Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

Quant Time: Jul 23 04:14:06 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	6.83	114	484078	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	440099	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	224602	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	135785	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.69	69	104092	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.20%			
11) 1,1-Dichloroethene-d2	2.34	63	205427	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.53	46	336227	47.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.60%			
24) Chloroform-d	5.14	84	257252	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	6.03	65	142528	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
32) Benzene-d6	6.05	84	516175	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	7.37	67	158912	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	8.70	98	484713	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
45) trans-1,3-Dichloropropene-	8.99	79	67826	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
48) 2-Hexanone-d5	9.43	63	265880	53.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.64%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	107971	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	181239	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
13) Acetone	2.42	43	76807	13.533	ug/L	99
15) Methyl Acetate	2.75	43	37521	2.271	ug/L #	74
16) Methylene chloride	2.83	84	10837	0.230	ug/L	96
22) cis-1,2-Dichloroethene	4.56	96	6553	0.182	ug/L #	79
30) Cyclohexane	5.56	56	9106	0.191	ug/L #	87
33) Benzene	6.12	78	90683	0.700	ug/L	100
34) Trichloroethene	7.19	95	8646	0.247	ug/L	88
35) Methylcyclohexane	7.43	83	9681	0.205	ug/L #	49
42) Toluene	8.76	91	151493	1.166	ug/L	98
54) Ethylbenzene	10.24	91	230477	1.635	ug/L	98
55) m,p-xylene	10.34	106	287911	5.116	ug/L	99
56) o-xylene	10.68	106	63123	1.156	ug/L	95
58) Isopropylbenzene	11.00	105	15081	0.107	ug/L #	93

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

Quantitation Report (LSC Reviewed)

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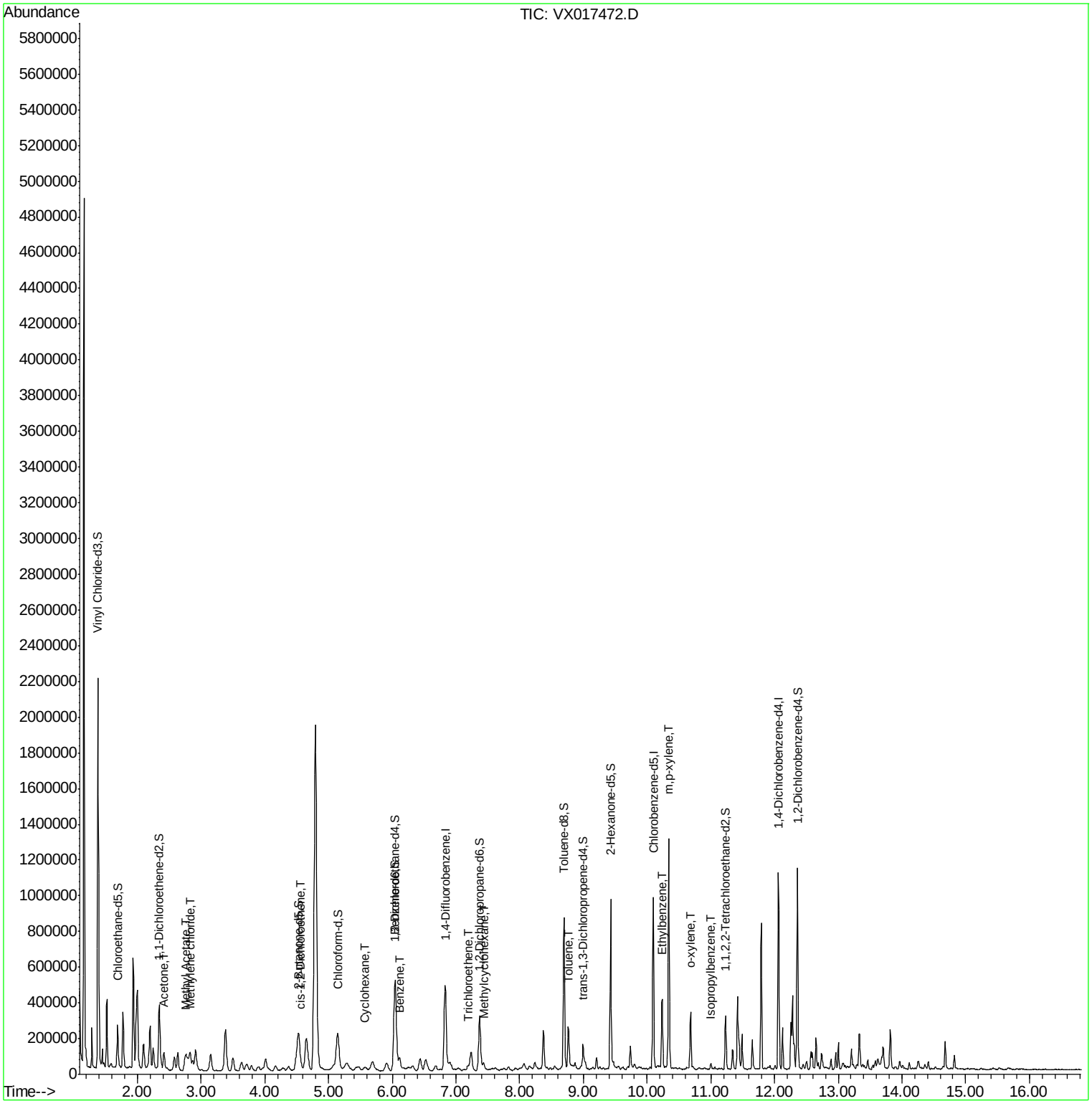
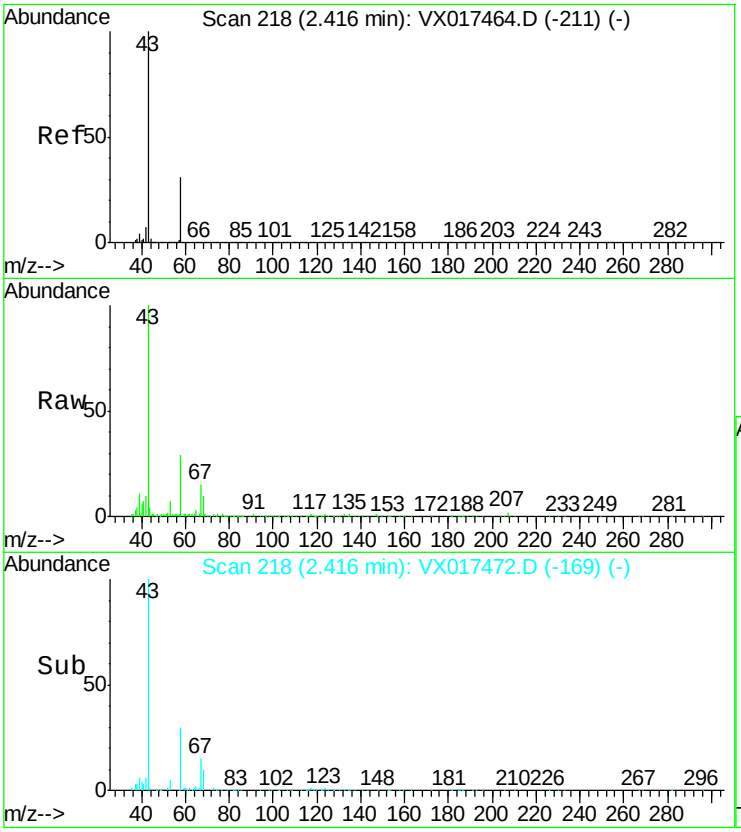
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

