Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081720\

Quantitation Report (LSC Reviewed)

Data File : VX017950.D
Acq On : 17 Aug 2020 20:20
Operator : JC/SP
Sample : L3697-04DL 20X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N1DL

Manual Integrations APPROVED
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Quant Time: Aug 18 02:29:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	254390	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	248563	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	103774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	72028	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.68	69	66460	4.76	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.34	63	115093	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.53	46	266302	57.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.08%			
24) Chloroform-d	5.14	84	171972	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	6.03	65	109263	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.60%			
32) Benzene-d6	6.05	84	334920	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	7.37	67	111963	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	8.70	98	278197	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
45) trans-1,3-Dichloropropene-	8.99	79	44147	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
48) 2-Hexanone-d5	9.43	63	215537	56.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.54%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84540	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	115187	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			

Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	3763m	0.157	ug/L	
8) Chloroethane	1.71	64	9287	0.693	ug/L	92
13) Acetone	2.42	43	6688	1.961	ug/L	91
22) cis-1,2-Dichloroethene	4.56	96	16168	0.696	ug/L #	90
33) Benzene	6.11	78	1227750	13.952	ug/L	100
42) Toluene	8.77	91	1705781	17.857	ug/L	96
53) Chlorobenzene	10.12	112	184872	2.973	ug/L	97
54) Ethylbenzene	10.24	91	246920	2.369	ug/L	99
55) m,p-xylene	10.34	106	278541	6.998	ug/L	92
56) o-xylene	10.68	106	80206	2.078	ug/L	96
58) Isopropylbenzene	11.00	105	39166	0.379	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	8454	0.210	ug/L #	90
66) 1,2-Dichlorobenzene	12.38	146	10356	0.276	ug/L #	80

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081720\

Quantitation Report (LSC Reviewed)

Data File : VX017950.D
Acq On : 17 Aug 2020 20:20
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Quant Time: Aug 18 02:29:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 00:59:21 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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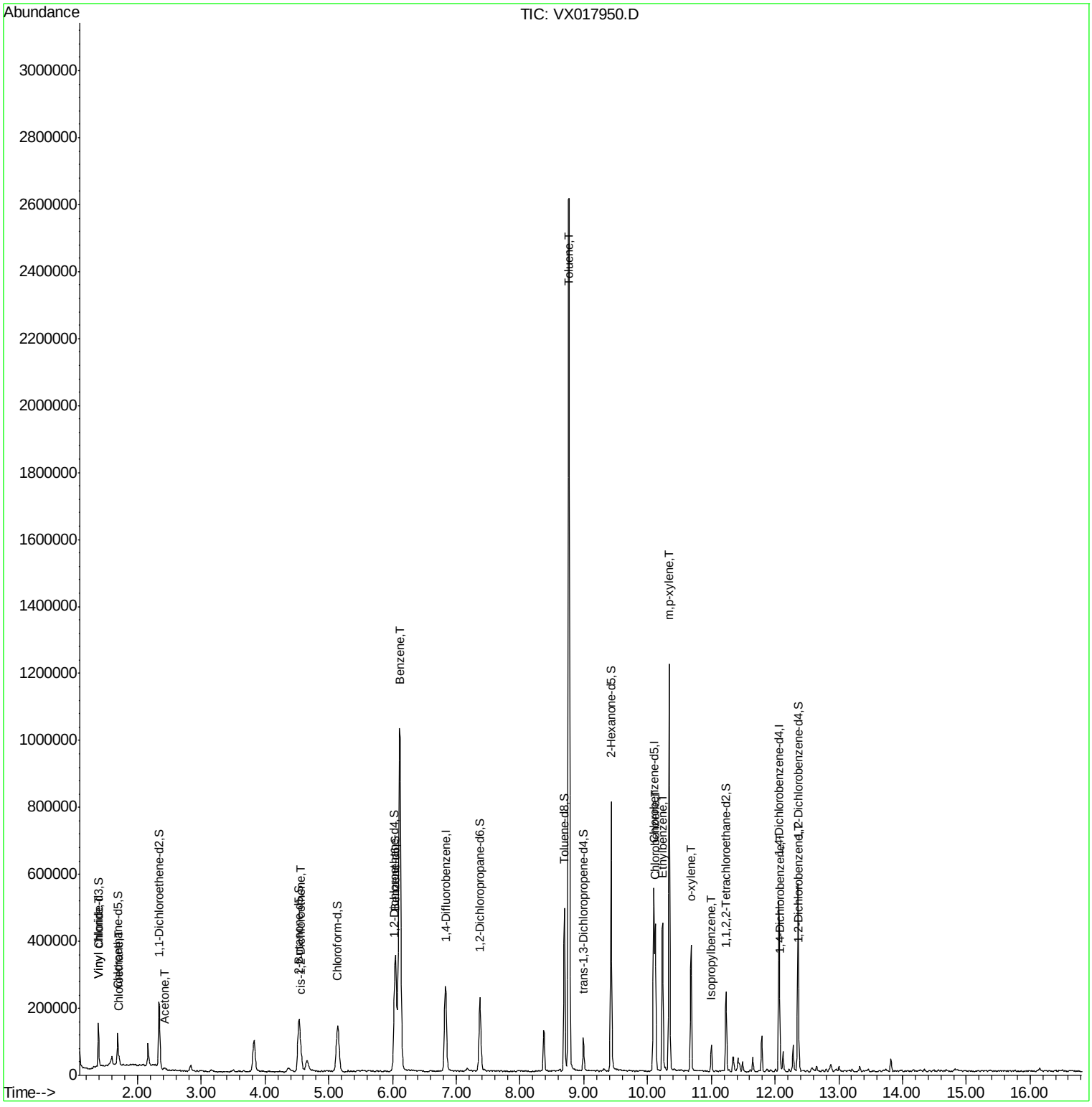
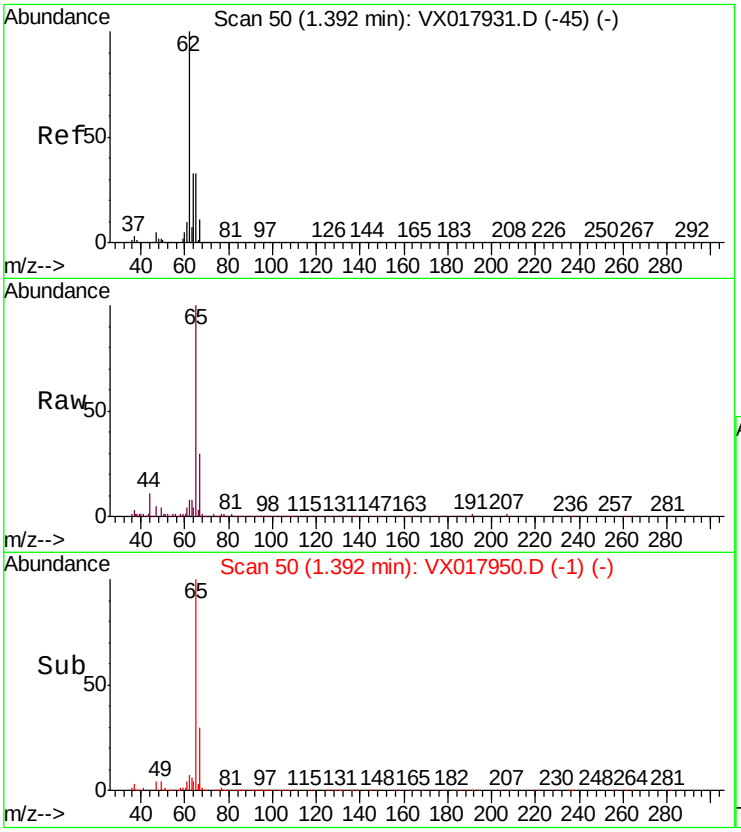
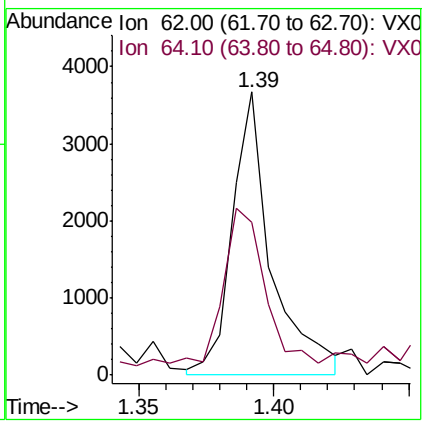




