Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

Quant Time: Jul 23 03:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 02:59:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	461305	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	418285	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	207089	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.38	65	121600	3.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.60%			
7) Chloroethane-d5	1.68	69	132820	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.34	63	187206	2.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.40%#			
20) 2-Butanone-d5	4.53	46	331130	49.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.80%			
24) Chloroform-d	5.15	84	257512	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	6.04	65	151218	4.41	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	6.06	84	509087	4.96	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	7.37	67	145219	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	8.70	98	511015	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
45) trans-1,3-Dichloropropene-	8.98	79	189559	14.31	ug/L	-0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 286.20%#			
48) 2-Hexanone-d5	9.43	63	296016	63.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.10%			
59) 1,1,2,2-Tetrachloroethane-	11.24	84	132932	5.64	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
65) 1,2-Dichlorobenzene-d4	12.37	152	174492	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	19974	0.444	ug/L	90
13) Acetone	2.41	43	106627m	19.715	ug/L	
14) Carbon disulfide	2.55	76	41367	0.374	ug/L #	95
21) 2-Butanone	4.64	43	182808	21.219	ug/L	97
22) cis-1,2-Dichloroethene	4.57	96	171559	4.996	ug/L #	99
30) Cyclohexane	5.57	56	18658696	410.887	ug/L	92
33) Benzene	6.10	78	41261416m	334.963	ug/L	
35) Methylcyclohexane	7.45	83	9386987	208.739	ug/L	89
42) Toluene	8.76	91	27360021m	221.516	ug/L	
54) Ethylbenzene	10.23	91	40681388m	303.698	ug/L	
55) m,p-xylene	10.35	106	52776416m	986.796	ug/L	
56) o-xylene	10.70	106	25072558m	483.290	ug/L	
58) Isopropylbenzene	11.01	105	12488416	93.141	ug/L	92

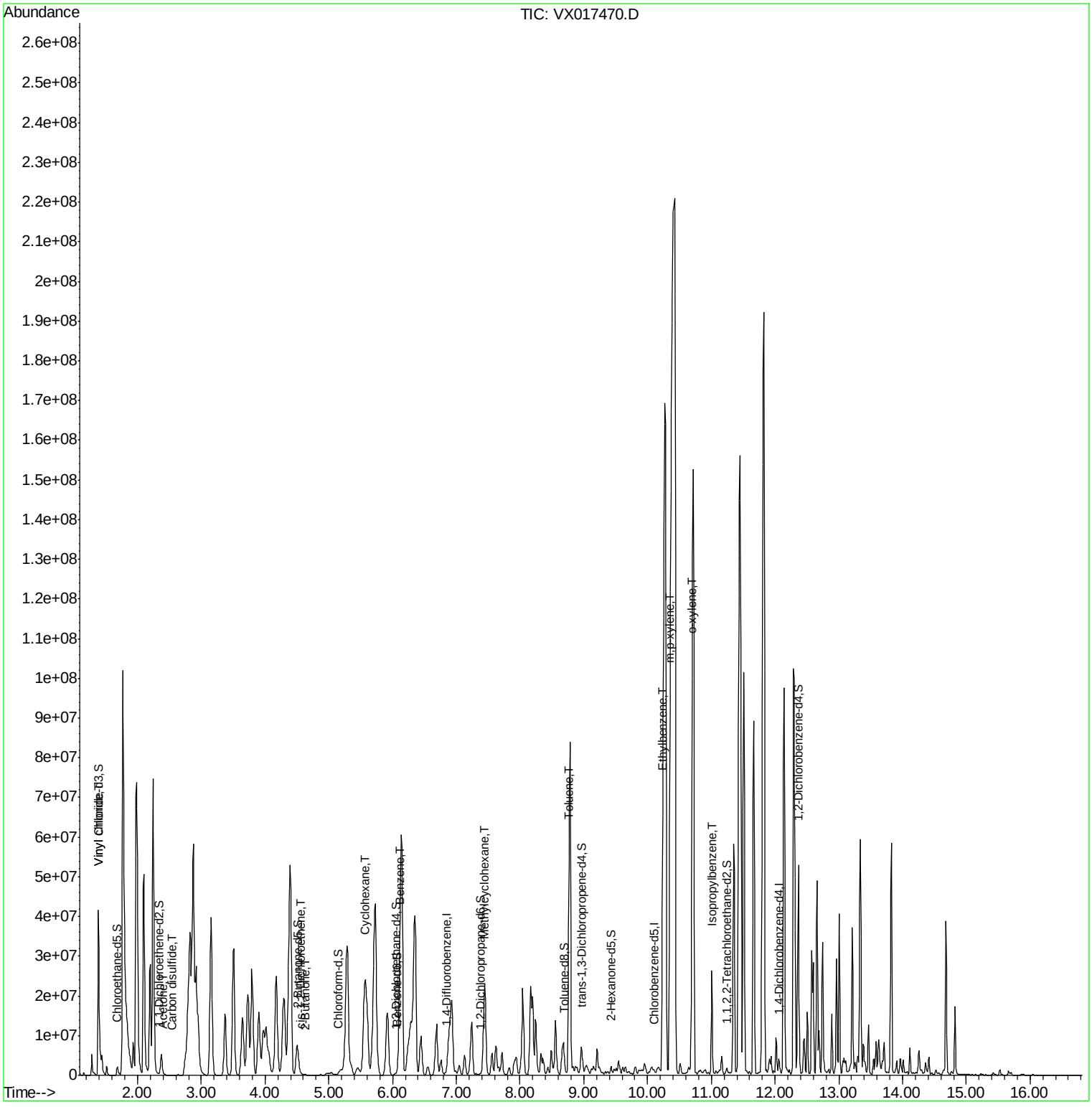
(#) = qualifier out of range (m) = manual integration (+) = signals summed

