Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG481

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:37 AM

Quant Time: Oct 01 11:37:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	288205	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	266852	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	146551	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	68937	4.57	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%				
7) Chloroethane-d5	1.70	69	54915	4.32	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.40%				
11) 1,1-Dichloroethene-d2	2.34	63	110180	3.31	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%				
20) 2-Butanone-d5	4.56	46	168301	43.76	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.52%				
24) Chloroform-d	5.14	84	150014	4.20	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%				
26) 1,2-Dichloroethane-d4	6.03	65	80608	3.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%				
32) Benzene-d6	6.05	84	276974	4.50	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%				
36) 1,2-Dichloropropane-d6	7.37	67	86567	4.61	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%				
41) Toluene-d8	8.70	98	266192	4.34	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%				
45) trans-1,3-Dichloropropene-	8.99	79	37111	4.44	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%				
48) 2-Hexanone-d5	9.43	63	142857	47.79	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.58%				
59) 1,1,2,2-Tetrachloroethane-	11.23	84	68810	4.92	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%				
65) 1,2-Dichlorobenzene-d4	12.36	152	111676	4.66	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%				
Target Compounds							Qvalue
8) Chloroethane	1.72	64	215945	25.165	ug/L		98
14) Carbon disulfide	2.56	76	6961m	0.163	ug/L		
16) Methylene chloride	2.83	84	6102	0.317	ug/L		83
19) 1,1-Dichloroethane	3.67	63	7583	0.301	ug/L		92
30) Cyclohexane	5.55	56	112119	5.545	ug/L		96
33) Benzene	6.12	78	871517	16.939	ug/L		100
35) Methylcyclohexane	7.44	83	107336	5.183	ug/L		96
42) Toluene	8.77	91	61536	1.107	ug/L		99
53) Chlorobenzene	10.12	112	23033602m	627.417	ug/L		
54) Ethylbenzene	10.24	91	134824	2.227	ug/L		95
55) m,p-xylene	10.34	106	52729	2.278	ug/L		92
56) o-xylene	10.68	106	85147	3.893	ug/L		90
58) Isopropylbenzene	11.00	105	15509185	264.477	ug/L	#	74
63) 1,3-Dichlorobenzene	12.01	146	66911	2.100	ug/L		97
64) 1,4-Dichlorobenzene	12.09	146	562833	17.489	ug/L		95
66) 1,2-Dichlorobenzene	12.38	146	235313	7.928	ug/L		99

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Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG481

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9/29/2020 9:43:37 AM

Quant Time: Oct 01 11:37:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

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

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

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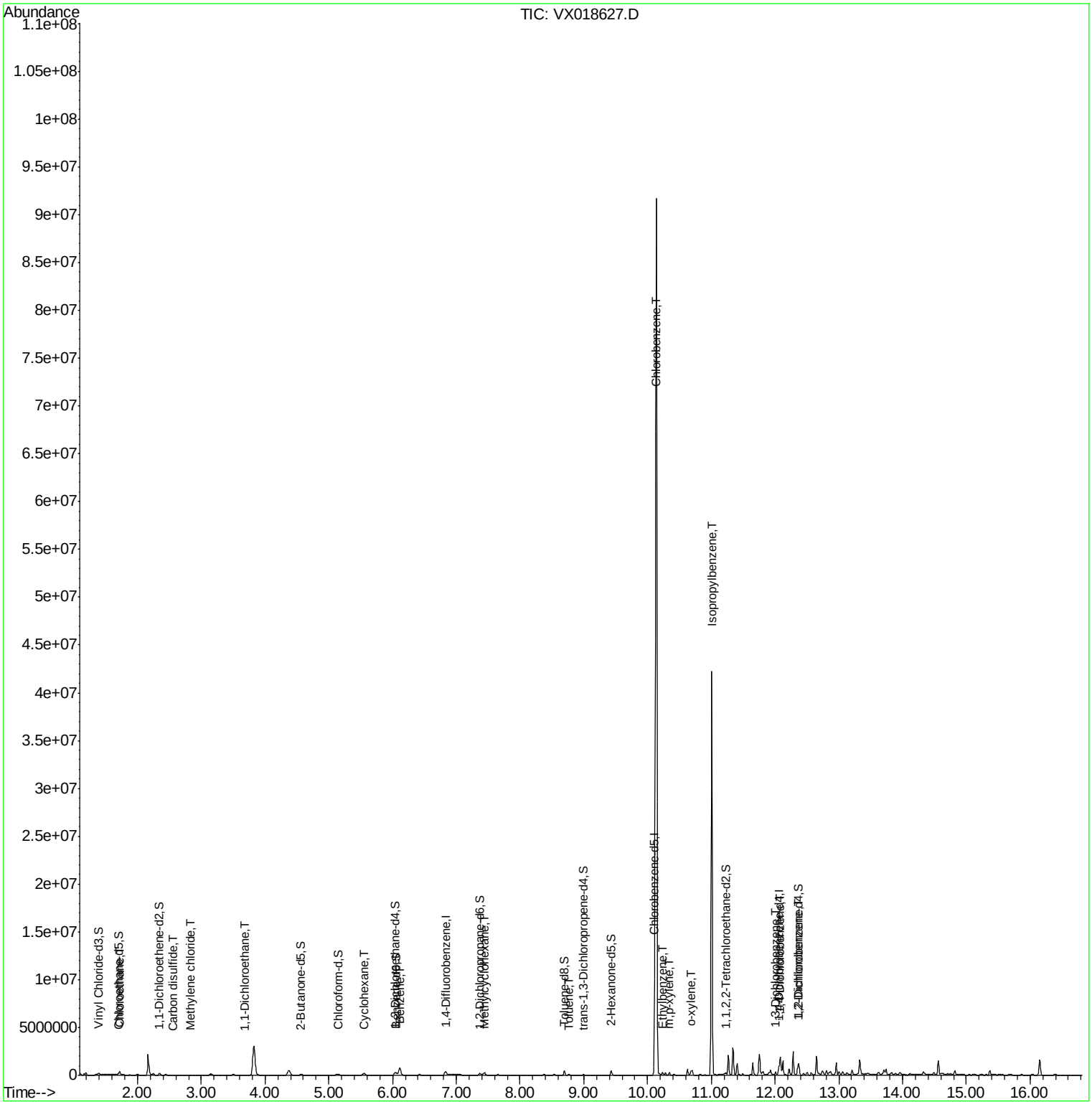
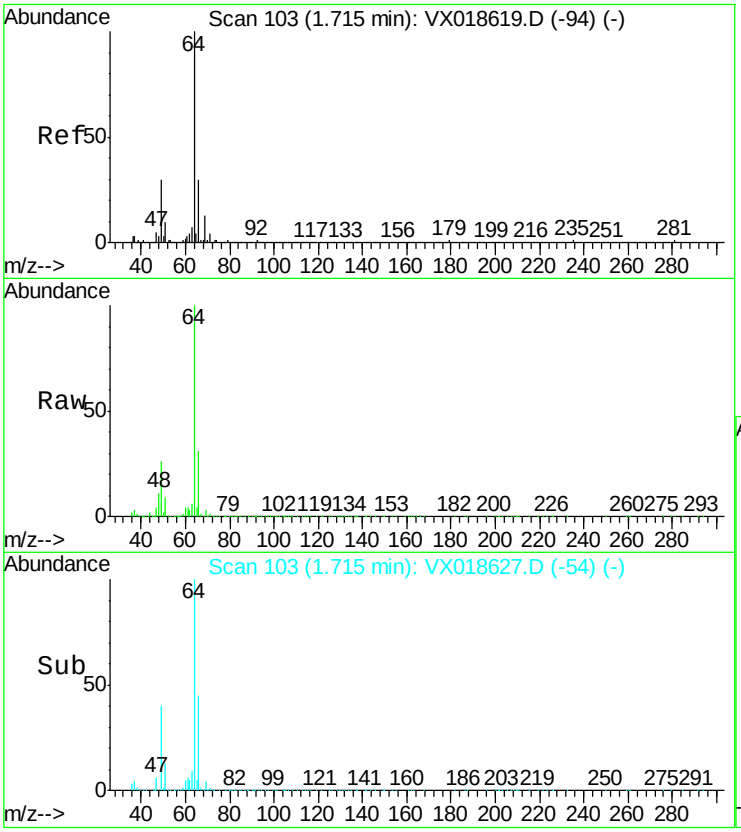
MMDadoda
9/29/2020 9:43:37 AM