#5
Vinyl chloride
Concen: 0.157 ug/L m
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 62 Resp: 3763

Ion	Ratio	Lower	Upper
62	100		
64	53.9	21.3	39.6#



Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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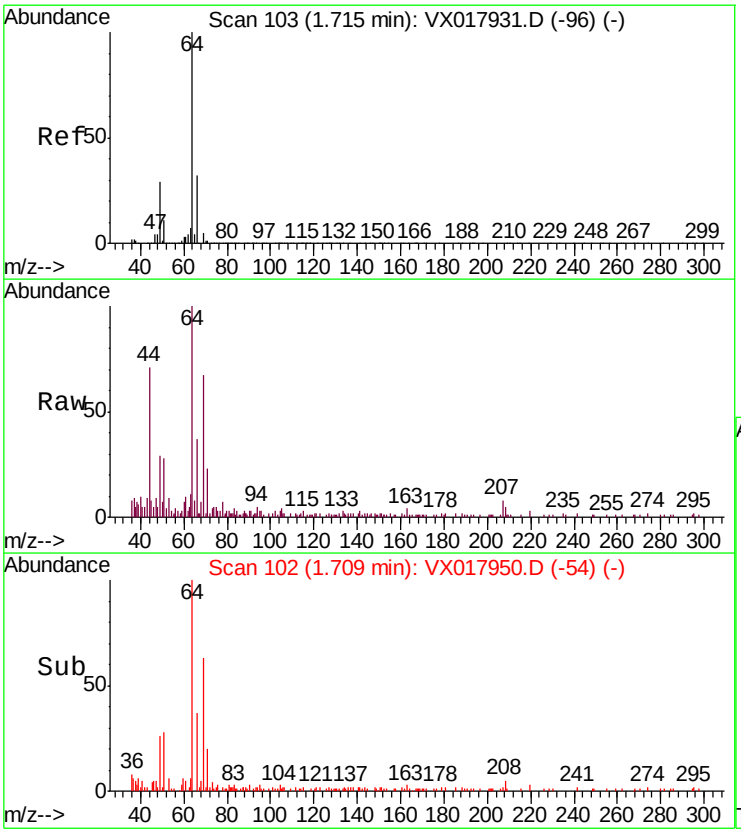
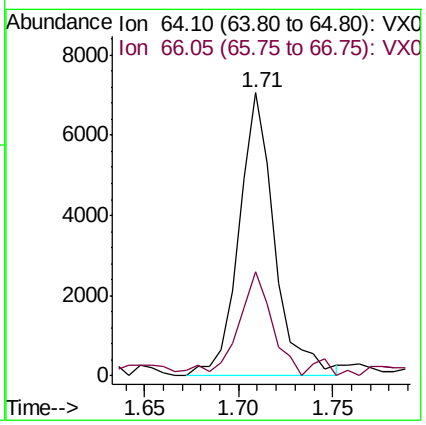
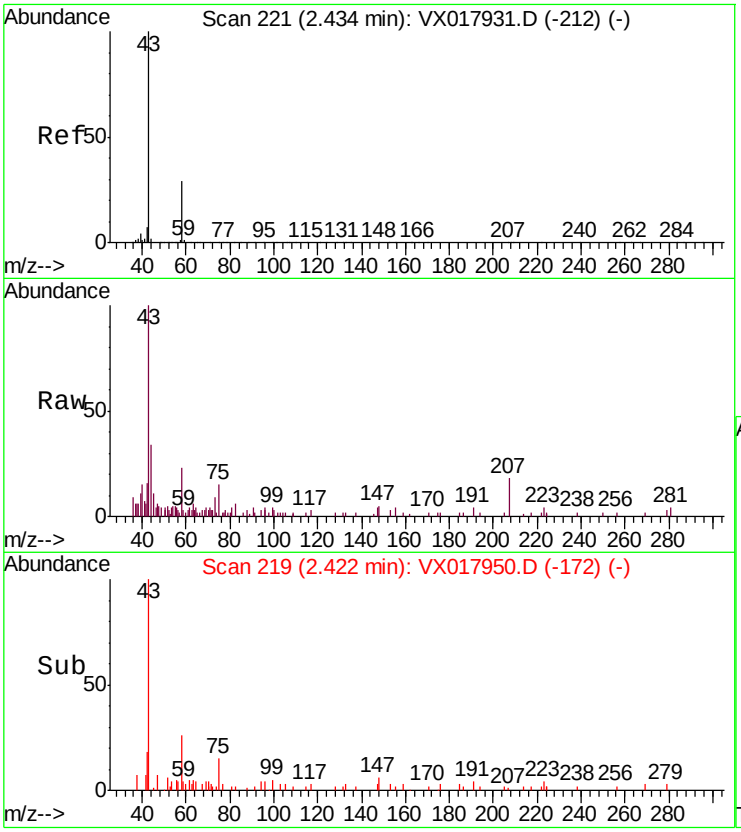


#8
Chloroethane
Concen: 0.693 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 64 Resp: 9287

Ion	Ratio	Lower	Upper
64	100		
66	37.0	22.6	42.0

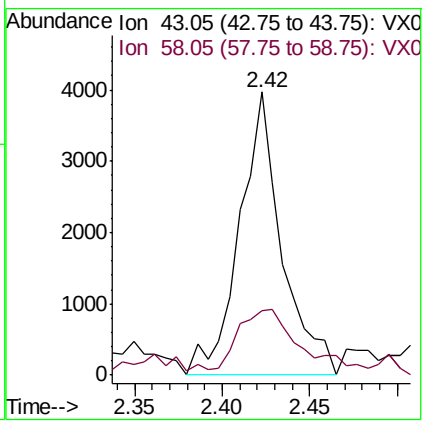




#13
Acetone
Concen: 1.961 ug/L
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 43 Resp: 6688