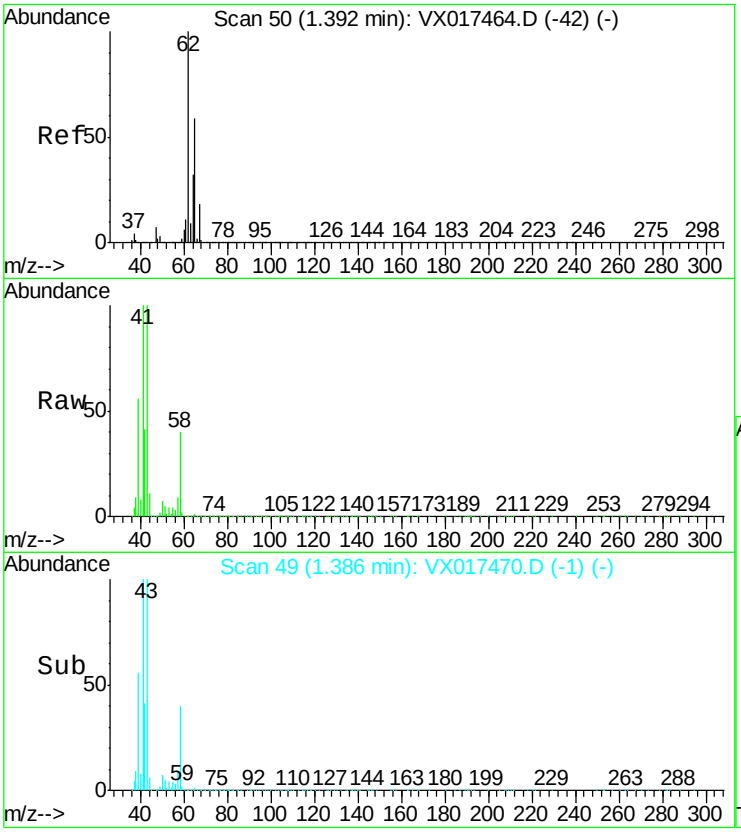
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 23 03:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 02:59:48 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM





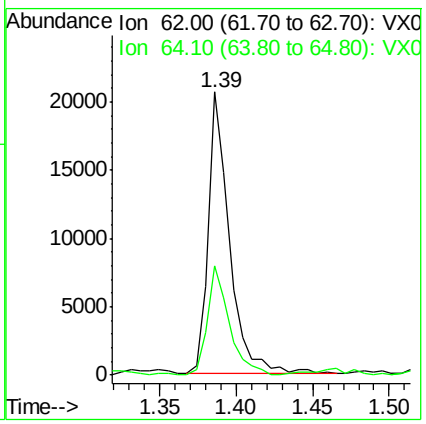
#5
Vinyl chloride
Concen: 0.444 ug/L
RT: 1.39 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

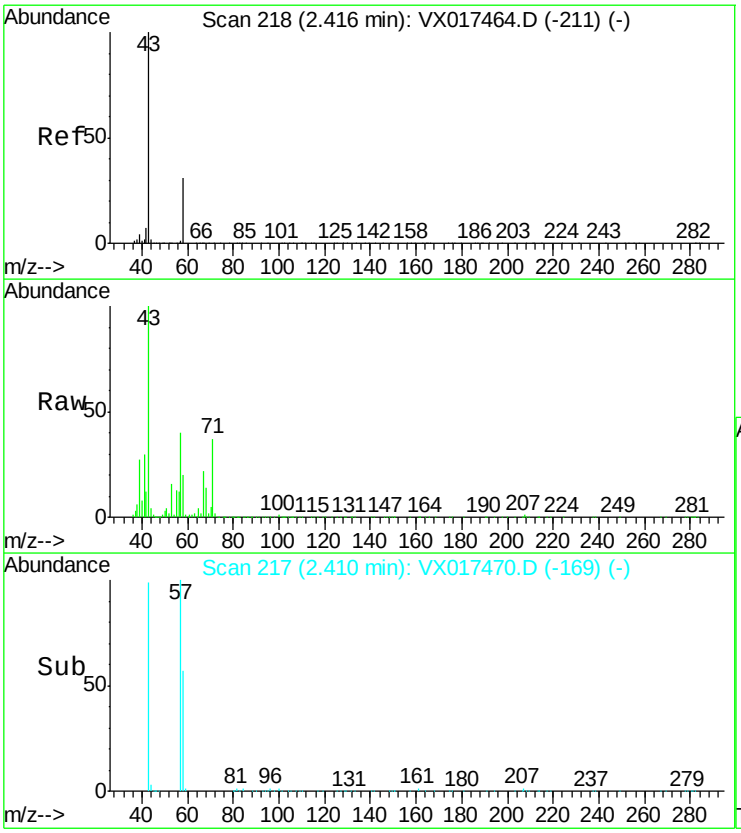
Tgt Ion: 62 Resp: 19974

Ion	Ratio	Lower	Upper
62	100		
64	38.7	23.2	43.2

Instrument :
MSVOA_X
ClientSampleId :
GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

