Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081820\
Data File : VX017956.D
Acq On : 18 Aug 2020 11:55
Operator : JC/SP
Sample : L3697-02DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0M9DL2

Quant Time: Aug 19 02:02:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 19 01:29:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	260947	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	259892	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	67758	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	1.69	69	64177	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.34	63	105153	2.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.60%#			
20) 2-Butanone-d5	4.54	46	267194	55.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.60%			
24) Chloroform-d	5.14	84	179156	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	6.03	65	100100	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	6.05	84	308421	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	7.37	67	105626	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	8.70	98	247077	3.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.80%			
45) trans-1,3-Dichloropropene-	8.99	79	42400	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
48) 2-Hexanone-d5	9.43	63	206356	51.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.96%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	85461	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	110431	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
8) Chloroethane	1.72	64	4234	0.308	ug/L	85
22) cis-1,2-Dichloroethene	4.57	96	8496	0.357	ug/L #	67
33) Benzene	6.11	78	549533	5.973	ug/L	100
42) Toluene	8.77	91	675981	6.768	ug/L	98
53) Chlorobenzene	10.12	112	80703	1.241	ug/L	98
54) Ethylbenzene	10.24	91	111564	1.024	ug/L	96
55) m,p-xylene	10.34	106	105885	2.544	ug/L	93
56) o-xylene	10.68	106	28637	0.710	ug/L	97
58) Isopropylbenzene	11.00	105	17378	0.161	ug/L #	96
64) 1,4-Dichlorobenzene	12.08	146	3458	0.080	ug/L #	81
66) 1,2-Dichlorobenzene	12.38	146	4866	0.121	ug/L #	90

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

Quantitation Report (QT/LSC Reviewed)