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	60.8



Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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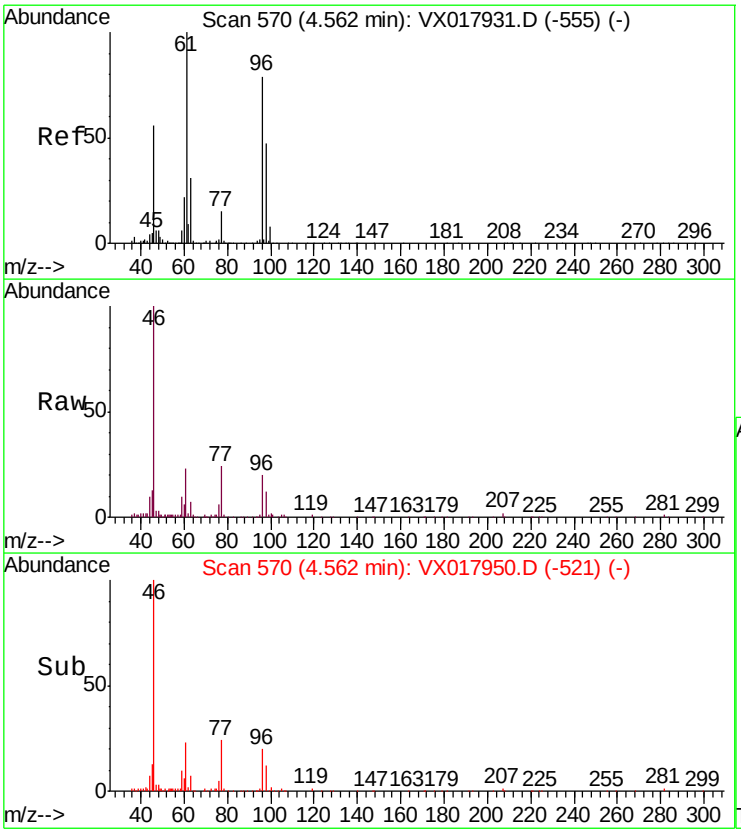
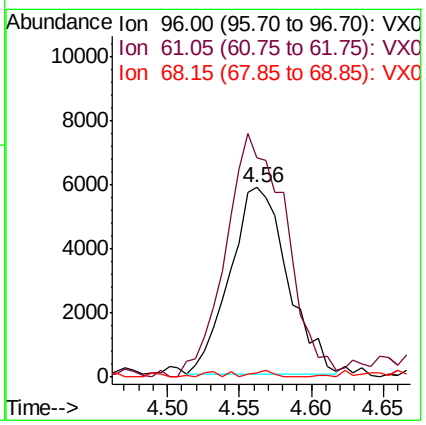
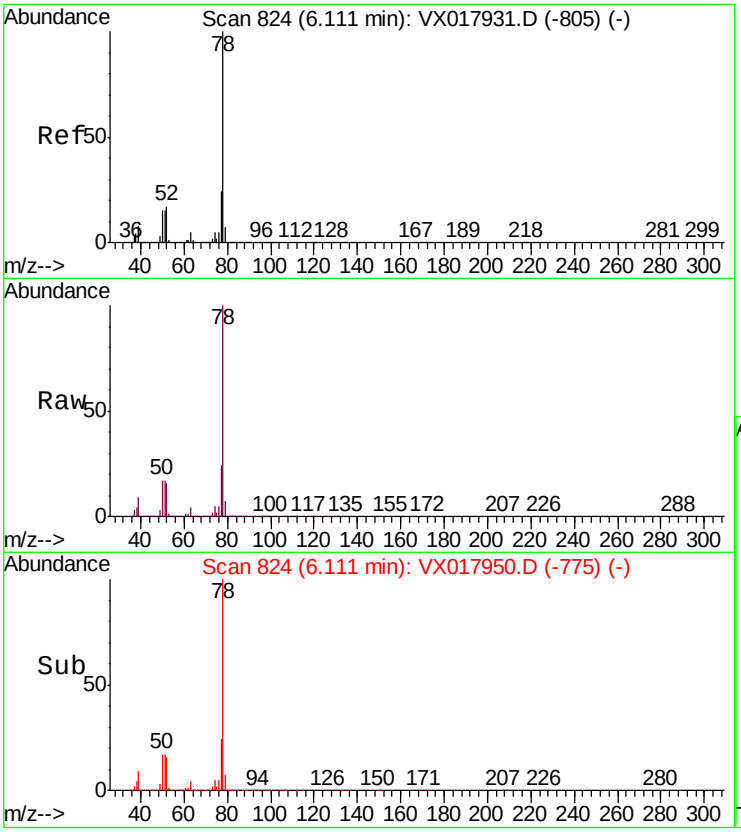


#22
cis-1,2-Dichloroethene
Concen: 0.696 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 96 Resp: 16168

Ion	Ratio	Lower	Upper
96	100		
61	115.7	88.8	165.0
68	2.1	0.2	0.4#





#33
Benzene
Concen: 13.952 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 78 Resp: 1227750

Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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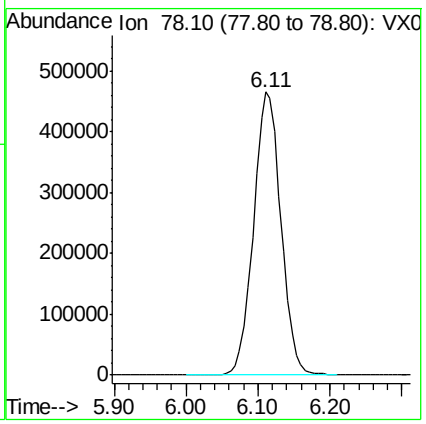
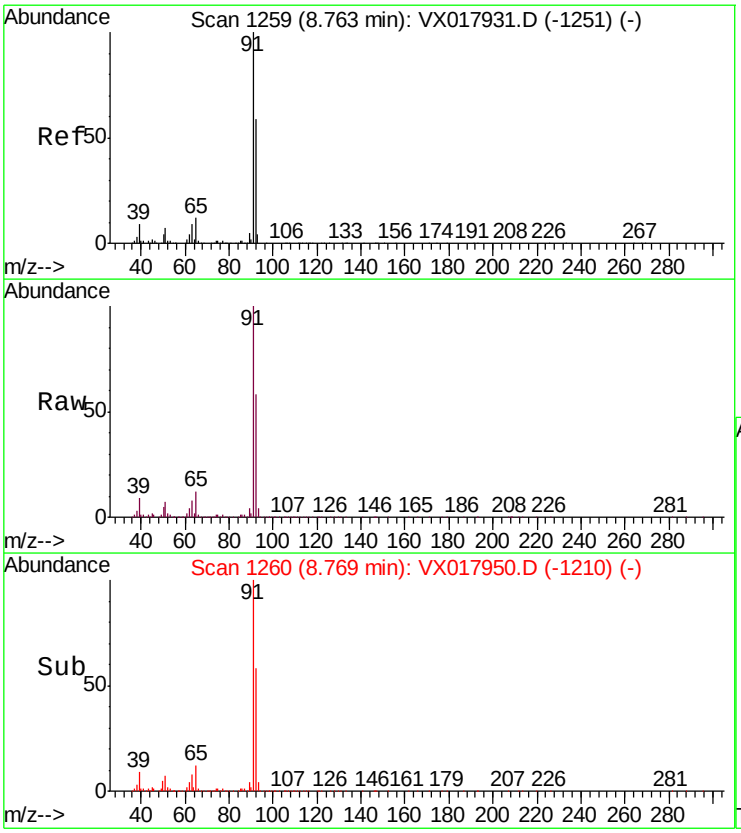
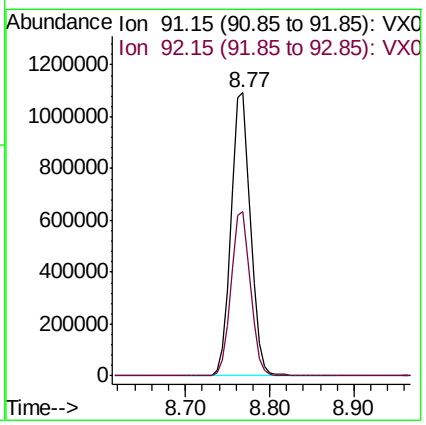