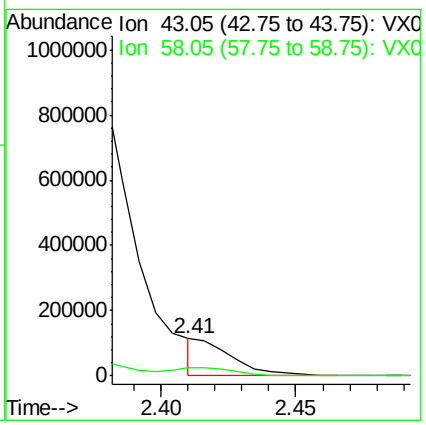


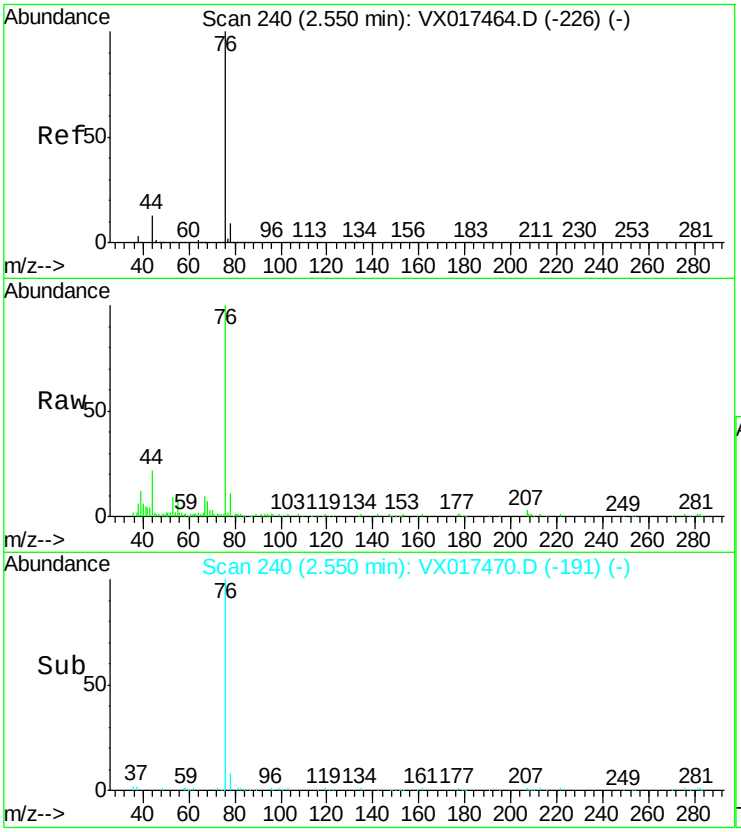


#13
Acetone
Concen: 19.715 ug/L m
RT: 2.41 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 43 Resp: 106627

Ion	Ratio	Lower	Upper
43	100		
58	95.4	0.0	58.6#

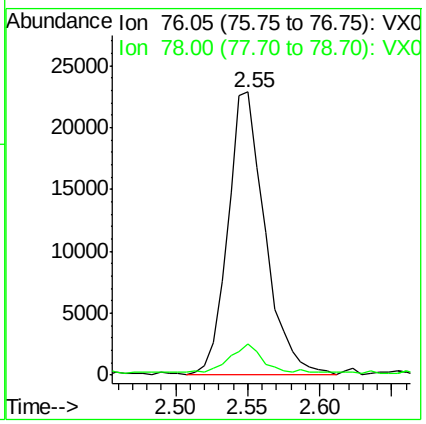




#14
Carbon disulfide
Concen: 0.374 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