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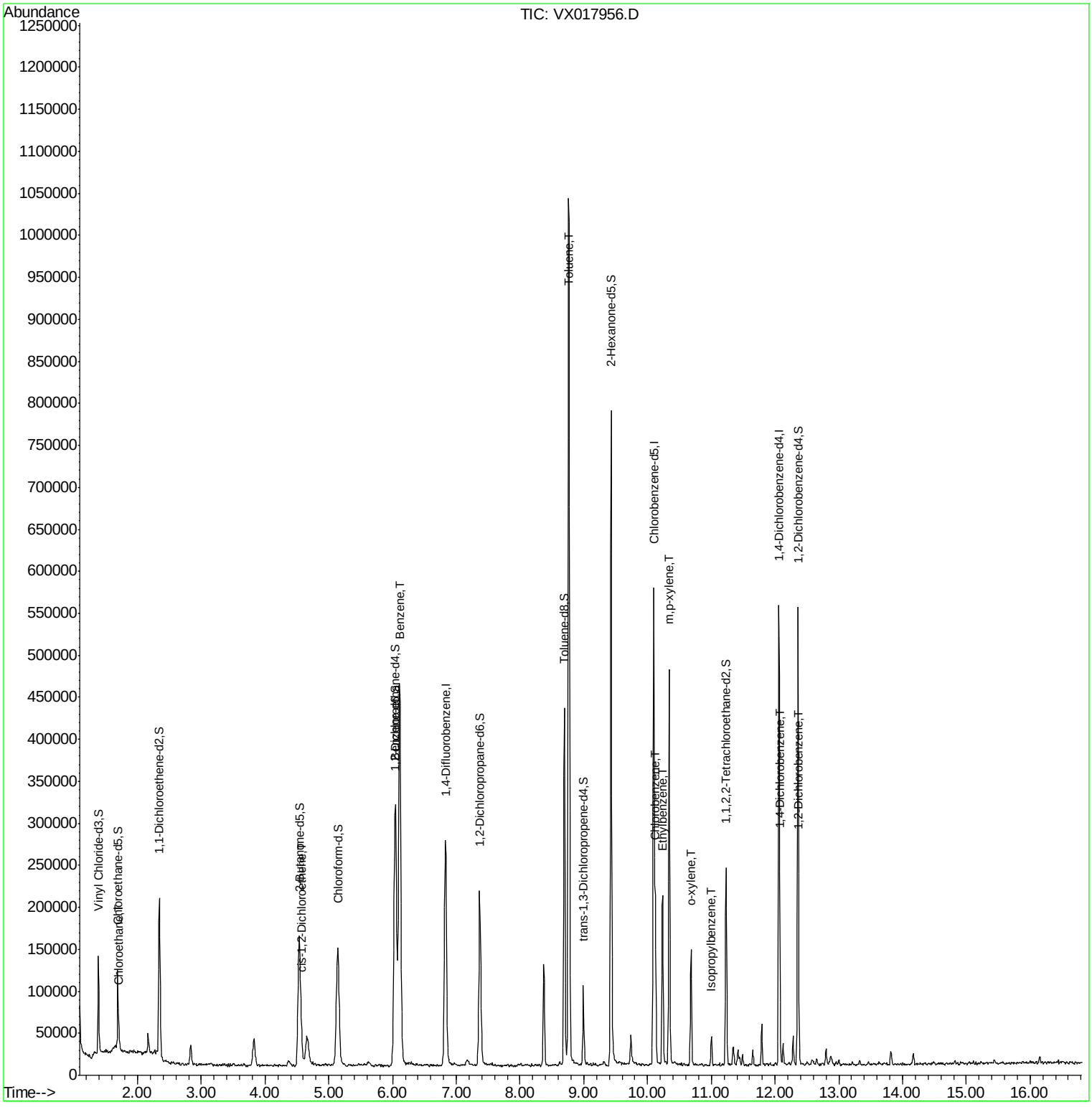
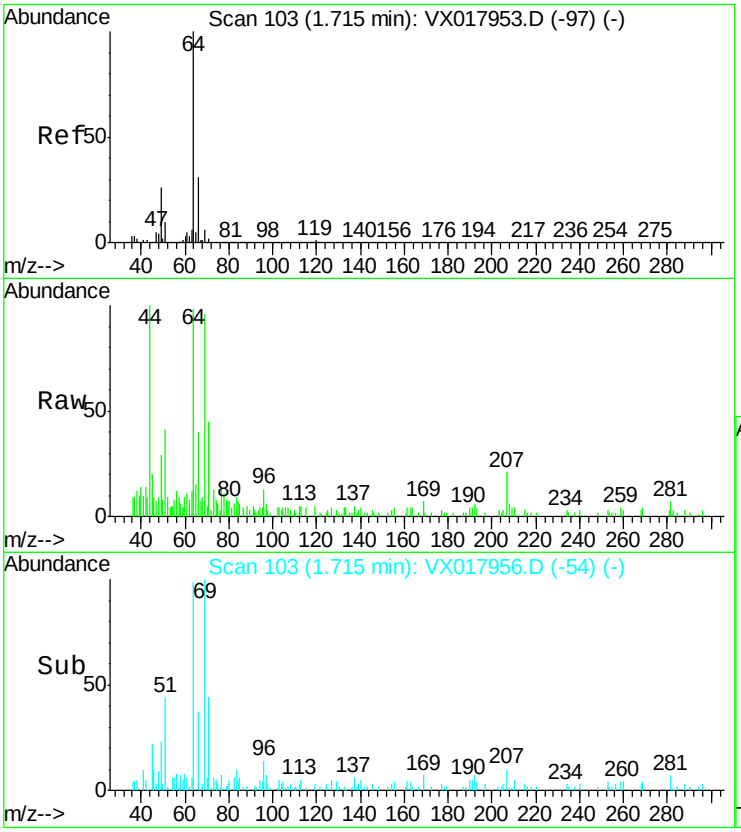
Operator : JC/SP
Sample : L3697-02DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL2

Quant Time: Aug 19 02:02:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 19 01:29:32 2020
Response via : Initial Calibration



