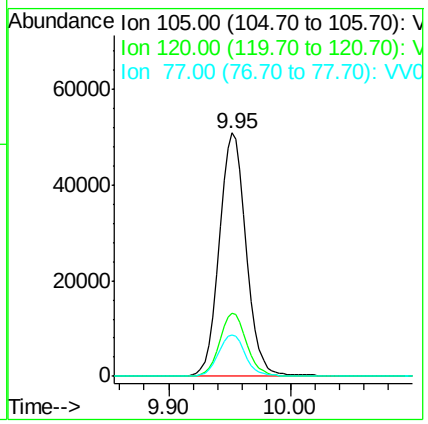




#56
Isopropylbenzene
Concen: 7.201 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:105 Resp: 79137

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.4	30.6
77	17.3	13.0	19.6



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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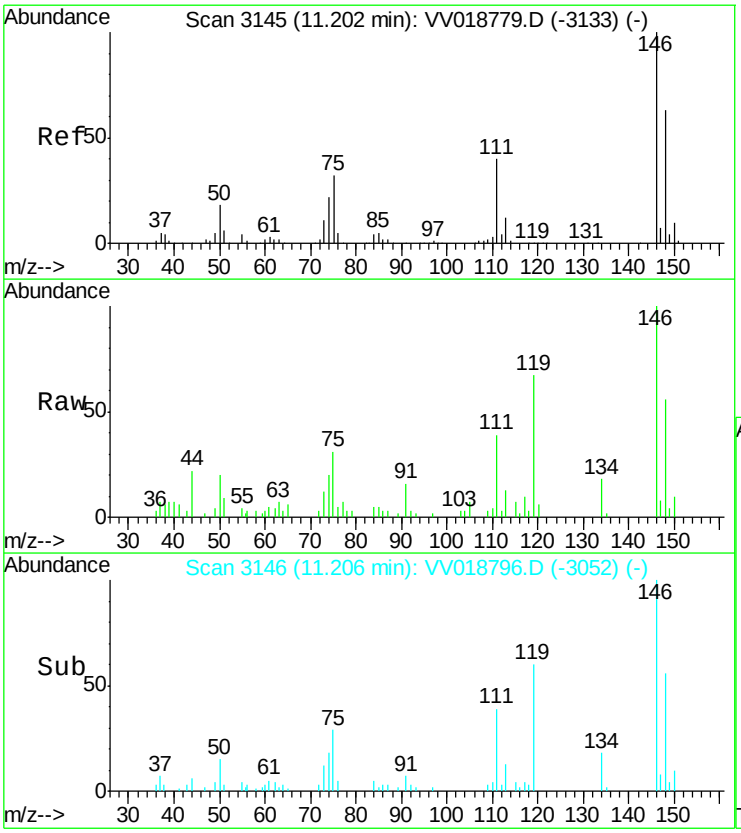
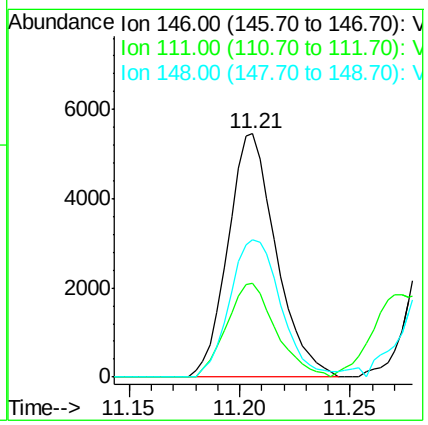
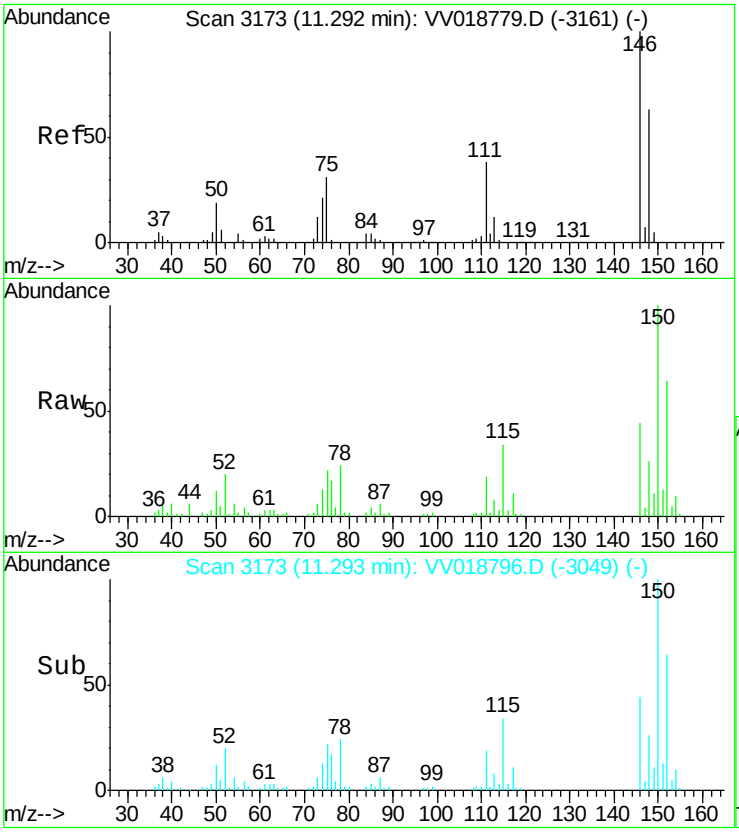