Quant Time: Jul 23 04:14:06 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



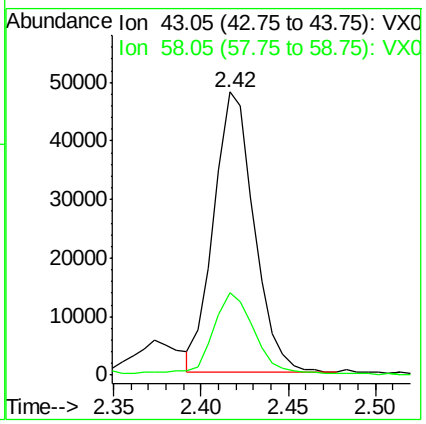


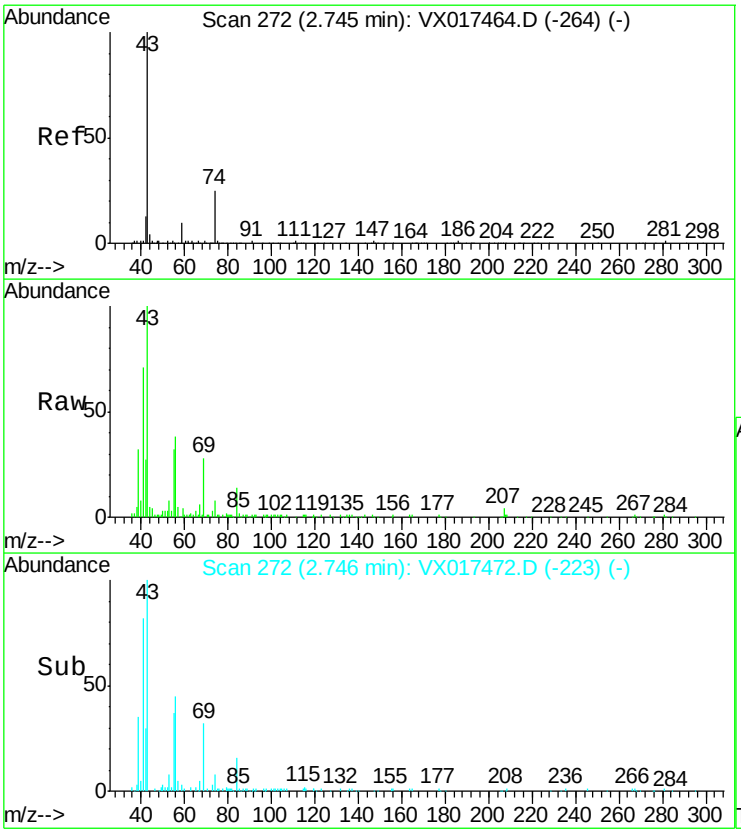
#13
Acetone
Concen: 13.533 ug/L
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion: 43 Resp: 76807