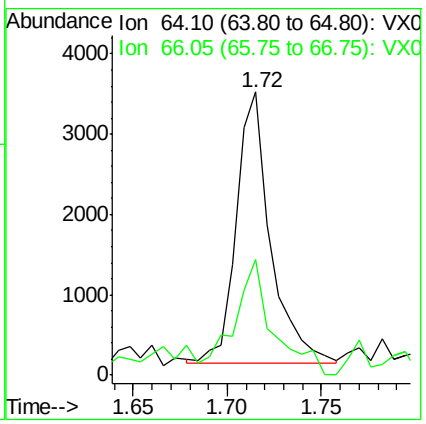


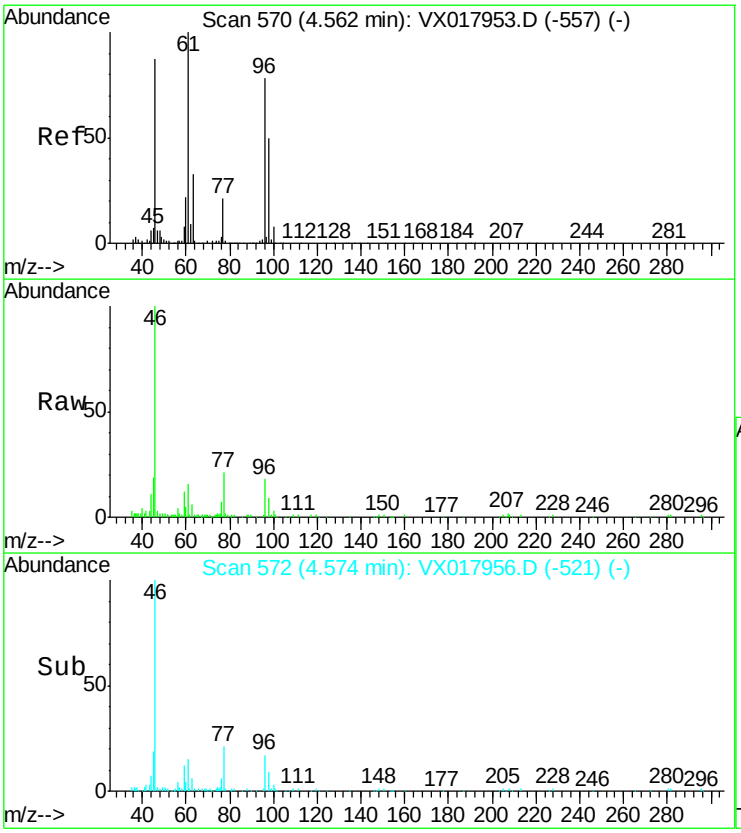
#8
Chloroethane
Concen: 0.308 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL2

Tgt Ion: 64 Resp: 4234

Ion	Ratio	Lower	Upper
64	100		
66	40.8	22.6	42.0

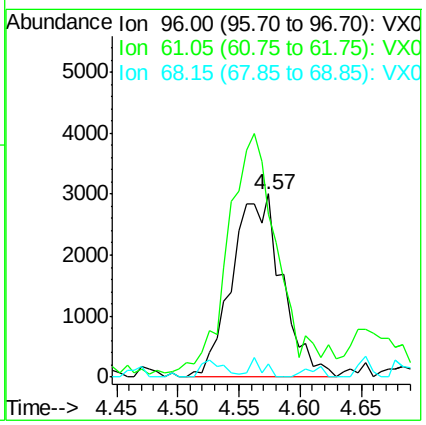


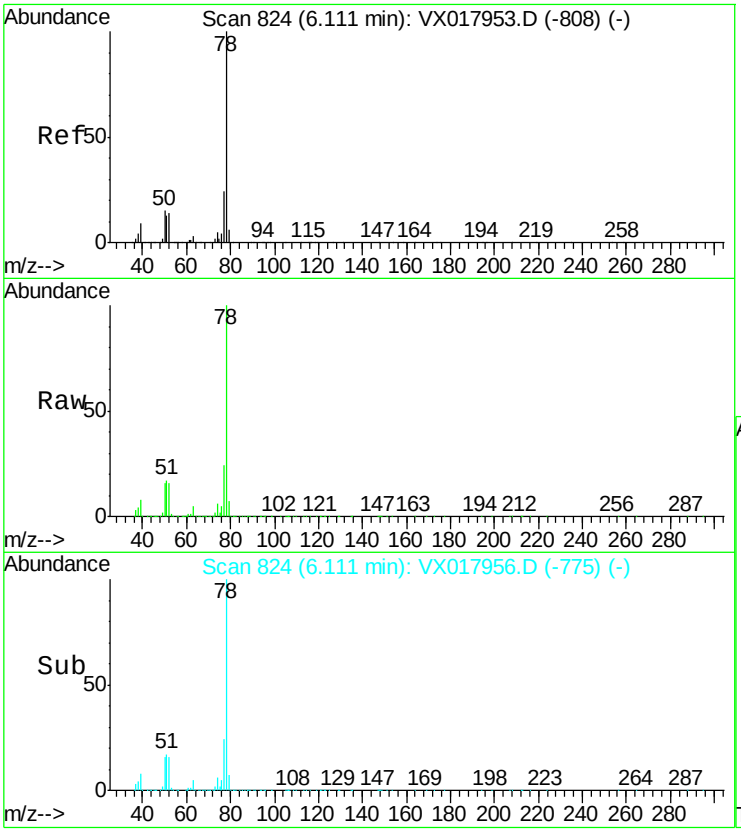


#22
cis-1,2-Dichloroethene
Concen: 0.357 ug/L
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Tgt Ion: 96 Resp: 8496