#62
1,3-Dichlorobenzene
Concen: 1.521 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:146 Resp: 8283

Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.8	51.6
148	56.3	45.4	84.4

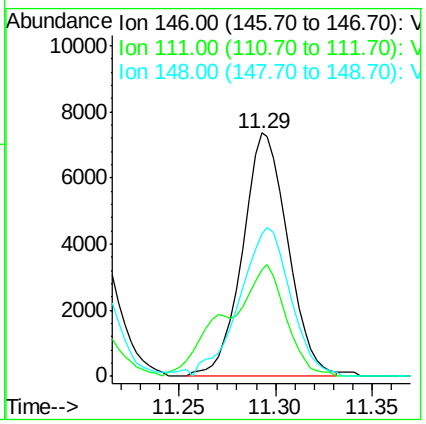




#63
1,4-Dichlorobenzene
Concen: 2.122 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:146 Resp: 12020

Ion	Ratio	Lower	Upper
146	100		
111	44.1	27.1	50.3
148	58.4	45.4	84.4



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
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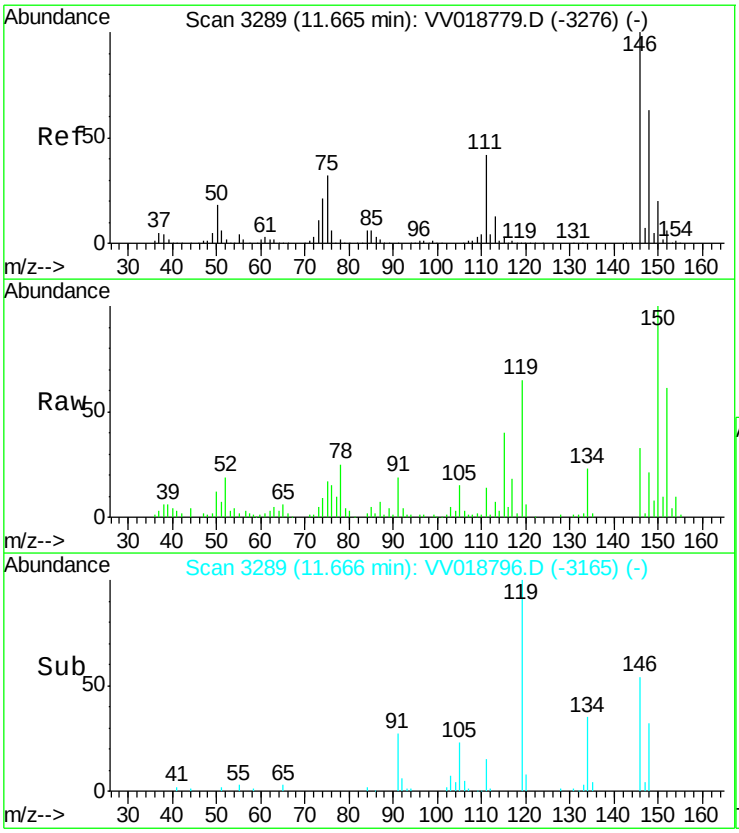
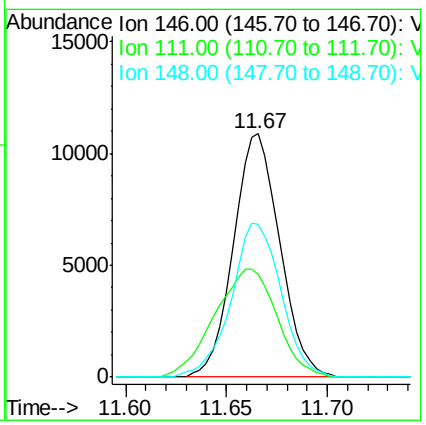
10/12/2020 3:37:55 PM