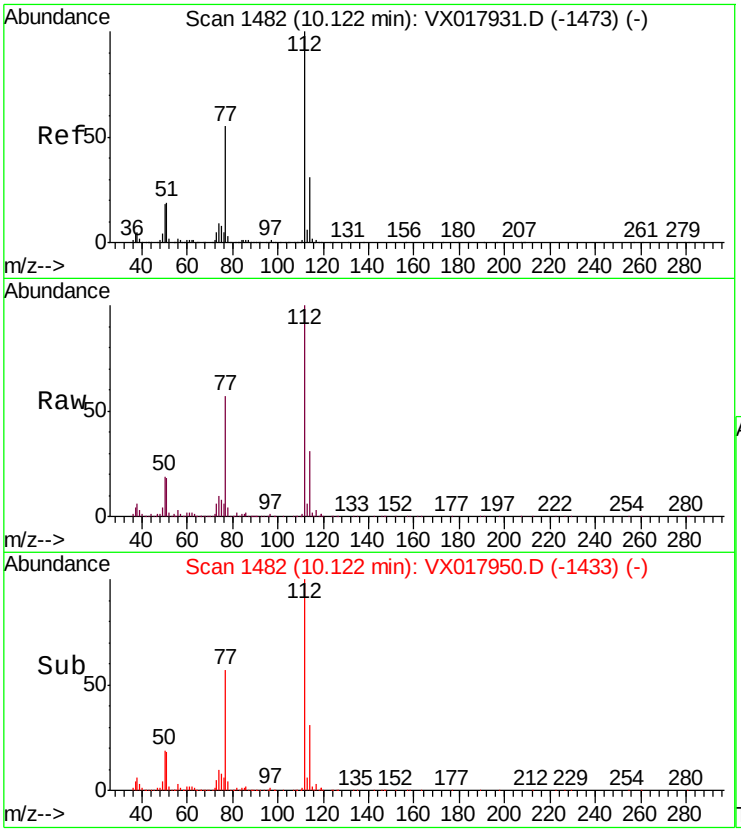


#42
Toluene
Concen: 17.857 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 91 Resp: 1705781

Ion	Ratio	Lower	Upper
91	100		
92	58.2	38.8	72.0





#53
Chlorobenzene
Concen: 2.973 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:112 Resp: 184872

Ion	Ratio	Lower	Upper
112	100		
114	30.8	23.5	43.7
77	56.9	46.7	70.1

Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

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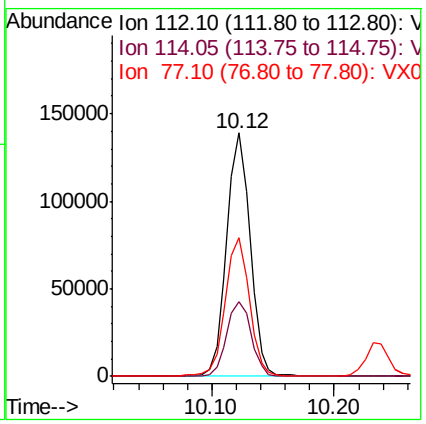
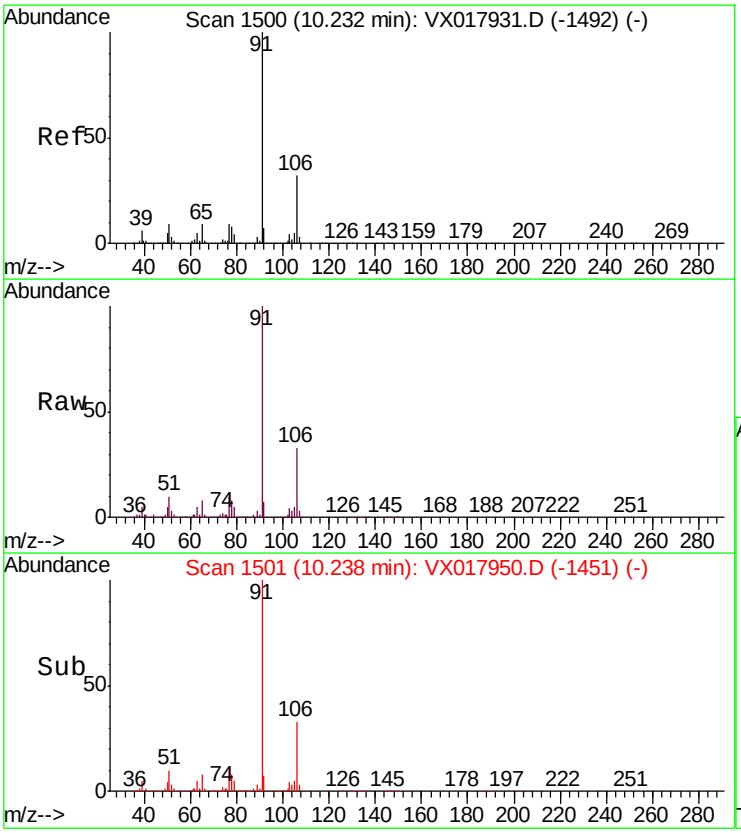
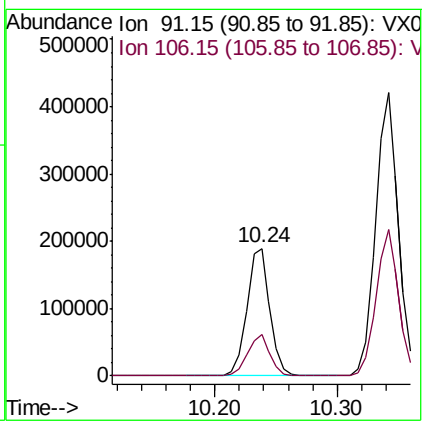