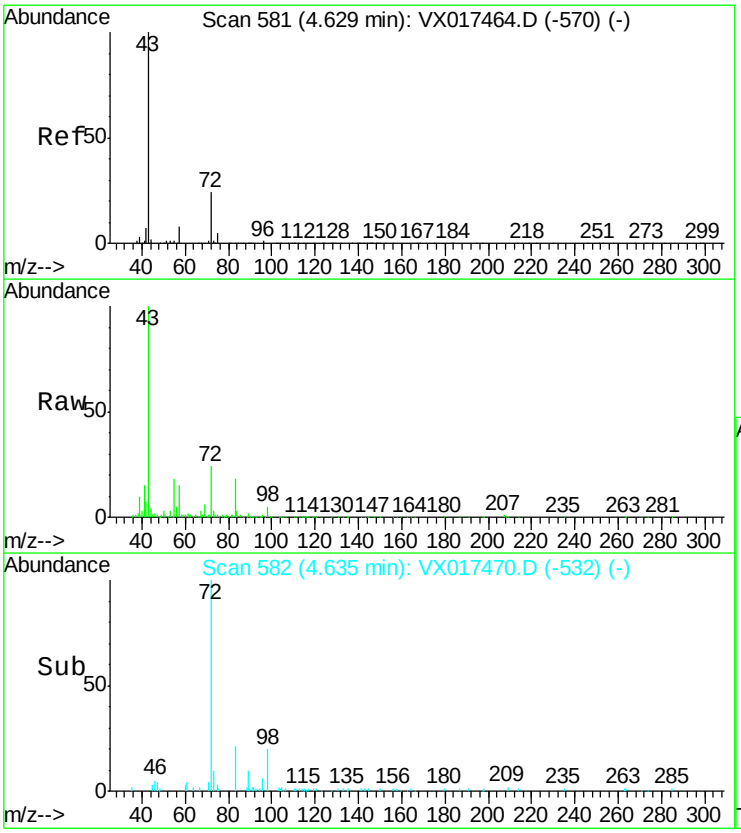
Tgt Ion: 76 Resp: 41367

Ion	Ratio	Lower	Upper
76	100		
78	11.1	7.3	10.9#



Instrument :
MSVOA_X
ClientSampleId :
GAY19

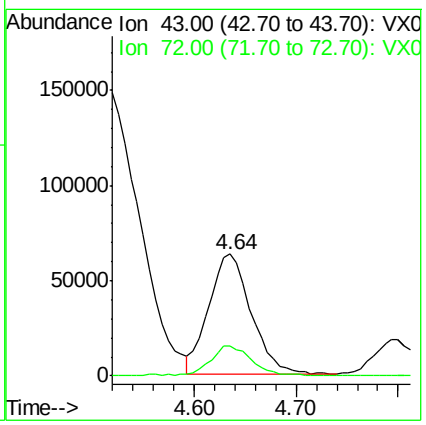
Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

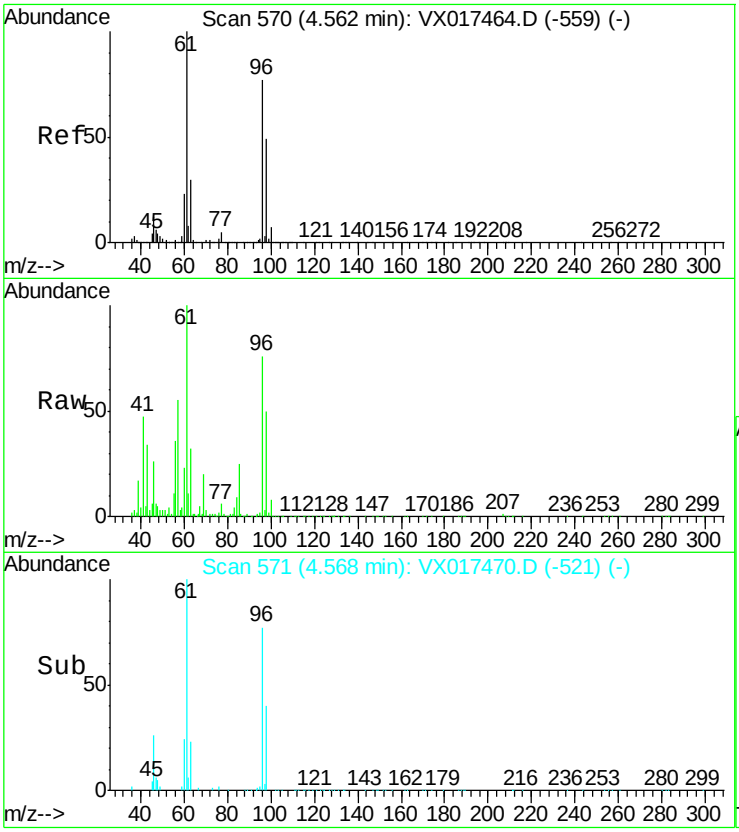


#21
2-Butanone
Concen: 21.219 ug/L
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 43 Resp: 182808

Ion	Ratio	Lower	Upper
43	100		
72	22.8	12.1	36.3

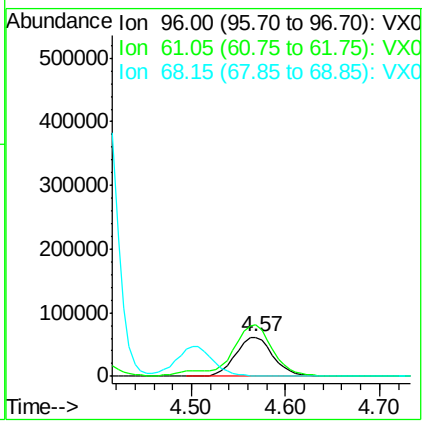




#22
cis-1,2-Dichloroethene
Concen: 4.996 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

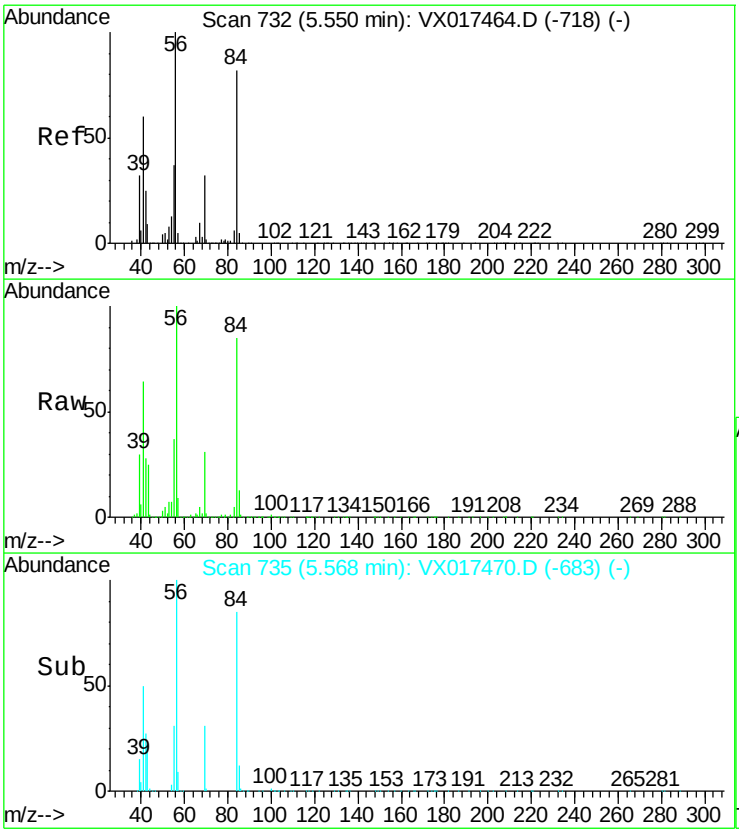
Tgt Ion: 96 Resp: 171559

Ion	Ratio	Lower	Upper
96	100		
61	131.5	91.6	170.2
68	1.8	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
GAY19