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	58.6

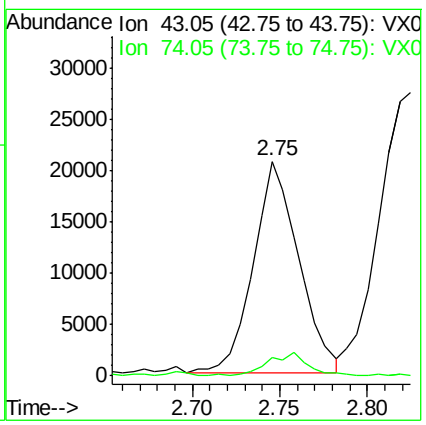


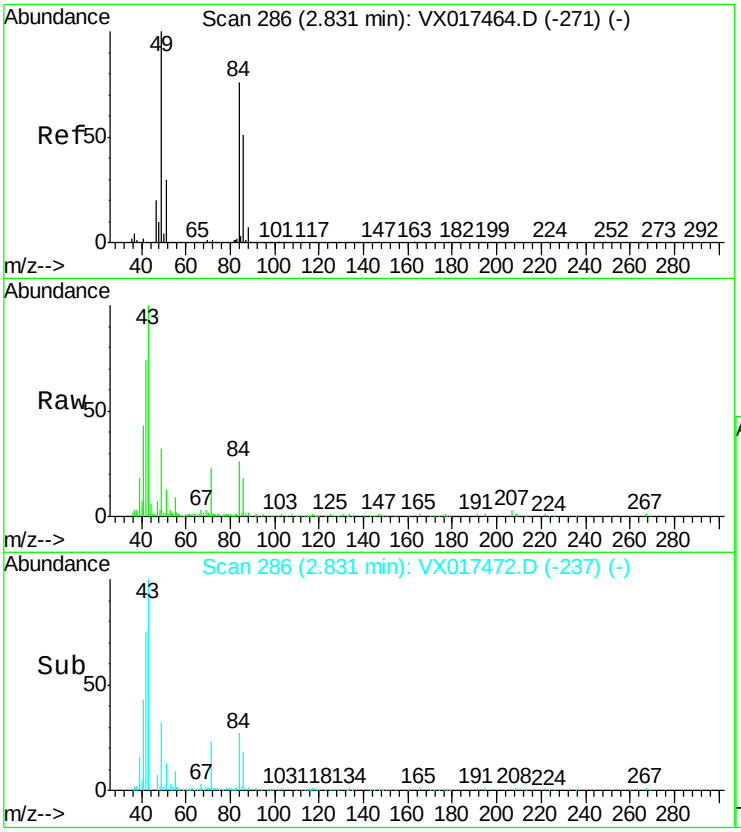


#15
Methyl Acetate
Concen: 2.271 ug/L
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion: 43 Resp: 37521