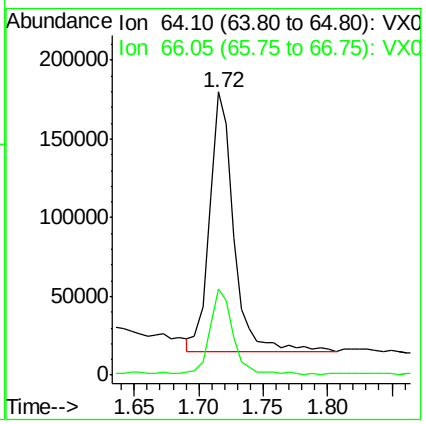




#8
Chloroethane
Concen: 25.165 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 64 Resp: 215945

Ion	Ratio	Lower	Upper
64	100		
66	30.6	22.3	41.3



Instrument :
MSVOA_X
ClientSampleId :
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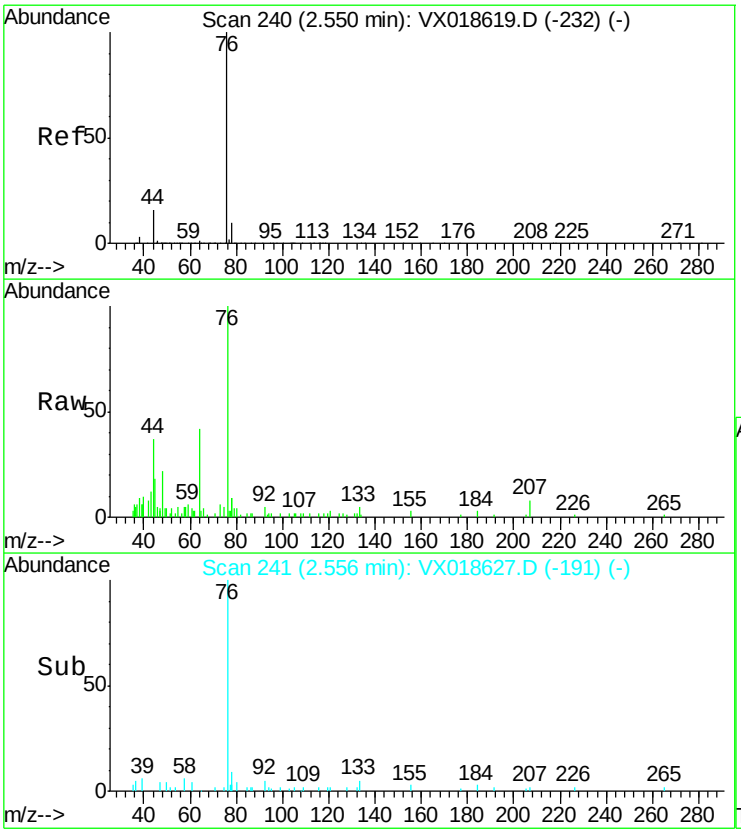
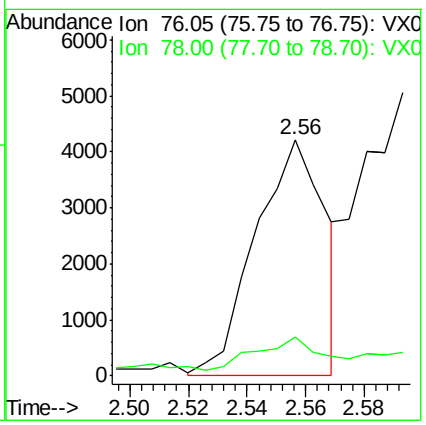
9/29/2020 9:43:37 AM