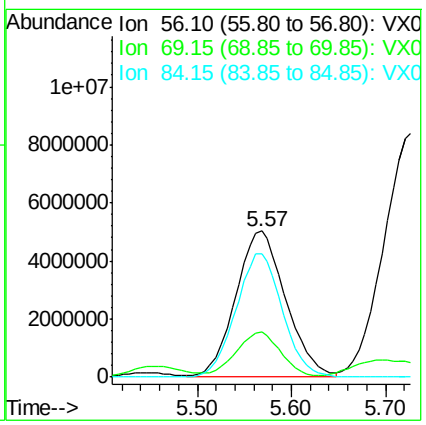
Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

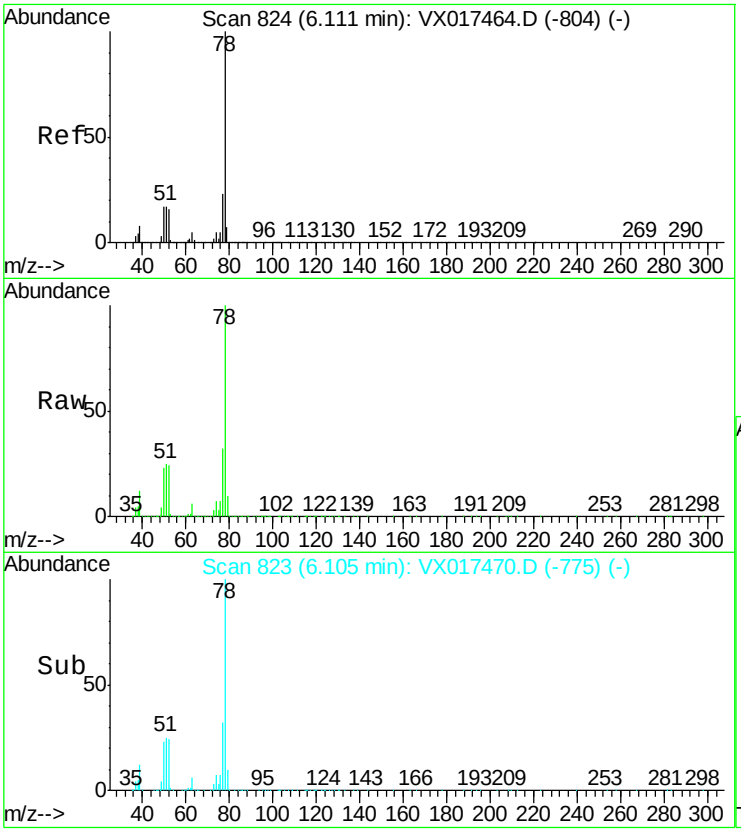


#30
Cyclohexane
Concen: 410.887 ug/L
RT: 5.57 min Scan# 735
Delta R.T. 0.02 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 56 Resp:18658696

Ion	Ratio	Lower	Upper
56	100		
69	27.7	25.4	38.2
84	78.9	69.3	103.9



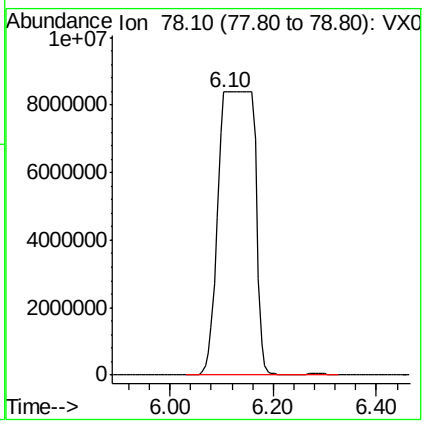


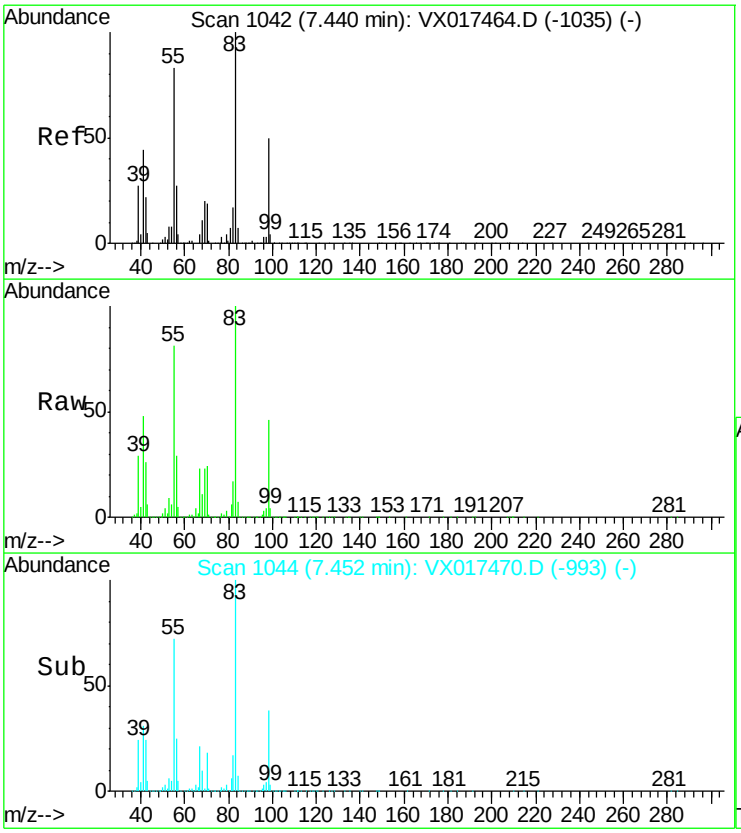
#33
Benzene
Concen: 334.963 ug/L m
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 78 Resp:41261416