Ion	Ratio	Lower	Upper
96	100		
61	89.3	88.8	165.0
68	7.0	0.2	0.4#

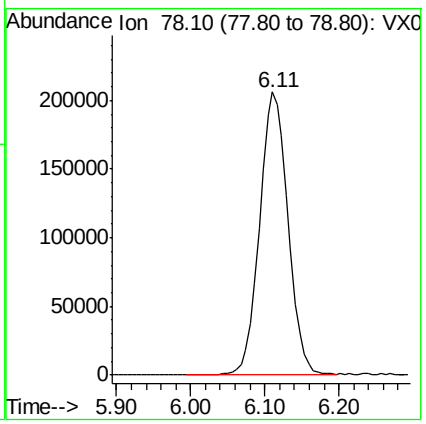


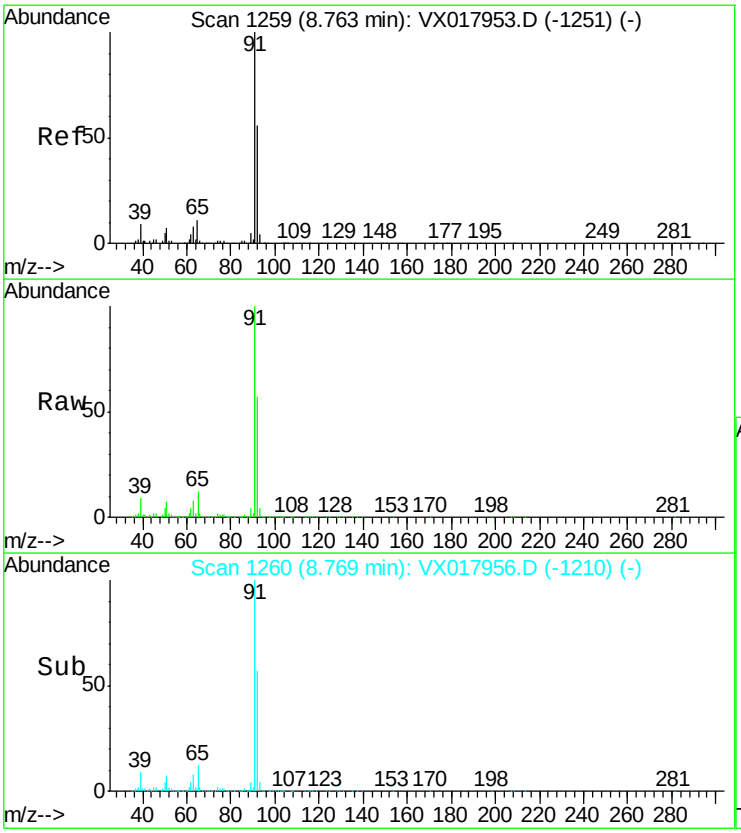


#33
Benzene
Concen: 5.973 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL2

Tgt Ion: 78 Resp: 549533

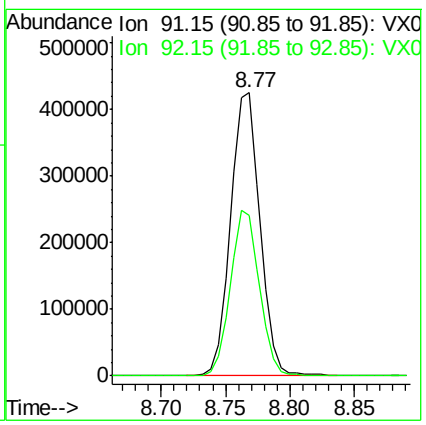


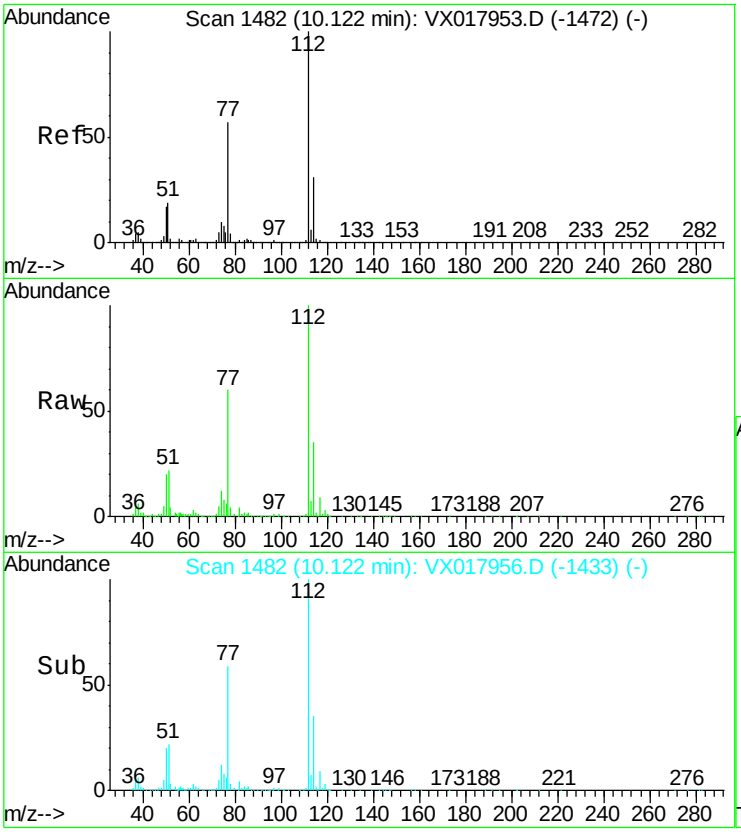


#42
Toluene
Concen: 6.768 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Tgt Ion: 91 Resp: 675981