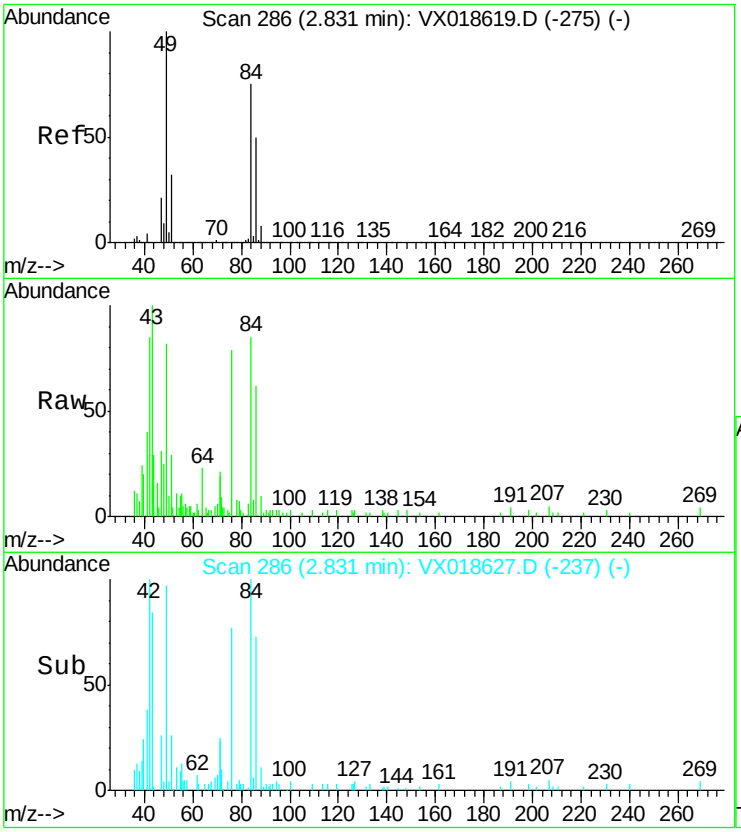


#14
Carbon disulfide
Concen: 0.163 ug/L m
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 76 Resp: 6961

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

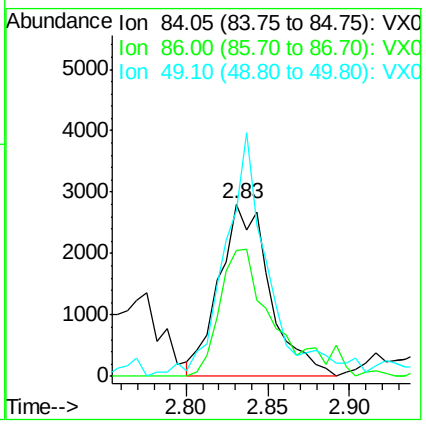




#16
Methylene chloride
Concen: 0.317 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 84 Resp: 6102

Ion	Ratio	Lower	Upper
84	100		
86	73.0	41.9	77.7
49	96.6	80.8	150.2



Instrument :
MSVOA_X
ClientSampleId :
BG481

Manual Integrations APPROVED
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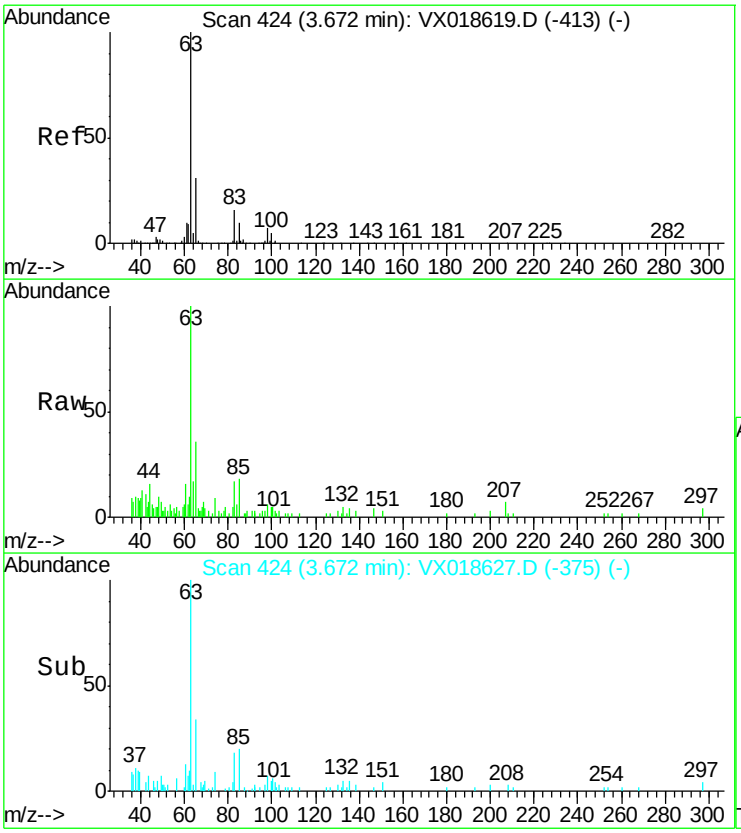
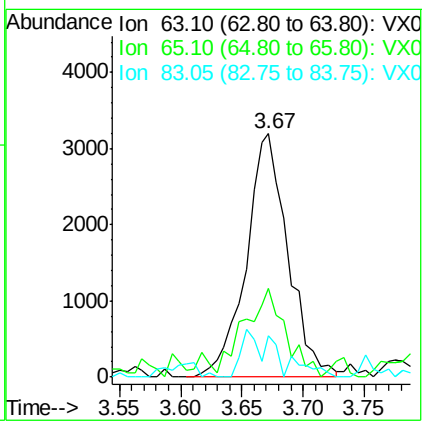
9/29/2020 9:43:37 AM

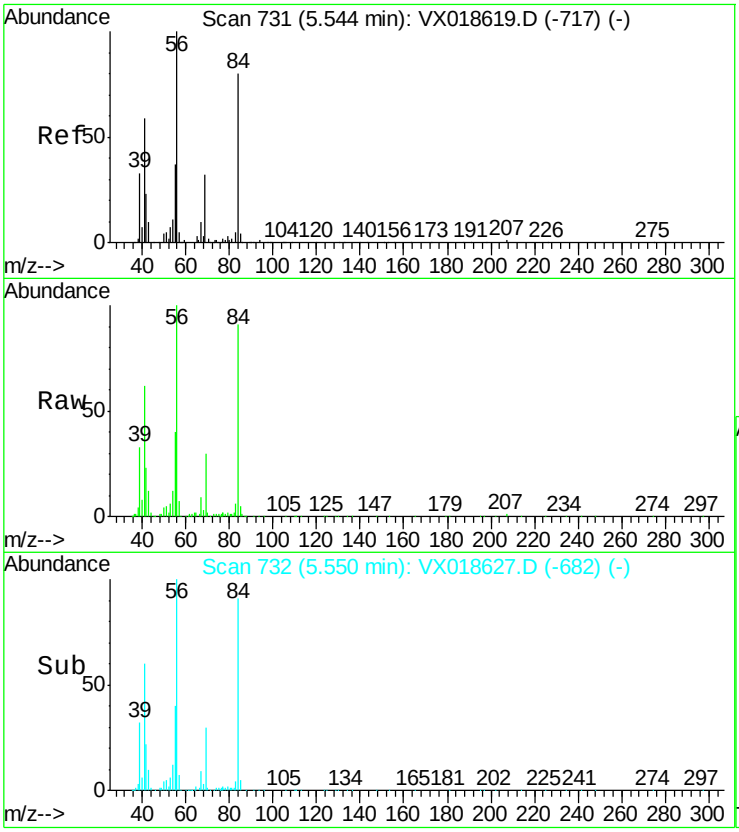


#19
1,1-Dichloroethane
Concen: 0.301 ug/L
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 63 Resp: 7583