Instrument :
MSVOA_X
ClientSampleId :
GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

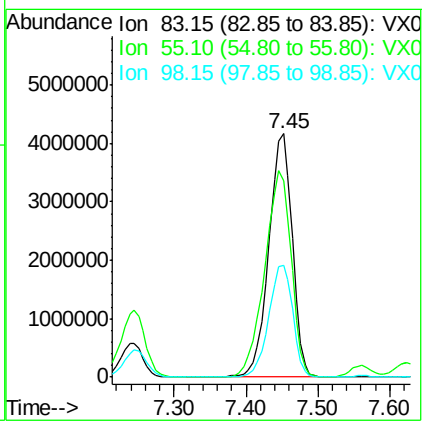


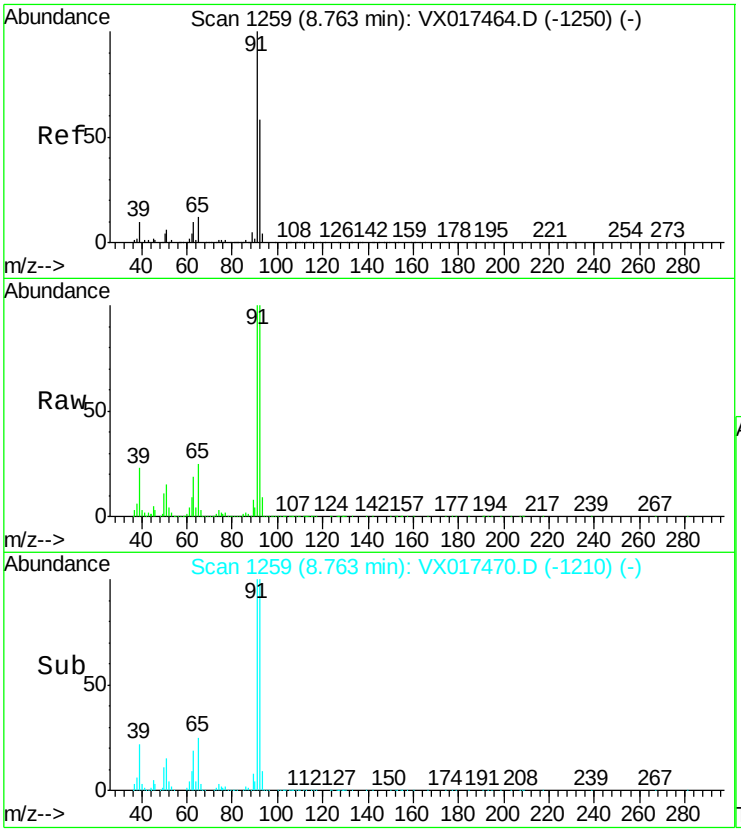


#35
Methylcyclohexane
Concen: 208.739 ug/L
RT: 7.45 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 83 Resp: 9386987

Ion	Ratio	Lower	Upper
83	100		
55	95.8	65.4	98.2
98	47.0	39.8	59.8

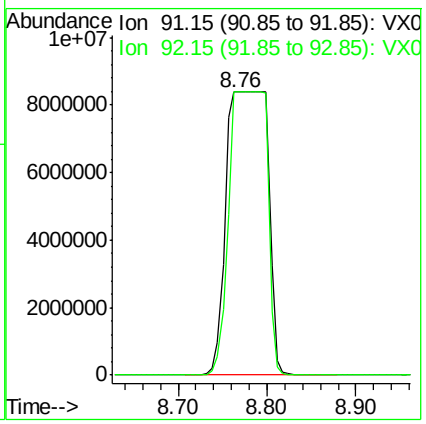




#42
Toluene
Concen: 221.516 ug/L m
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