Ion	Ratio	Lower	Upper
91	100		
92	56.7	38.8	72.0



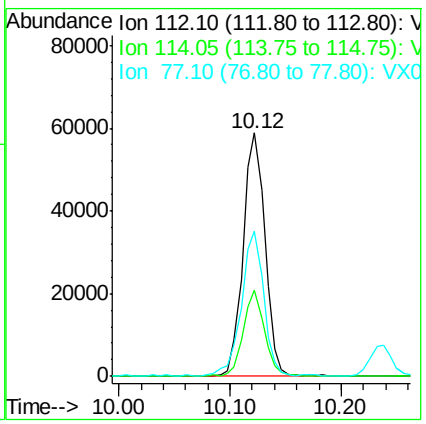


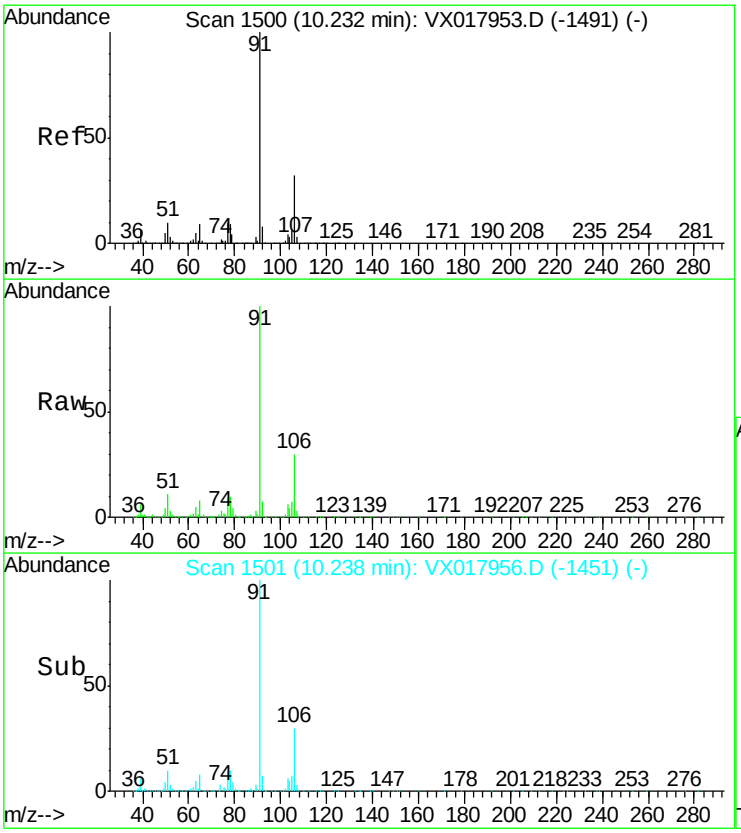
#53
Chlorobenzene
Concen: 1.241 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument : MSVOA_X
ClientSampleId : BG0M9DL2