Ion	Ratio	Lower	Upper
43	100		
74	9.8	17.6	26.4#



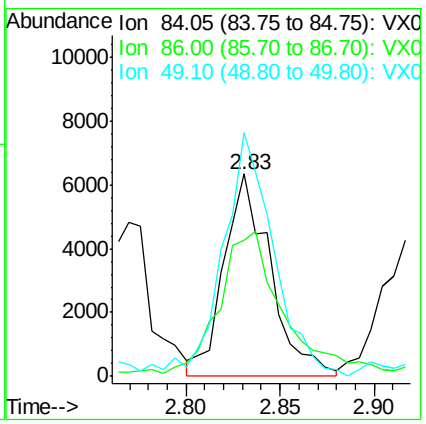


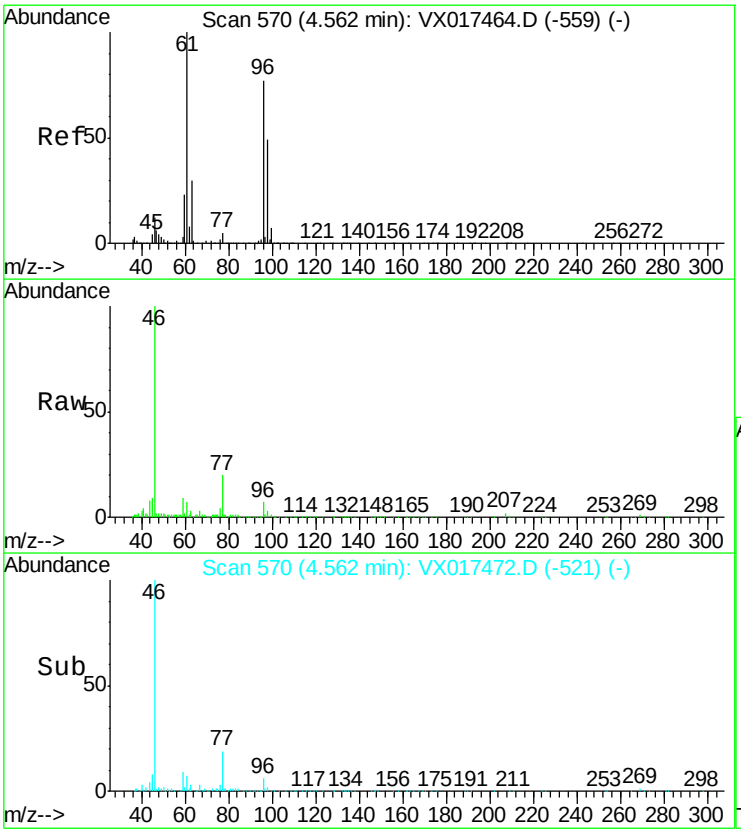
#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument : MSVOA_X
ClientSampleId : GAY21