Ion	Ratio	Lower	Upper
63	100		
65	36.5	22.7	42.1
83	17.0	9.3	17.3

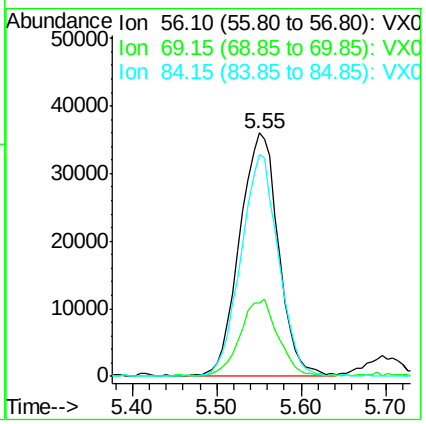




#30
Cyclohexane
Concen: 5.545 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 56 Resp: 112119

Ion	Ratio	Lower	Upper
56	100		
69	30.3	26.4	39.6
84	87.8	72.7	109.1



Instrument :
MSVOA_X
ClientSampleId :
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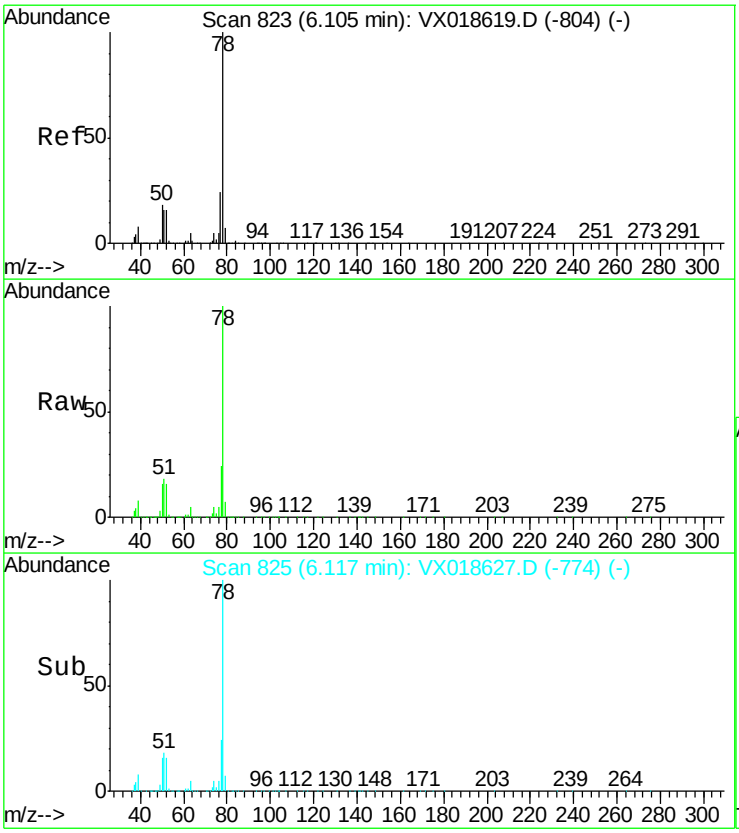
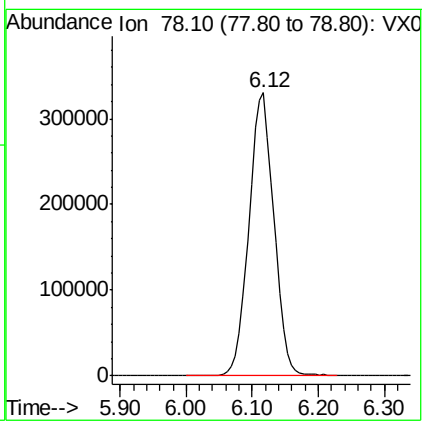
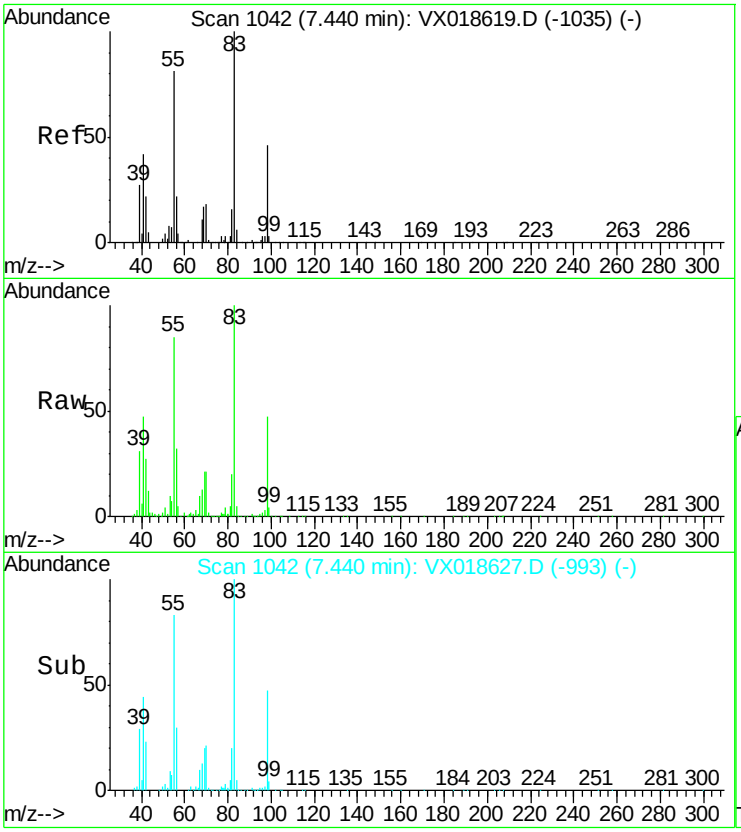


#33
Benzene
Concen: 16.939 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 78 Resp: 871517