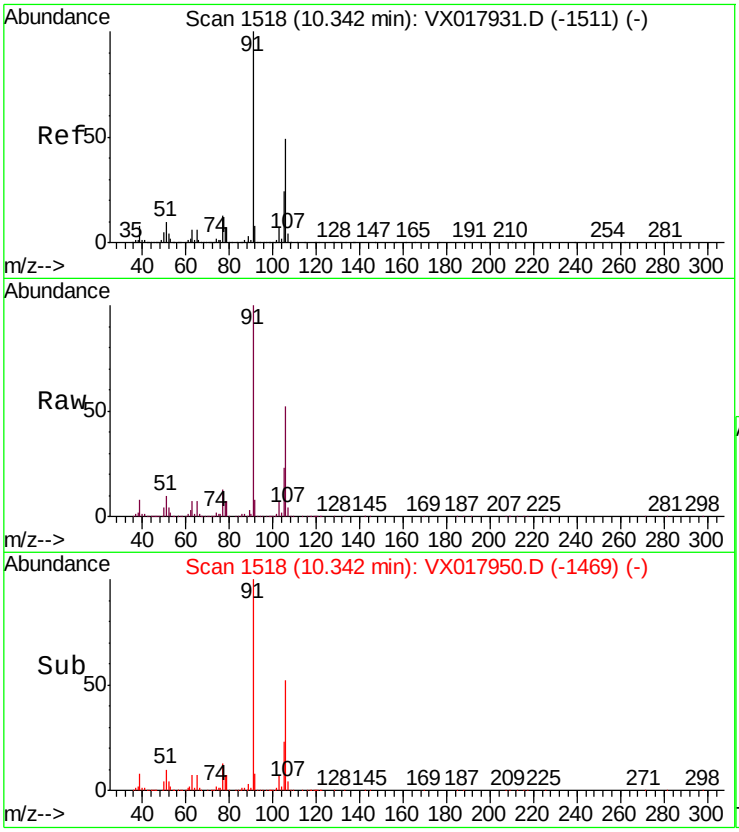


#54
Ethylbenzene
Concen: 2.369 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion: 91 Resp: 246920

Ion	Ratio	Lower	Upper
91	100		
106	32.7	22.5	41.9





#55
m,p-xylene
Concen: 6.998 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:106 Resp: 278541