Tgt Ion: 84 Resp: 10837

Ion	Ratio	Lower	Upper
84	100		
86	67.2	44.8	83.2
49	120.4	81.0	150.4

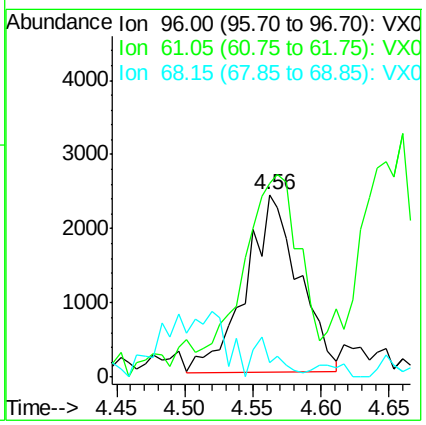


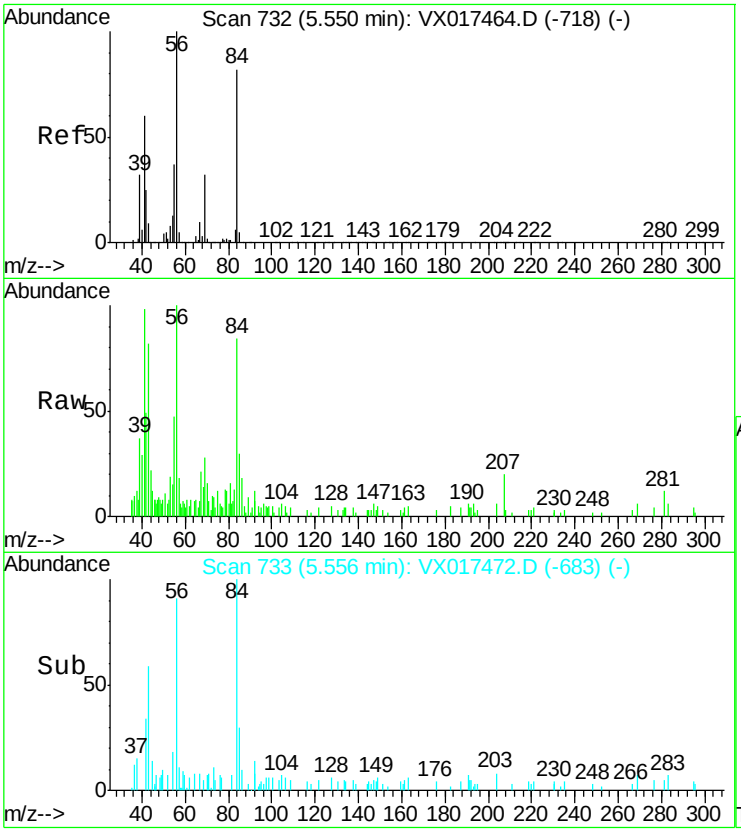


#22
cis-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion: 96 Resp: 6553

Ion	Ratio	Lower	Upper
96	100		
61	106.2	91.6	170.2
68	8.2	0.0	0.0#



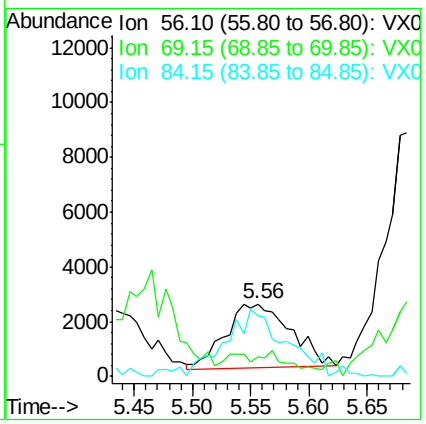


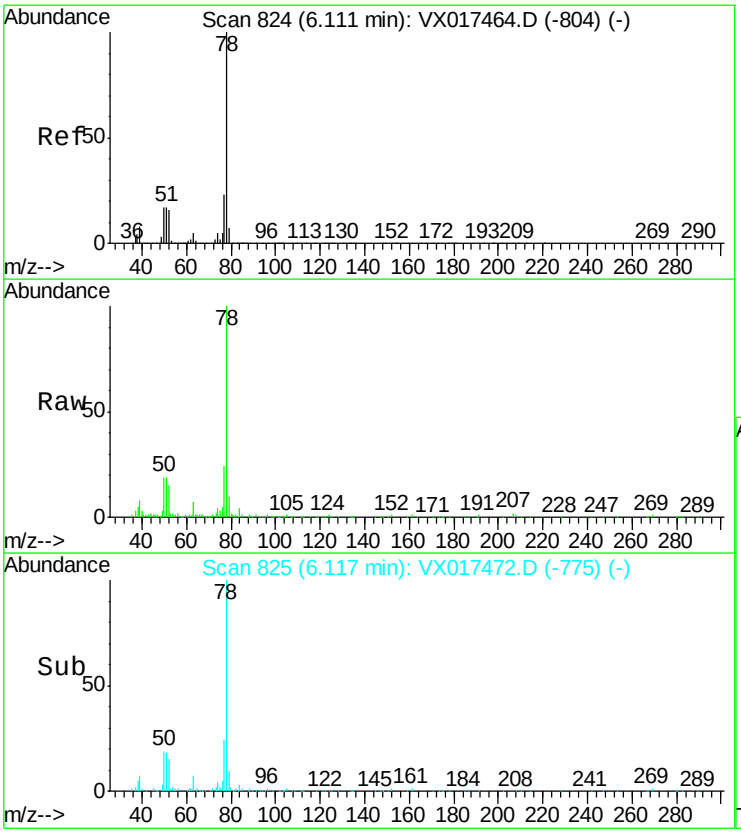
#30
Cyclohexane
Concen: 0.191 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion: 56 Resp: 9106

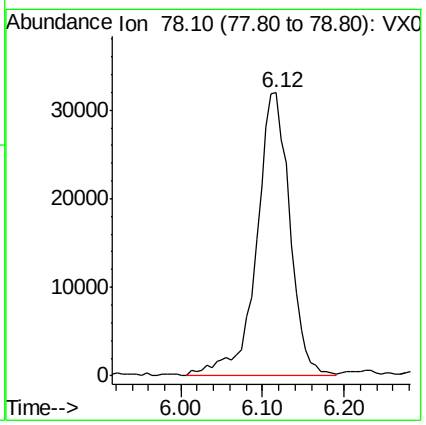
Ion	Ratio	Lower	Upper
56	100		
69	14.1	25.4	38.2#
84	92.5	69.3	103.9

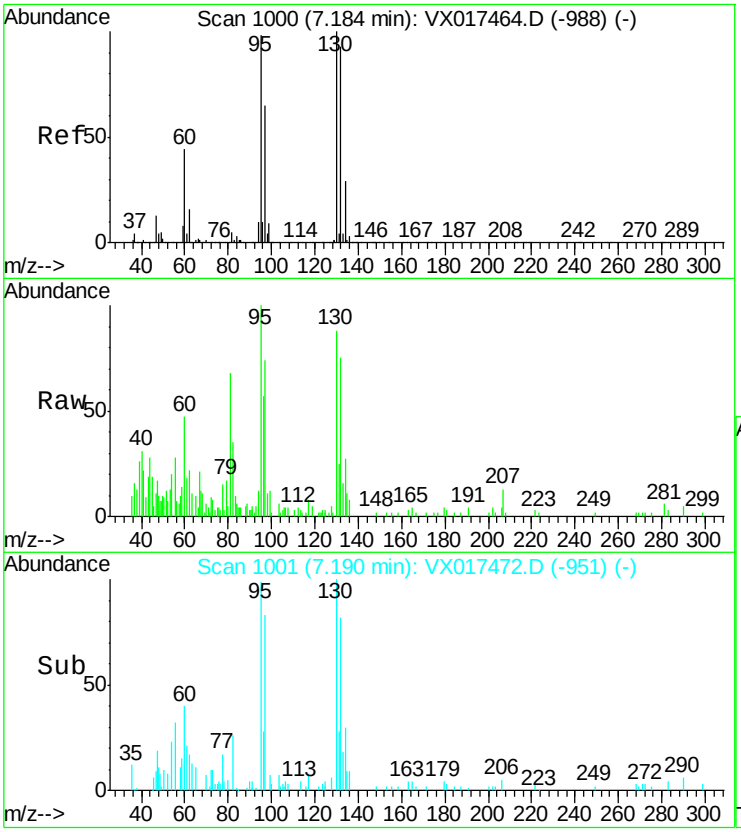




#33
Benzene
Concen: 0.700 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion: 78 Resp: 90683