Tgt Ion:112 Resp: 80703

Ion	Ratio	Lower	Upper
112	100		
114	35.4	23.5	43.7
77	59.6	46.7	70.1

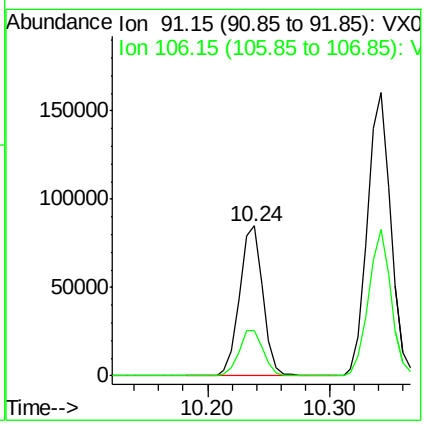


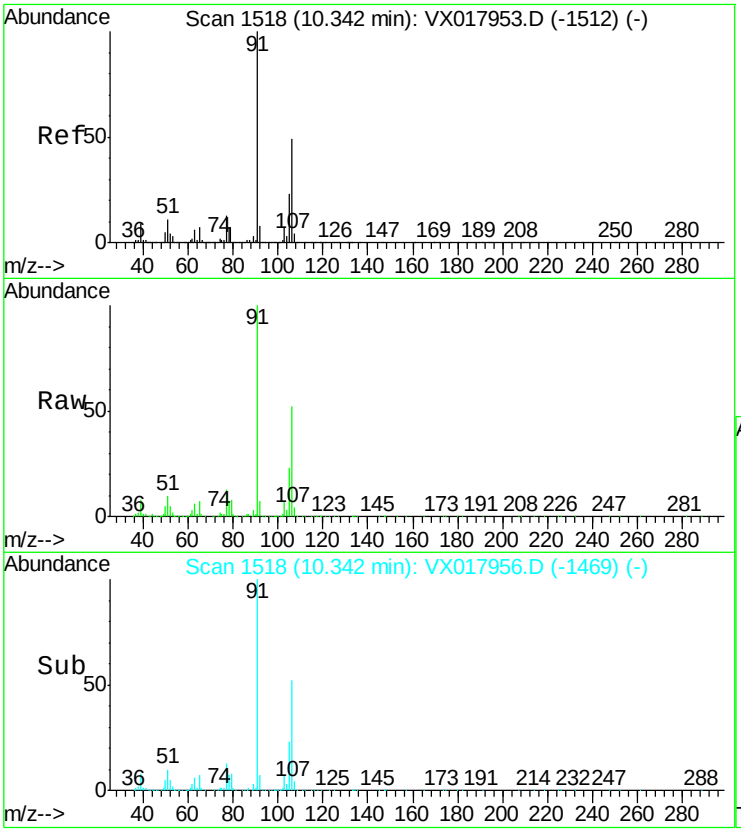


#54
Ethylbenzene
Concen: 1.024 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Tgt Ion: 91 Resp: 111564

Ion	Ratio	Lower	Upper
91	100		
106	30.2	22.5	41.9



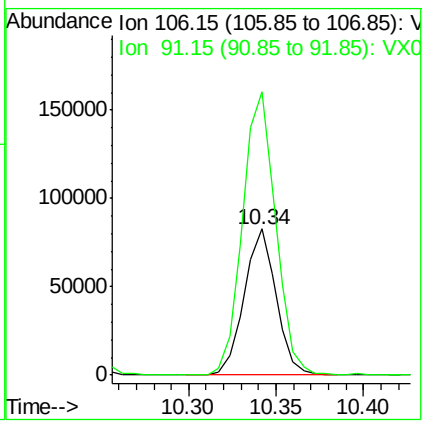


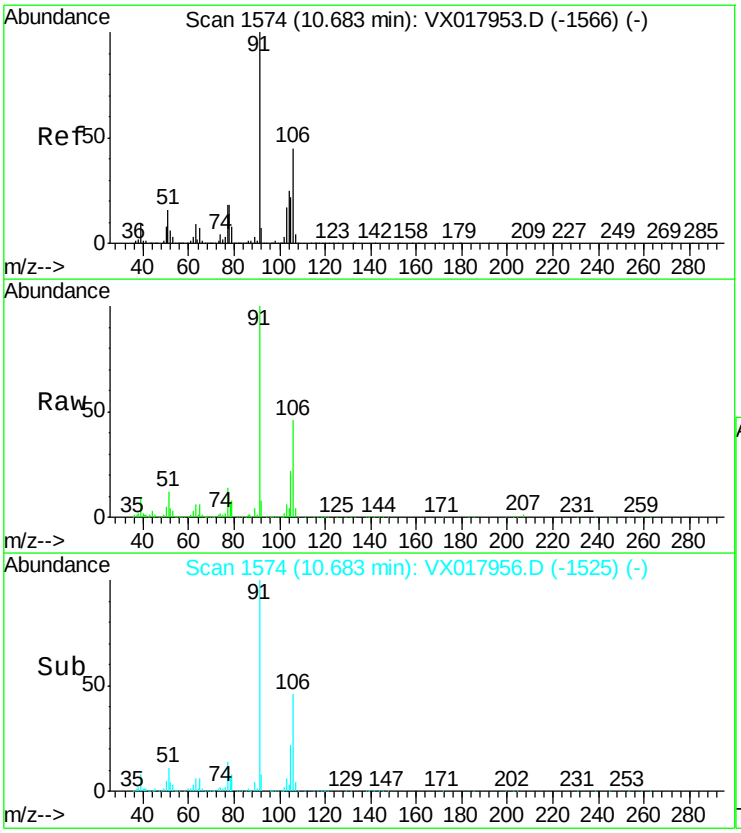
#55
m,p-xylene
Concen: 2.544 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument : MSVOA_X
ClientSampleId : BG0M9DL2