Ion	Ratio	Lower	Upper
106	100		
91	192.9	143.3	266.1

Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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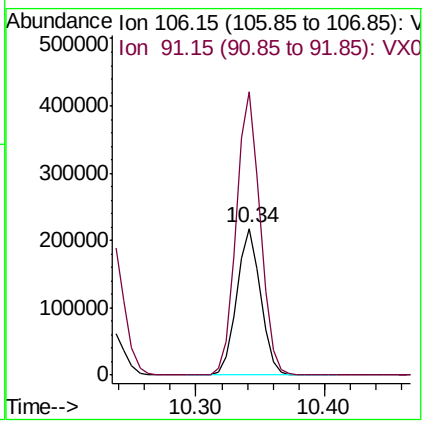
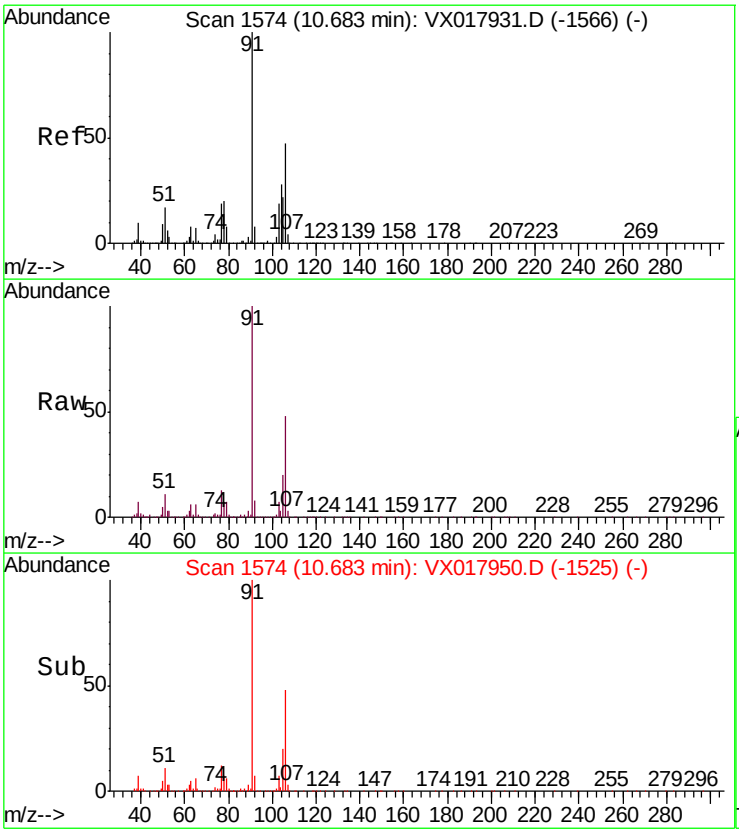
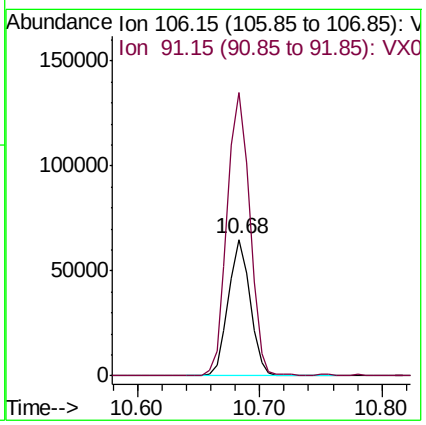


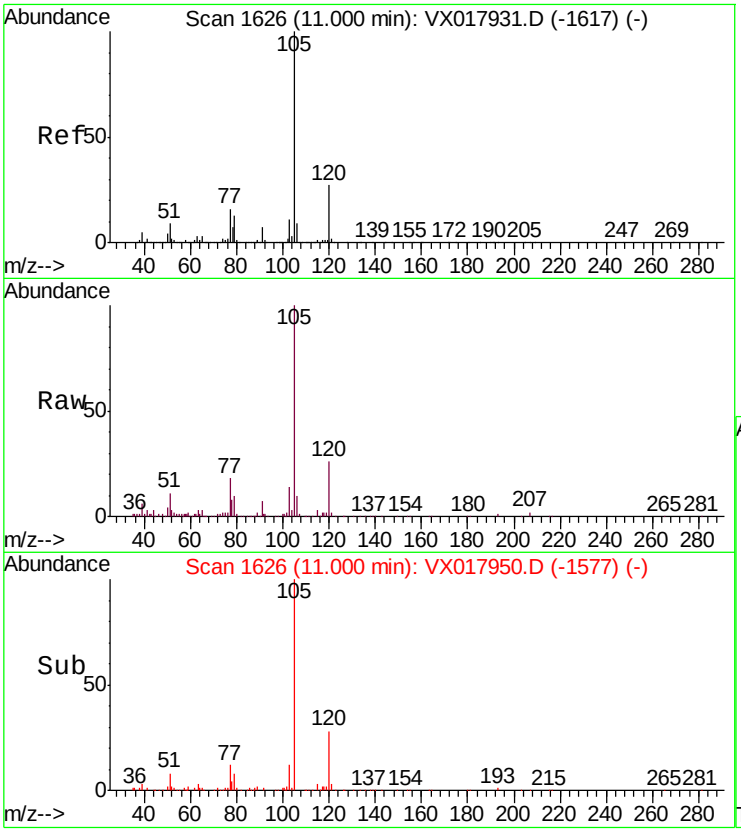


#56
o-xylene
Concen: 2.078 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:106 Resp: 80206

Ion	Ratio	Lower	Upper
106	100		
91	207.2	149.8	278.2

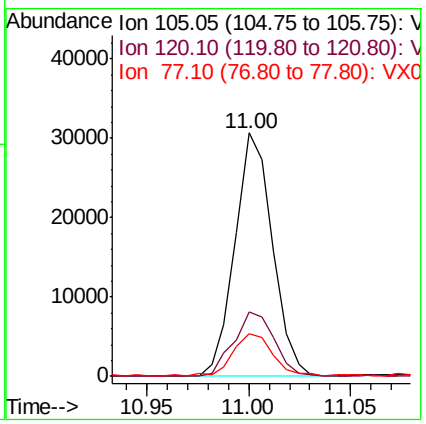




#58
Isopropylbenzene
Concen: 0.379 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:105 Resp: 39166