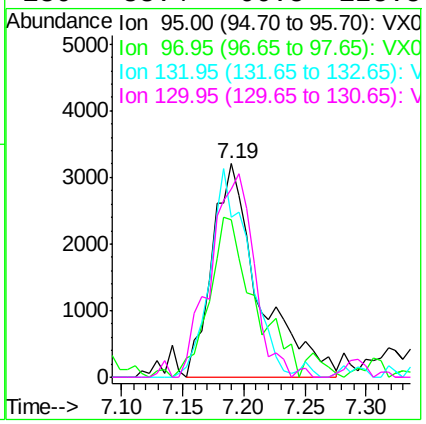


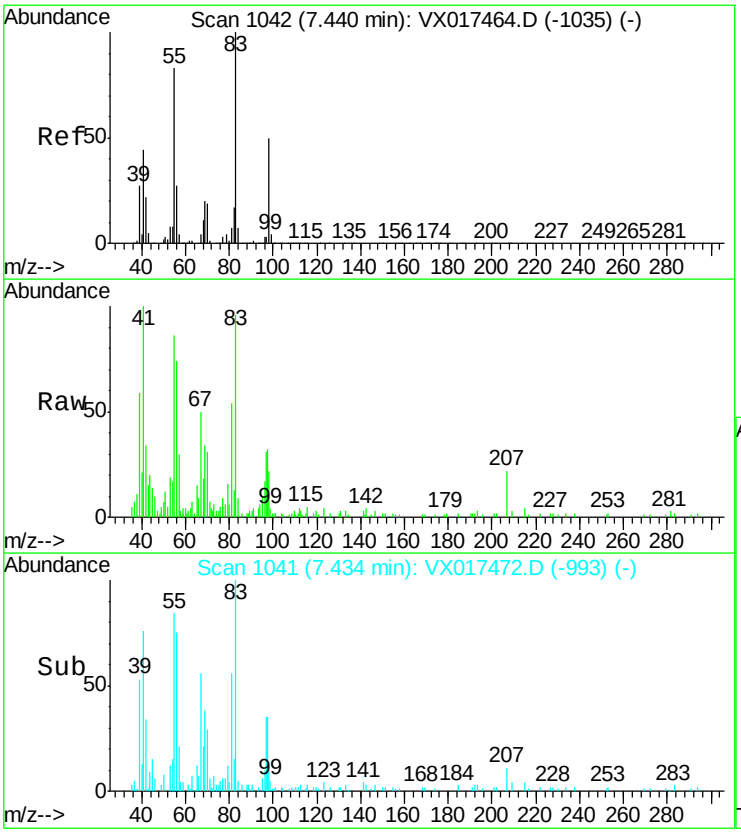
#34
Trichloroethene
Concen: 0.247 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion: 95 Resp: 8646

Ion	Ratio	Lower	Upper
95	100		
97	73.5	45.9	85.3
132	75.2	65.5	121.7
130	88.4	66.5	123.5

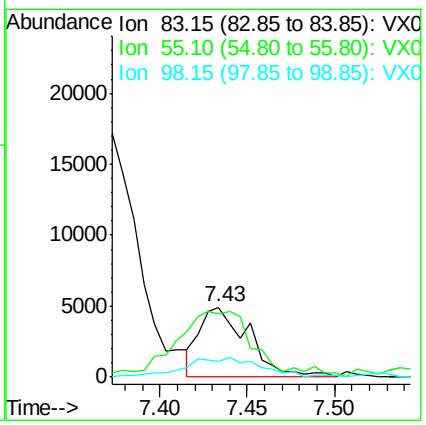


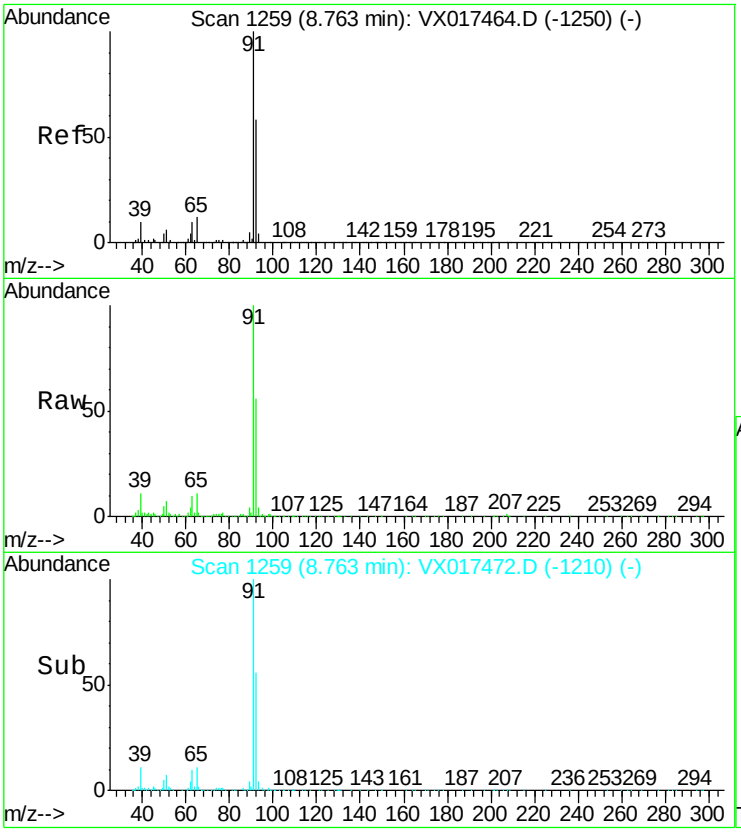


#35
Methylcyclohexane
Concen: 0.205 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion: 83 Resp: 9681