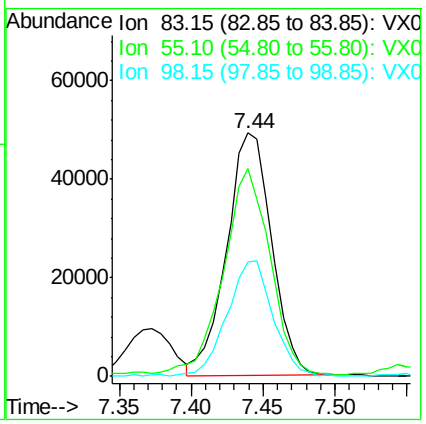




#35
Methylcyclohexane
Concen: 5.183 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 83 Resp: 107336

Ion	Ratio	Lower	Upper
83	100		
55	88.5	67.4	101.0
98	48.9	41.1	61.7



Instrument :
MSVOA_X
ClientSampleId :
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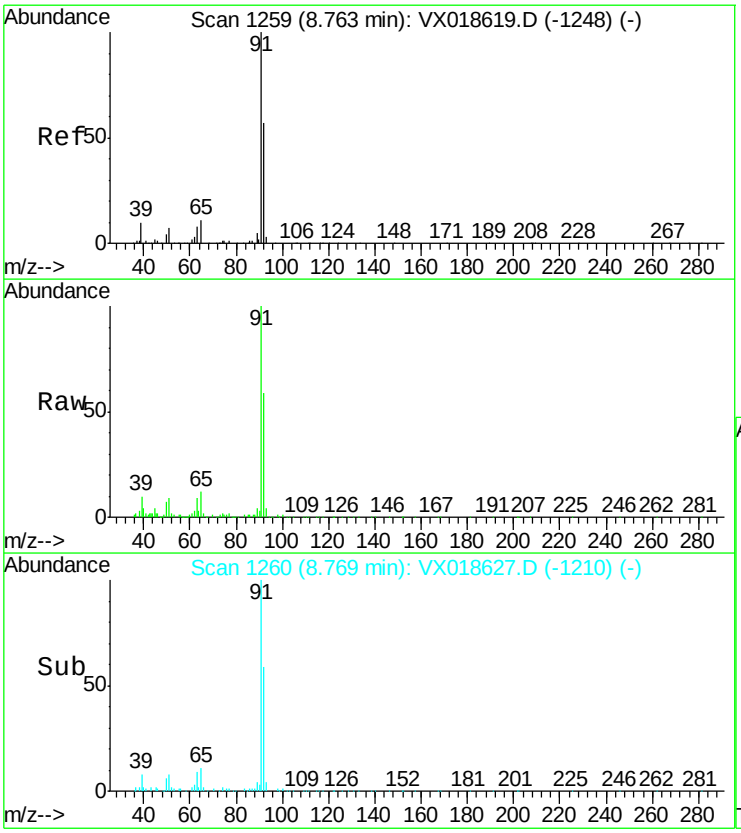
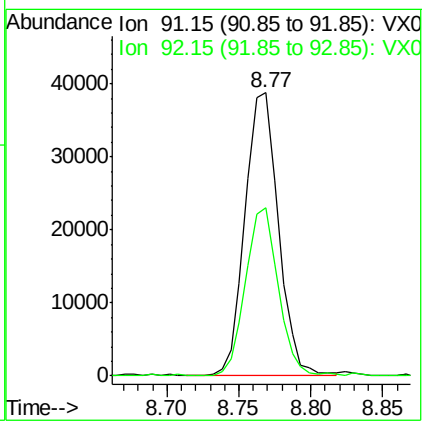
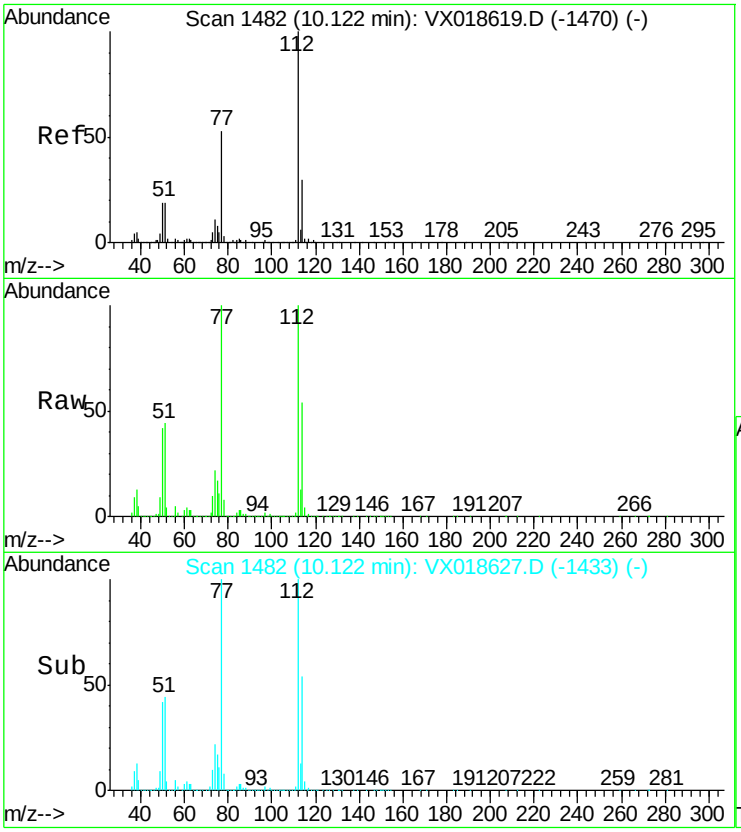


#42
Toluene
Concen: 1.107 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 91 Resp: 61536

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.1	76.3





#53
Chlorobenzene
Concen: 627.417 ug/L m
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:112 Resp:23033602