Tgt Ion:106 Resp: 105885

Ion	Ratio	Lower	Upper
106	100		
91	193.5	143.3	266.1

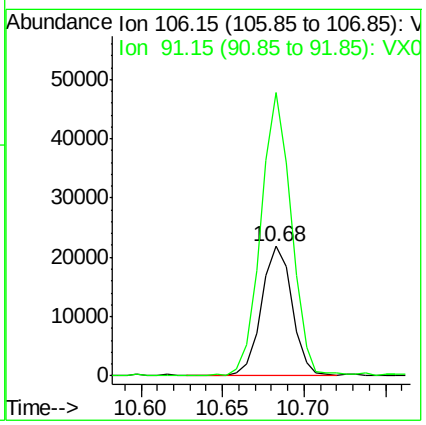


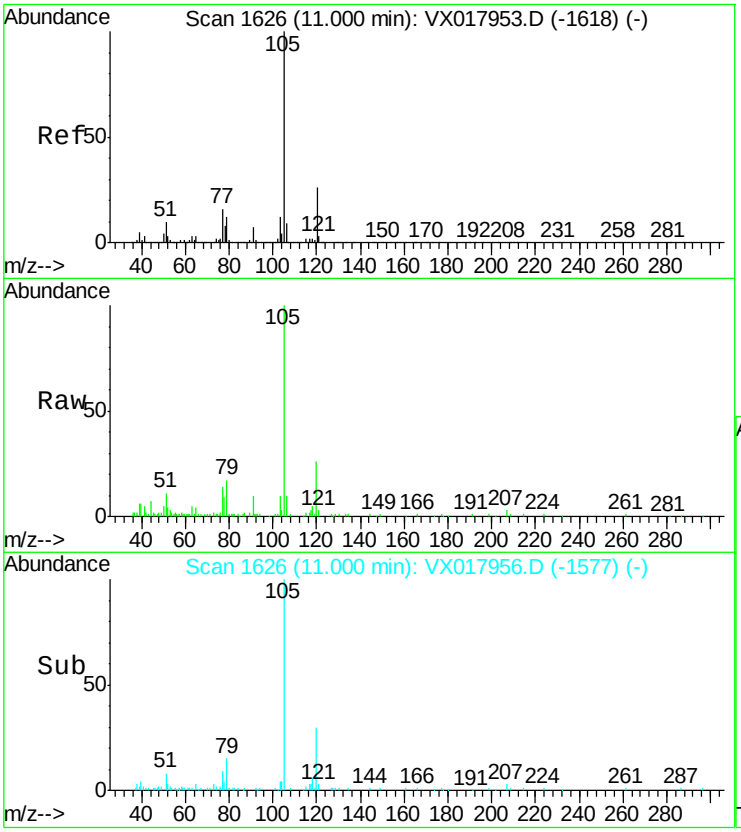


#56
o-xylene
Concen: 0.710 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Tgt Ion:106 Resp: 28637