Ion	Ratio	Lower	Upper
105	100		
120	28.5	21.8	32.6
77	18.9	12.8	19.2



Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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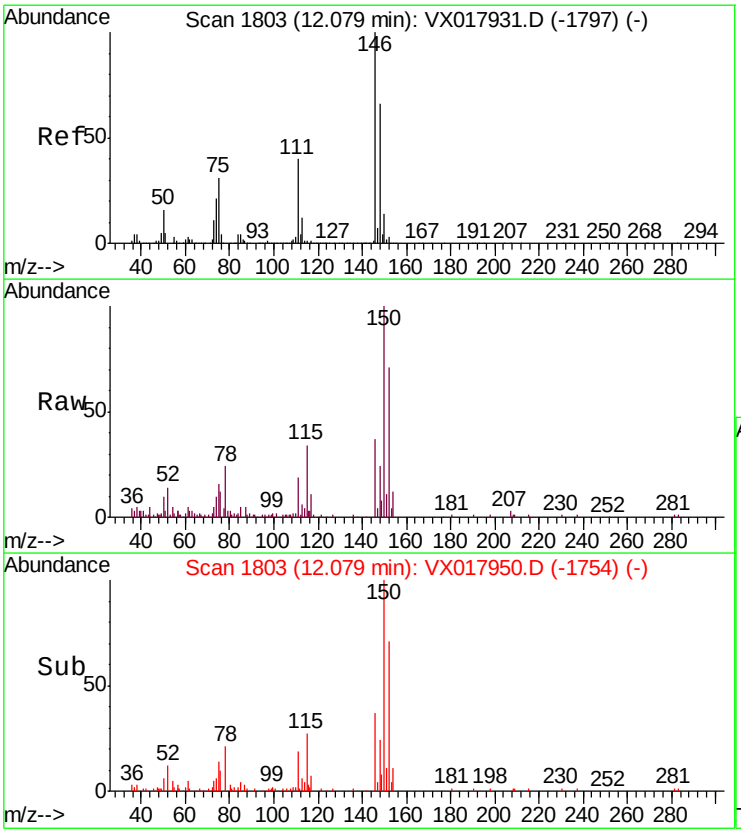
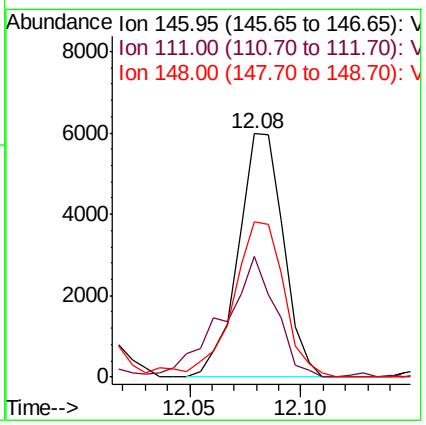
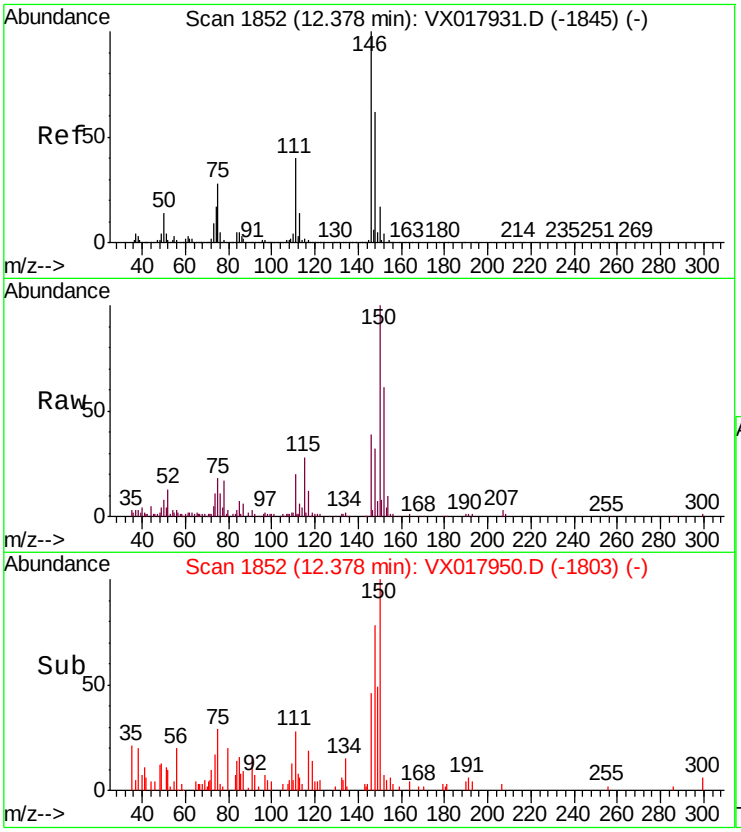


#64
1,4-Dichlorobenzene
Concen: 0.210 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:146 Resp: 8454

Ion	Ratio	Lower	Upper
146	100		
111	49.7	26.0	48.2#
148	63.9	43.2	80.2

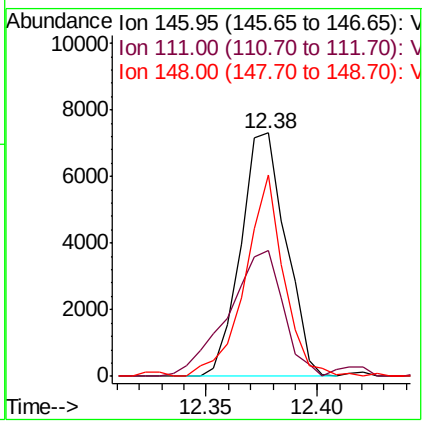




#66
1,2-Dichlorobenzene
Concen: 0.276 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX017950.D
Acq: 17 Aug 2020 20:20

Tgt Ion:146 Resp: 10356

Ion	Ratio	Lower	Upper
146	100		
111	51.5	32.2	48.4#
148	82.8	52.3	78.5#



Instrument :
MSVOA_X
ClientSampleId :
BG0N1DL

Manual Integrations APPROVED
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8/18/2020 2:11:48 PM