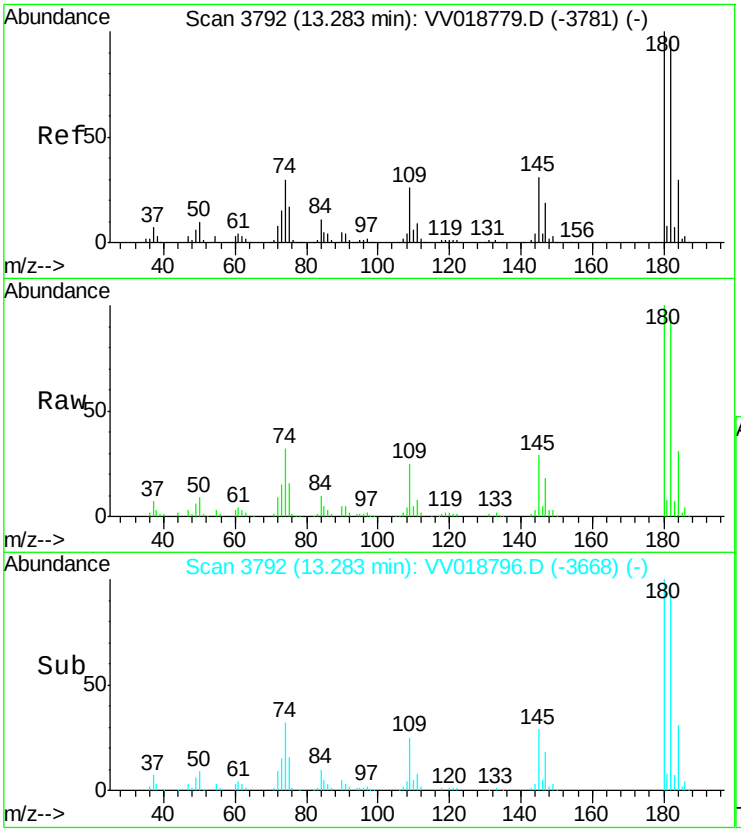


#65
1,2-Dichlorobenzene
Concen: 3.211 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:146 Resp: 17559

Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.8	50.6
148	62.7	50.3	75.5

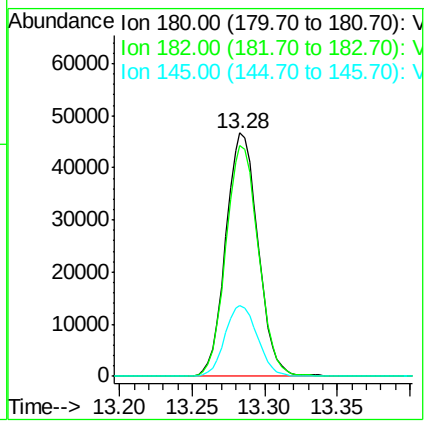




#68
1,2,4-trichlorobenzene
Concen: 21.733 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

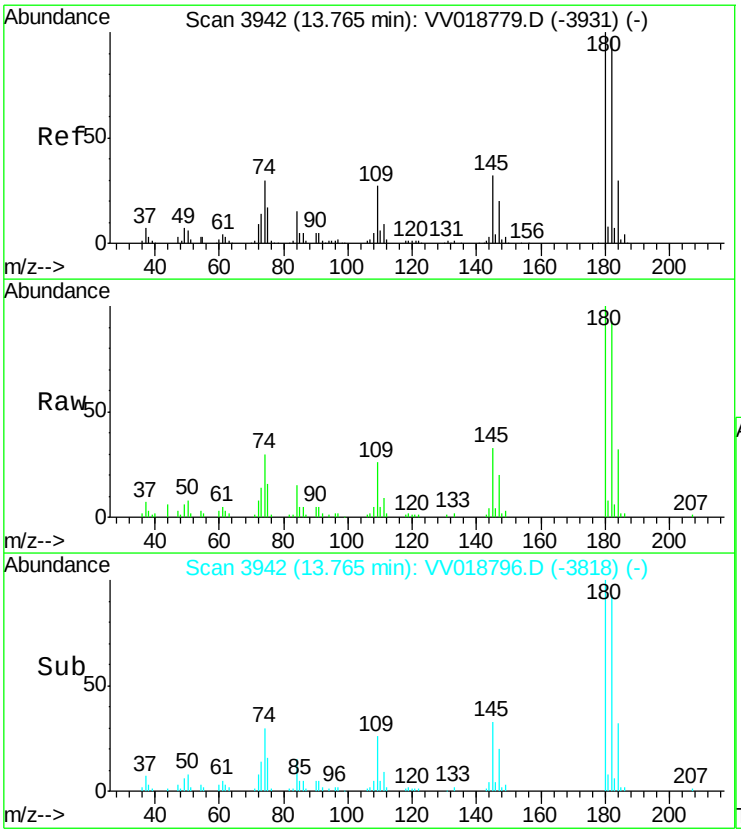
Tgt Ion:180 Resp: 72093

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
145	29.4	24.0	36.0



Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Manual Integrations APPROVED
MMDadoda
10/12/2020 3:37:55 PM



#70
1,2,3-Trichlorobenzene
Concen: 9.803 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. 0.00 min
Lab File: VV018796.D
Acq: 09 Oct 2020 05:46

Tgt Ion:180 Resp: 32282

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	32.7	25.2	37.8