Ion	Ratio	Lower	Upper
83	100		
55	151.0	65.4	98.2#
98	44.1	39.8	59.8



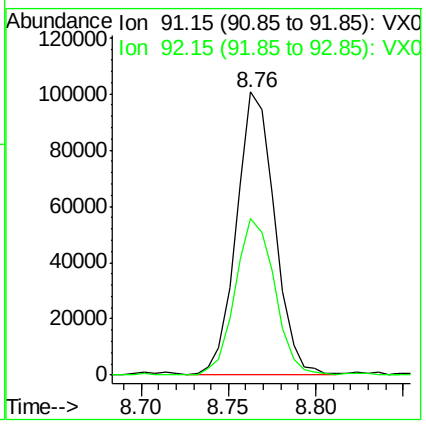


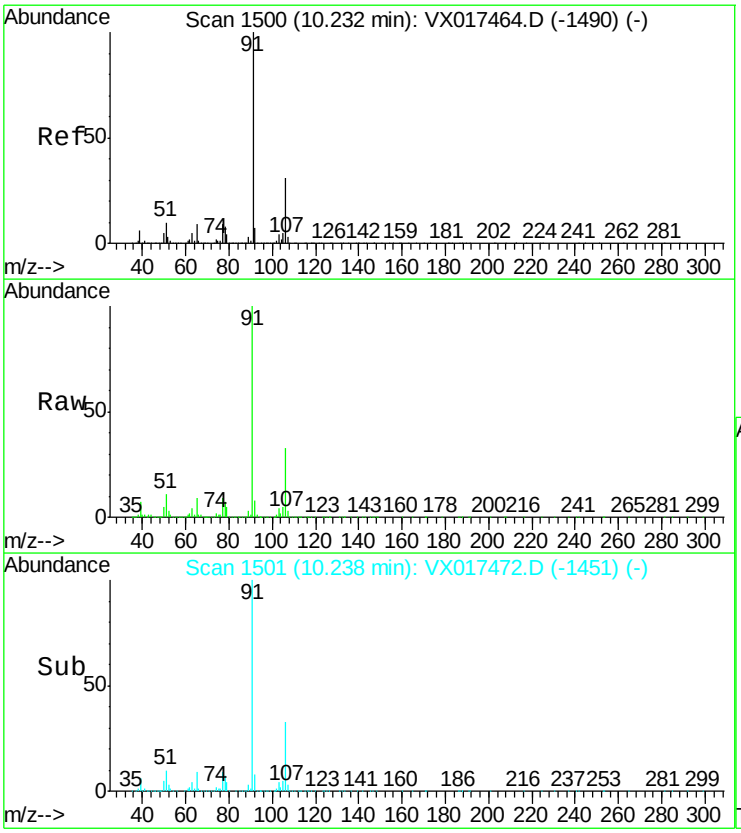
#42
Toluene
Concen: 1.166 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion: 91 Resp: 151493