Ion	Ratio	Lower	Upper
112	100		
114	53.7	20.6	38.4#
77	100.0	46.6	69.8#

Instrument :
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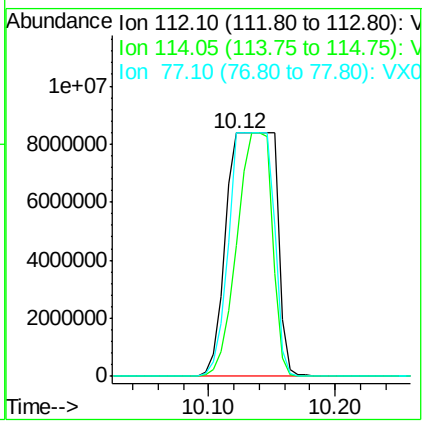
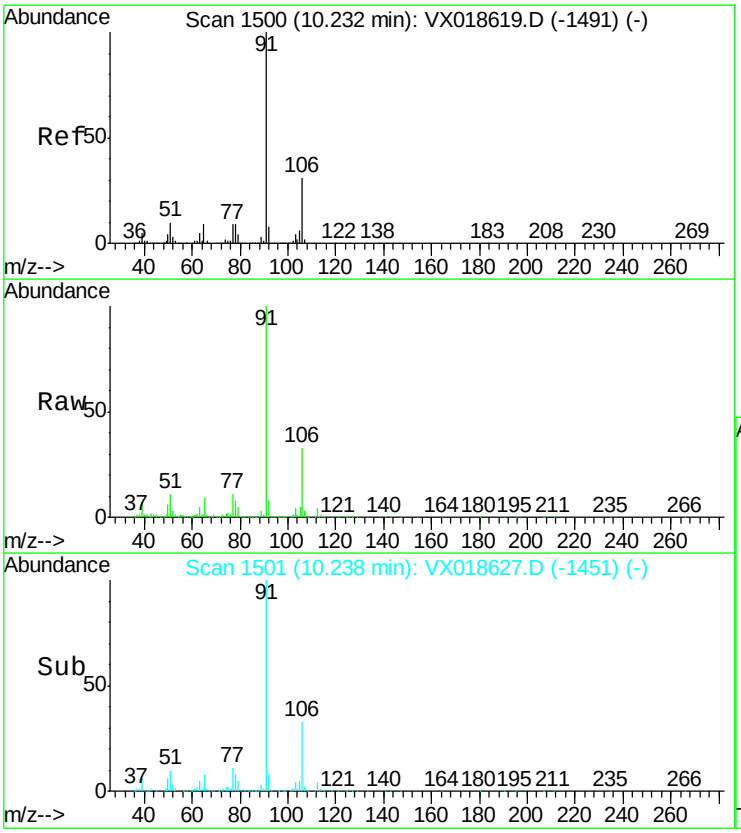
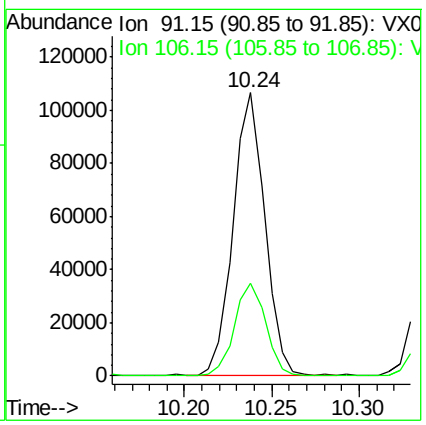


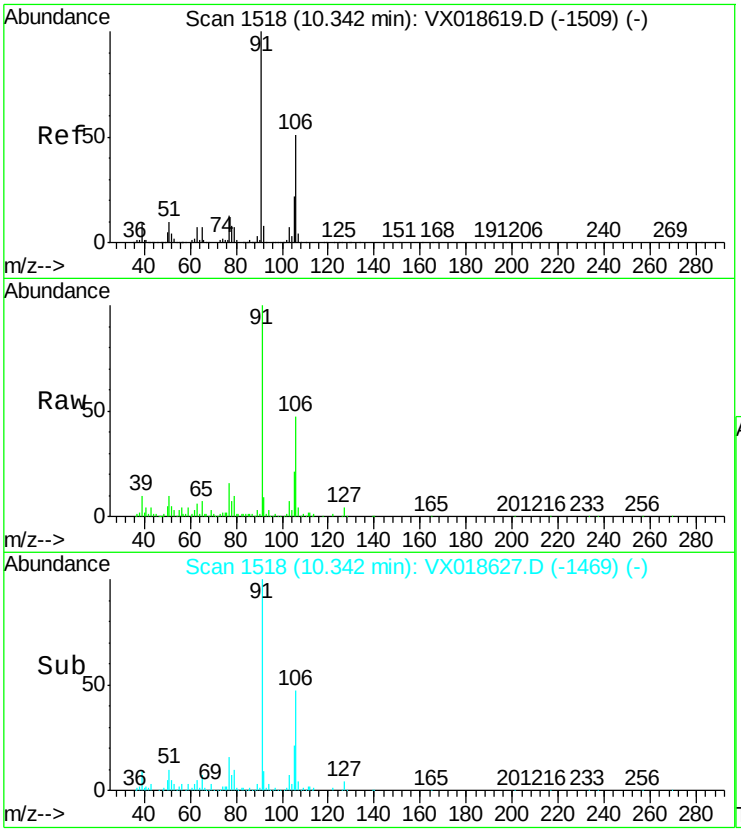


#54
Ethylbenzene
Concen: 2.227 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion: 91 Resp: 134824

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.0	39.0

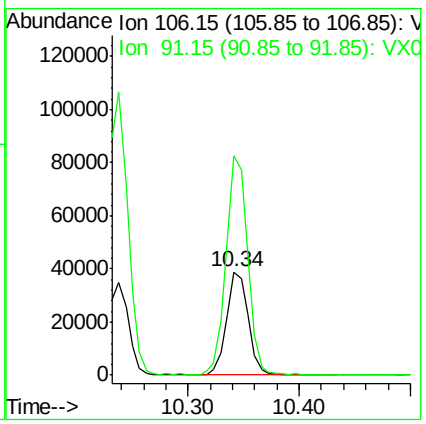




#55
m,p-xylene
Concen: 2.278 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:106 Resp: 52729