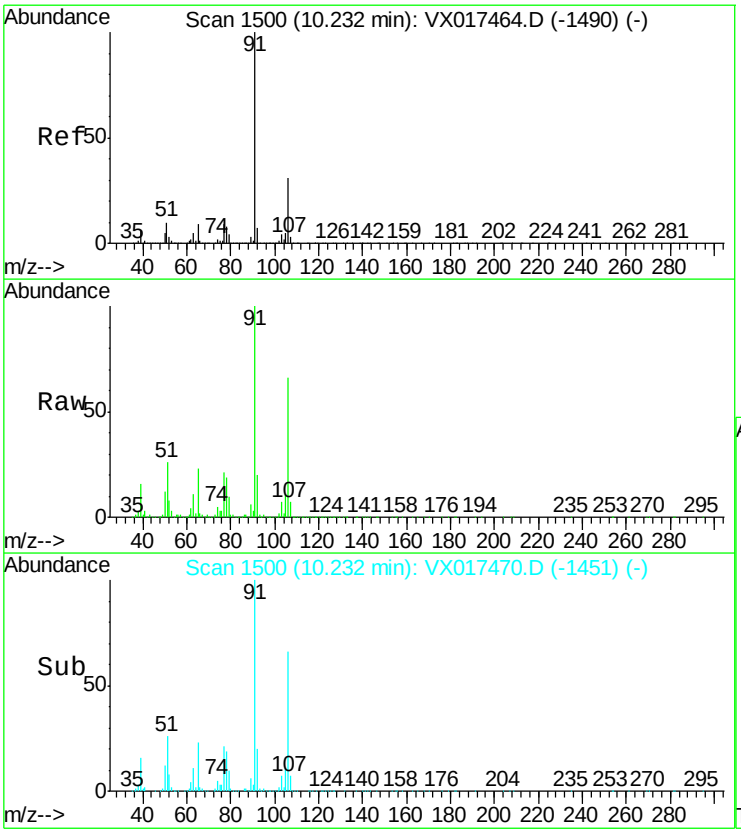
Tgt Ion: 91 Resp:27360021

Ion	Ratio	Lower	Upper
91	100		
92	100.0	39.9	74.1#



Instrument :
MSVOA_X
ClientSampleId :
GAY19

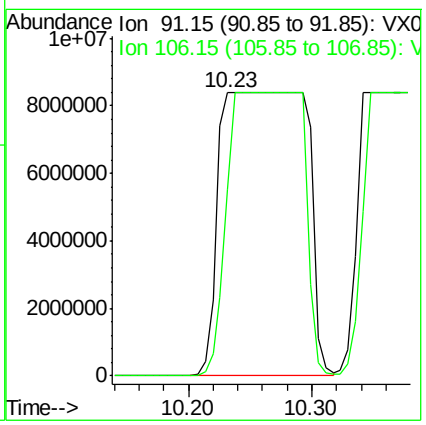
Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

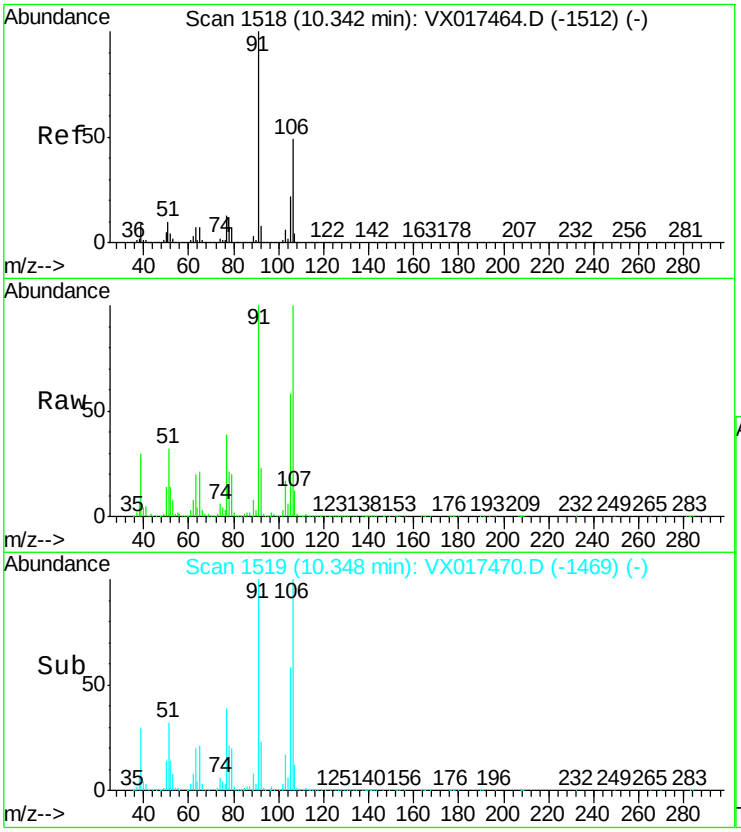


#54
Ethylbenzene
Concen: 303.698 ug/L m
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion: 91 Resp:40681388

Ion	Ratio	Lower	Upper
91	100		
106	65.8	22.5	41.7#





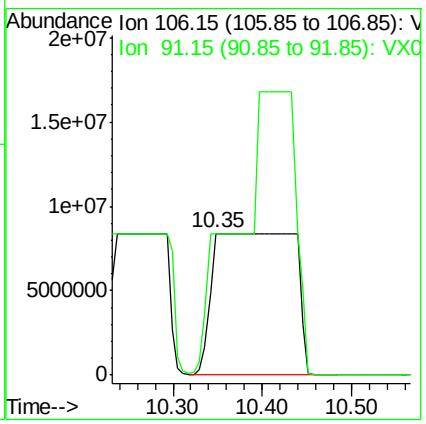
#55
m,p-xylene
Concen: 986.796 ug/L m
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