Ion	Ratio	Lower	Upper
106	100		
91	219.1	149.8	278.2



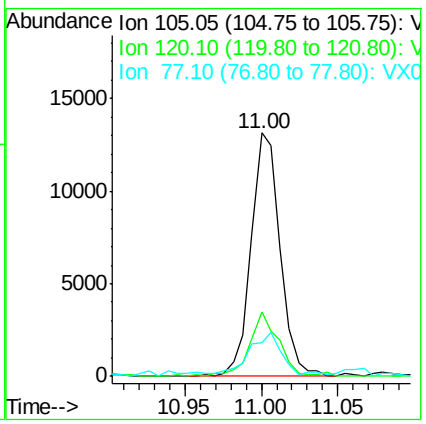


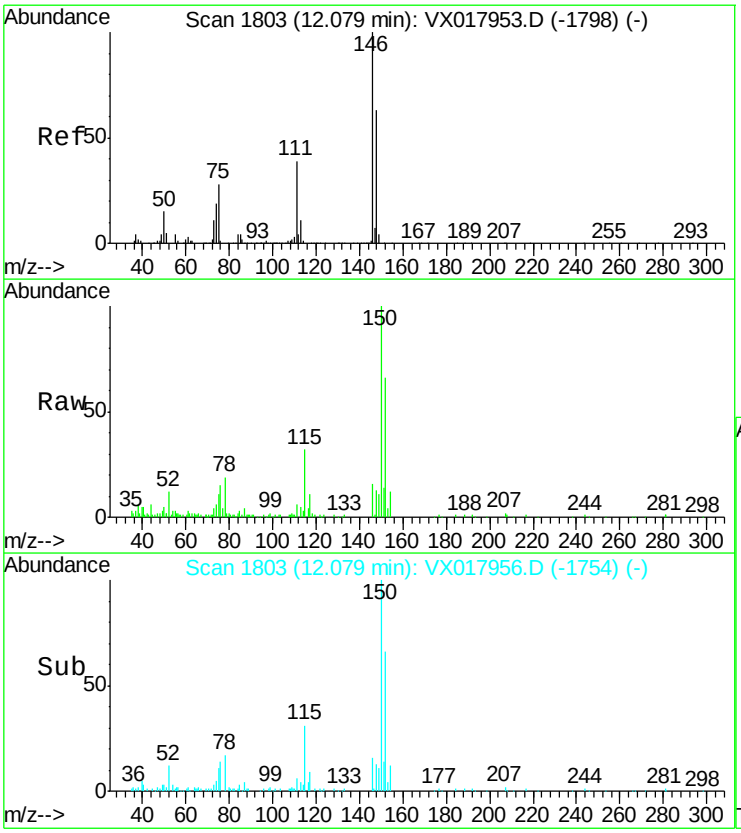
#58
Isopropylbenzene
Concen: 0.161 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument : MSVOA_X
ClientSampleId : BG0M9DL2

Tgt Ion:105 Resp: 17378

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.8	32.6
77	20.2	12.8	19.2#

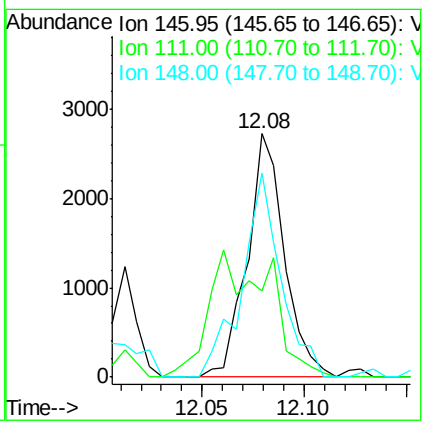


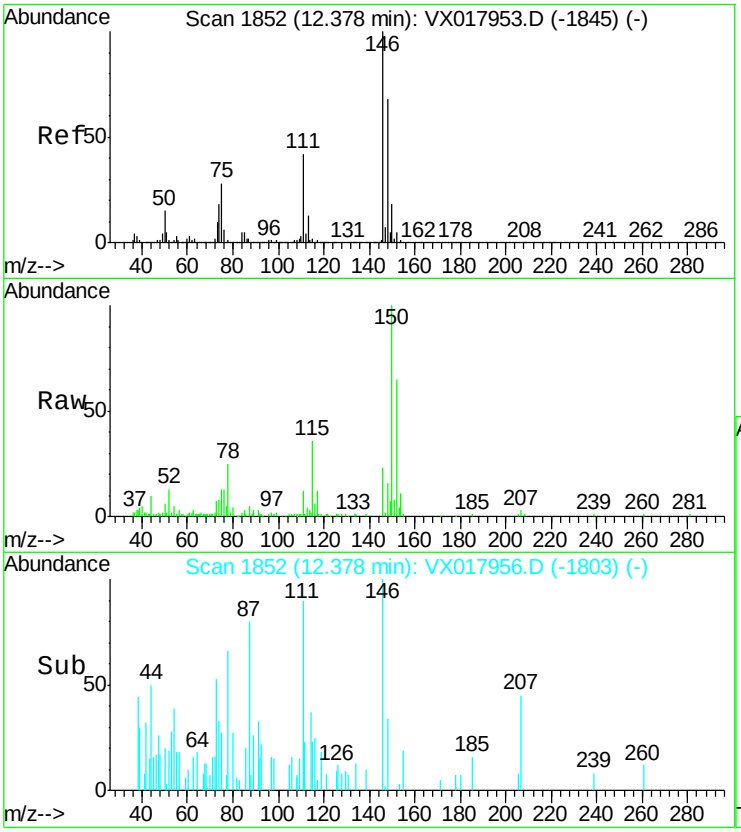


#64
1,4-Dichlorobenzene
Concen: 0.080 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Tgt Ion:146 Resp: 3458

Ion	Ratio	Lower	Upper
146	100		
111	35.2	26.0	48.2
148	83.8	43.2	80.2#





#66
1,2-Dichlorobenzene
Concen: 0.121 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017956.D
Acq: 18 Aug 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
BG0M9DL2

Tgt Ion:146 Resp: 4866

Ion	Ratio	Lower	Upper
146	100		
111	50.6	32.2	48.4#
148	69.9	52.3	78.5