Ion	Ratio	Lower	Upper
106	100		
91	212.6	140.3	260.6



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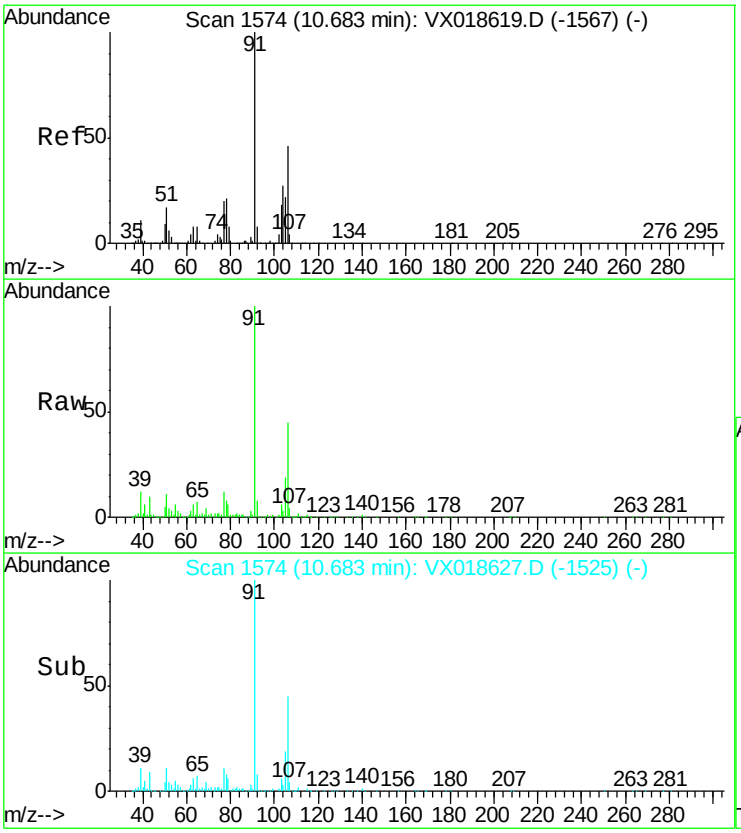
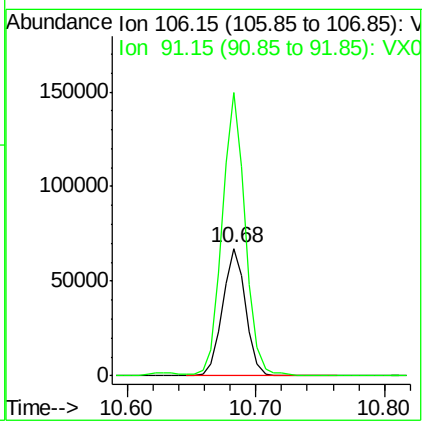
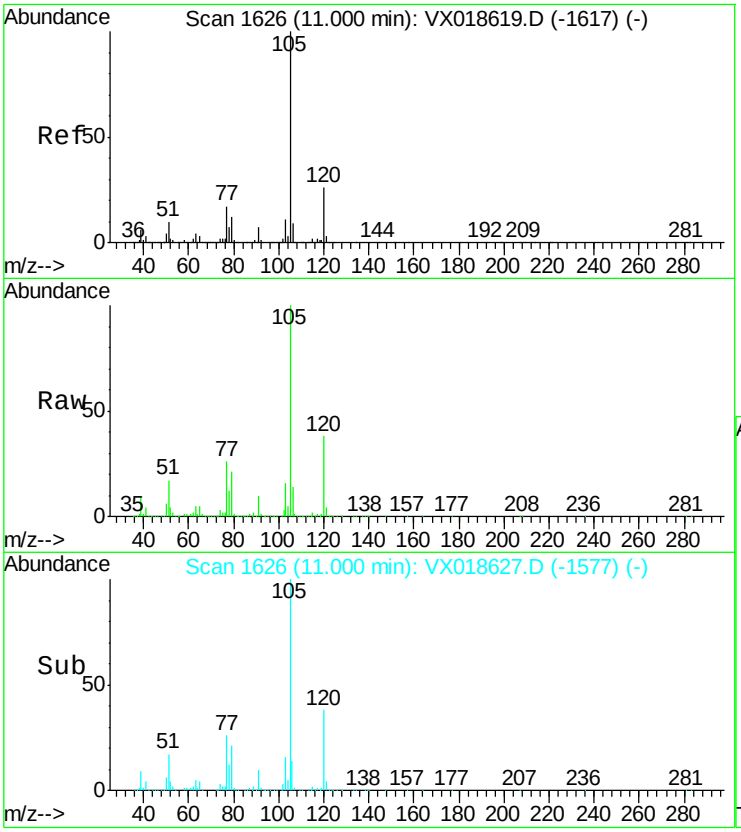


#56
o-xylene
Concen: 3.893 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:106 Resp: 85147

Ion	Ratio	Lower	Upper
106	100		
91	222.0	167.5	311.1

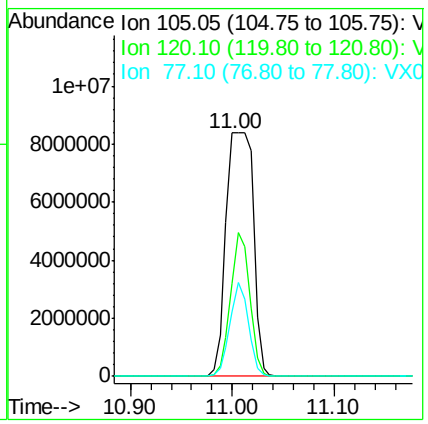




#58
Isopropylbenzene
Concen: 264.477 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:105 Resp:15509185