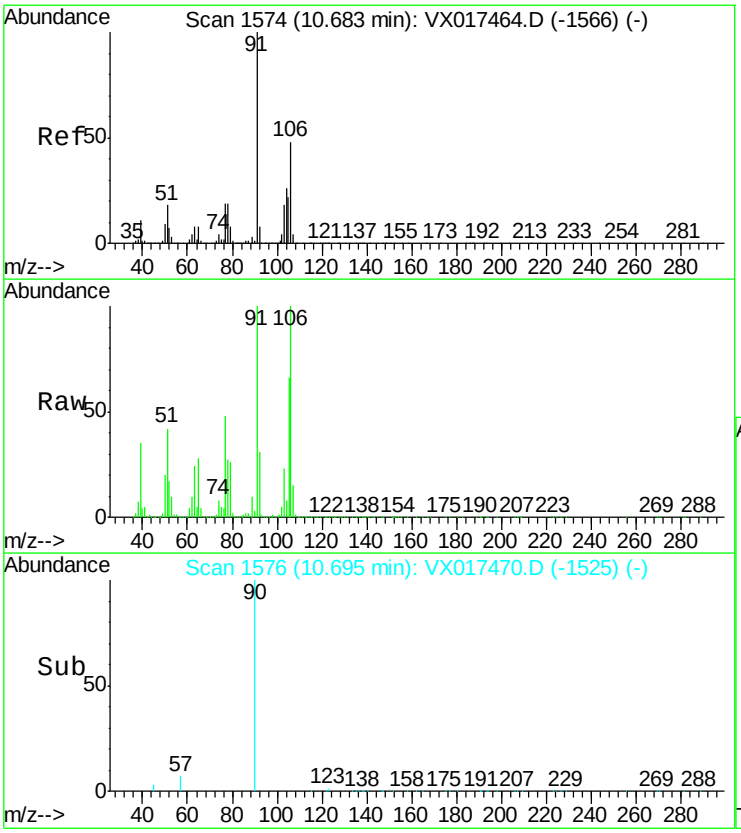
Tgt Ion:106 Resp:52776416

Ion	Ratio	Lower	Upper
106	100		
91	100.0	142.7	264.9#

Instrument :
MSVOA_X
ClientSampleId :
GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM

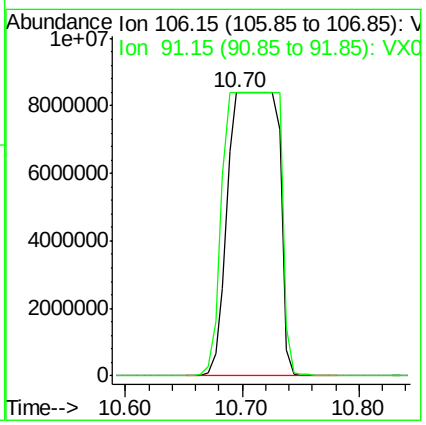


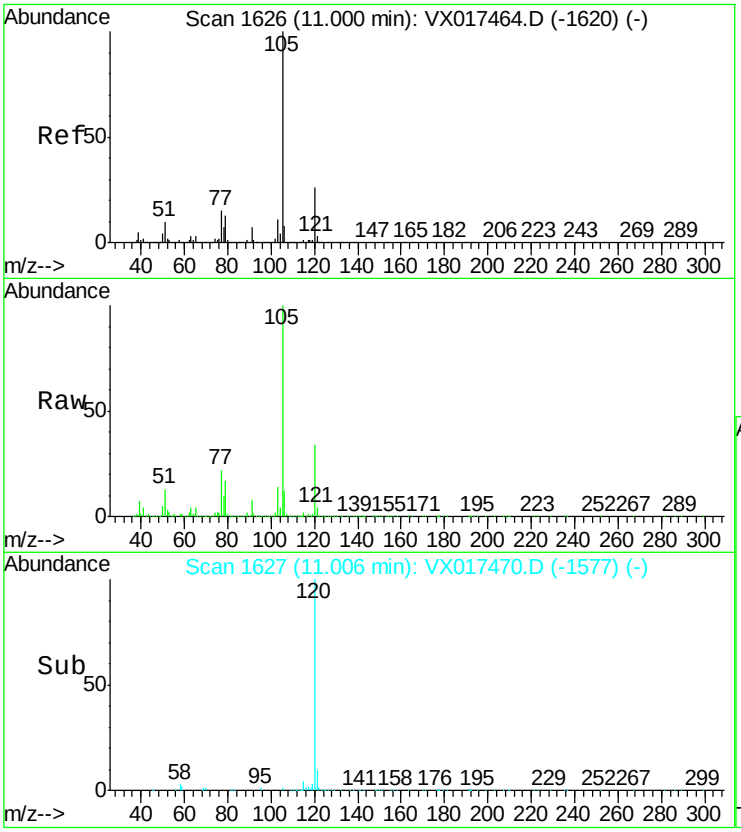


#56
o-xylene
Concen: 483.290 ug/L m
RT: 10.70 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion:106 Resp:25072558

Ion	Ratio	Lower	Upper
106	100		
91	100.0	153.4	284.8#

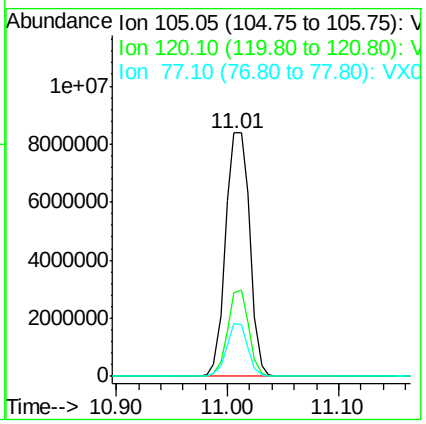




#58
Isopropylbenzene
Concen: 93.141 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX017470.D
Acq: 22 Jul 2020 17:06

Tgt Ion:105 Resp:12488416

Ion	Ratio	Lower	Upper
105	100		
120	31.2	21.4	32.2
77	18.9	13.0	19.6



Instrument :
MSVOA_X
ClientSampleId :
GAY19

Manual Integrations APPROVED
MMDadoda
7/24/2020 8:36:23 AM