Ion	Ratio	Lower	Upper
105	100		
120	41.1	21.2	31.8#
77	26.0	13.3	19.9#



Instrument :
MSVOA_X
ClientSampleId :
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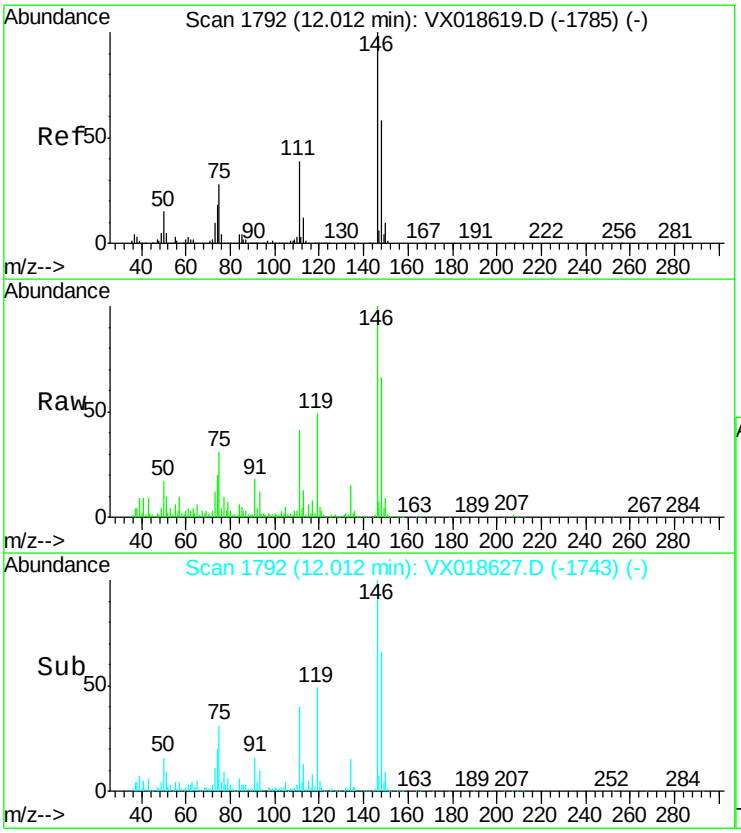
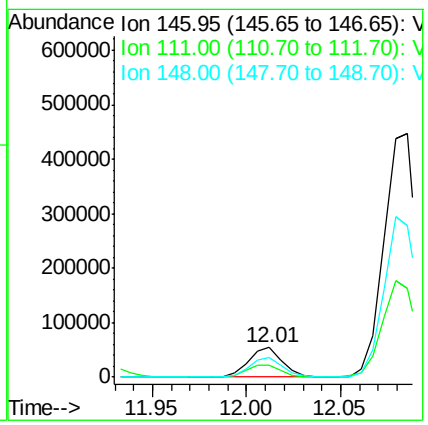
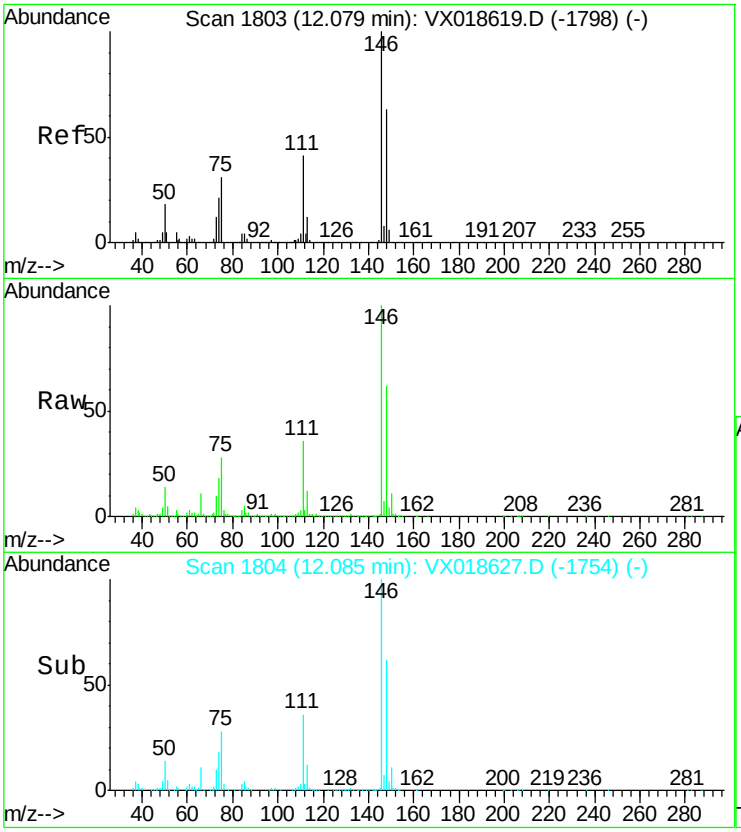


#63
1,3-Dichlorobenzene
Concen: 2.100 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:146 Resp: 66911

Ion	Ratio	Lower	Upper
146	100		
111	40.6	26.7	49.7
148	65.7	44.4	82.5

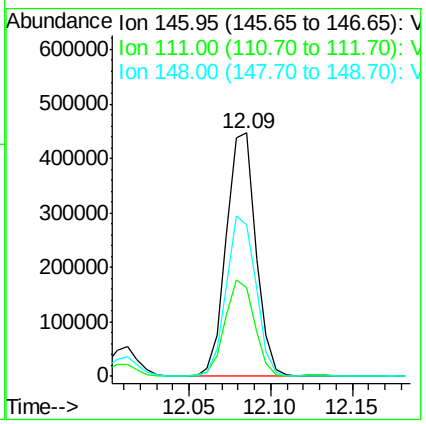




#64
1,4-Dichlorobenzene
Concen: 17.489 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

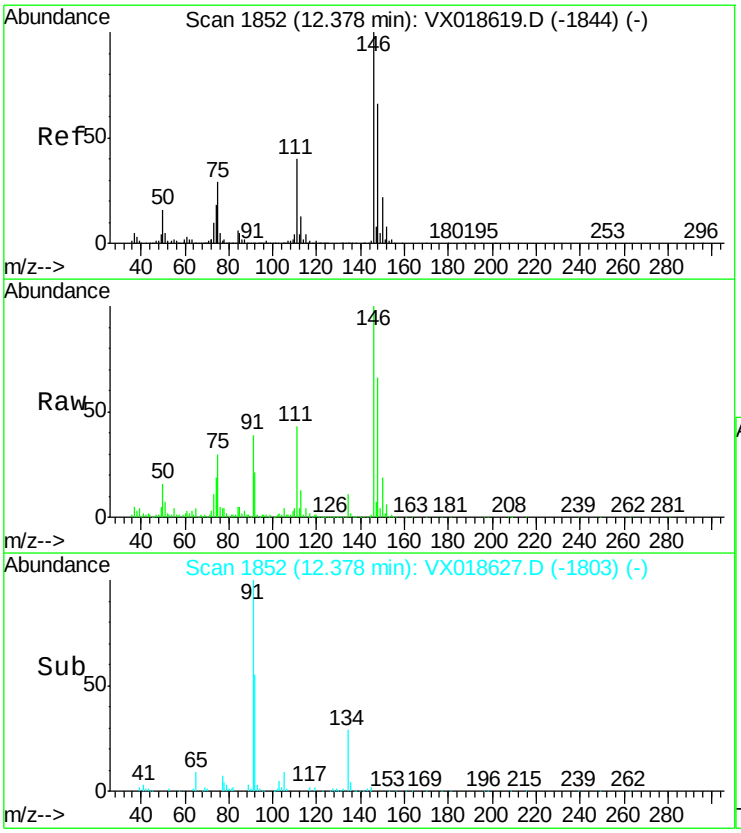
Tgt Ion:146 Resp: 562833

Ion	Ratio	Lower	Upper
146	100		
111	36.3	28.8	53.4
148	62.1	44.9	83.3



Instrument :
MSVOA_X
ClientSampleId :
BG481

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:37 AM



#66
1,2-Dichlorobenzene
Concen: 7.928 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018627.D
Acq: 28 Sep 2020 20:07

Tgt Ion:146 Resp: 235313

Ion	Ratio	Lower	Upper
146	100		
111	43.3	33.6	50.4
148	66.0	53.4	80.2