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.9	74.1

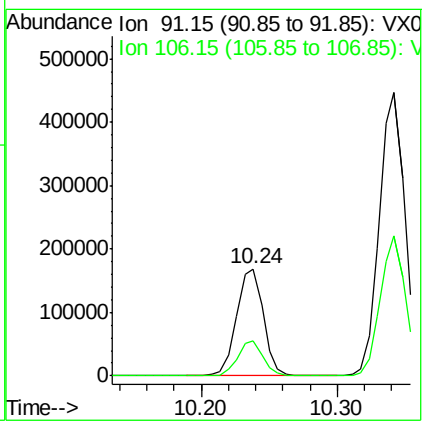


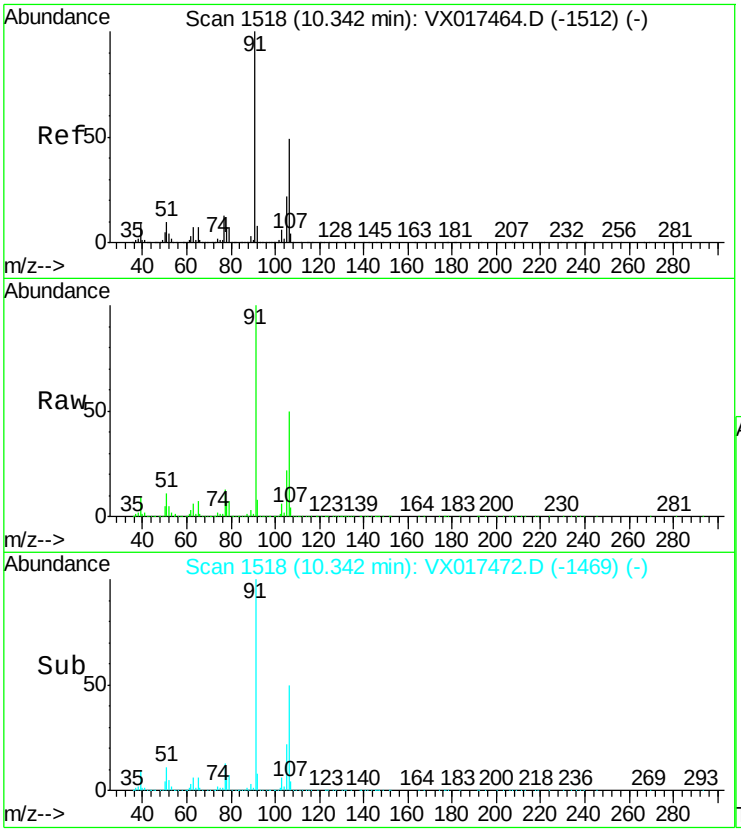


#54
Ethylbenzene
Concen: 1.635 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion: 91 Resp: 230477

Ion	Ratio	Lower	Upper
91	100		
106	33.3	22.5	41.7



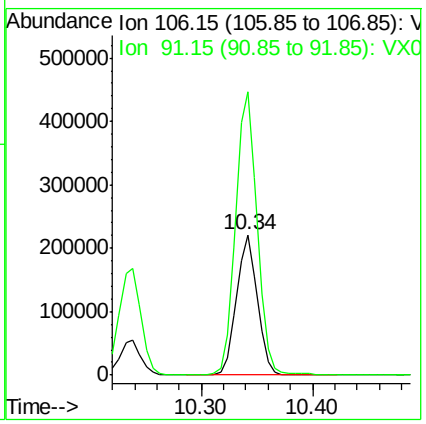


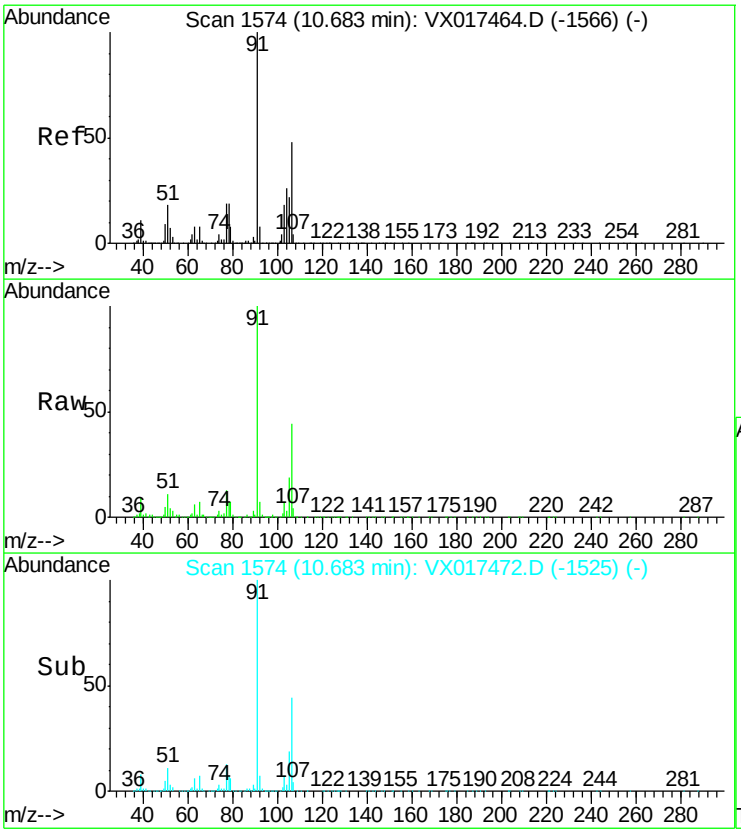
#55
m,p-xylene
Concen: 5.116 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion:106 Resp: 287911

Ion	Ratio	Lower	Upper
106	100		
91	201.9	142.7	264.9

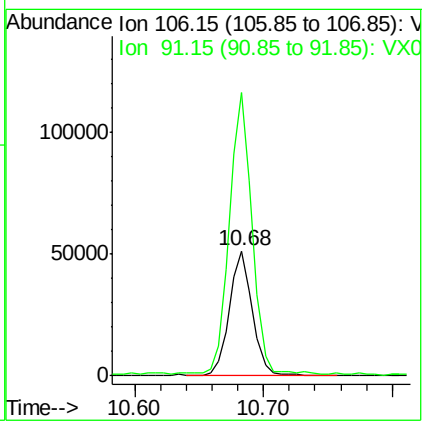


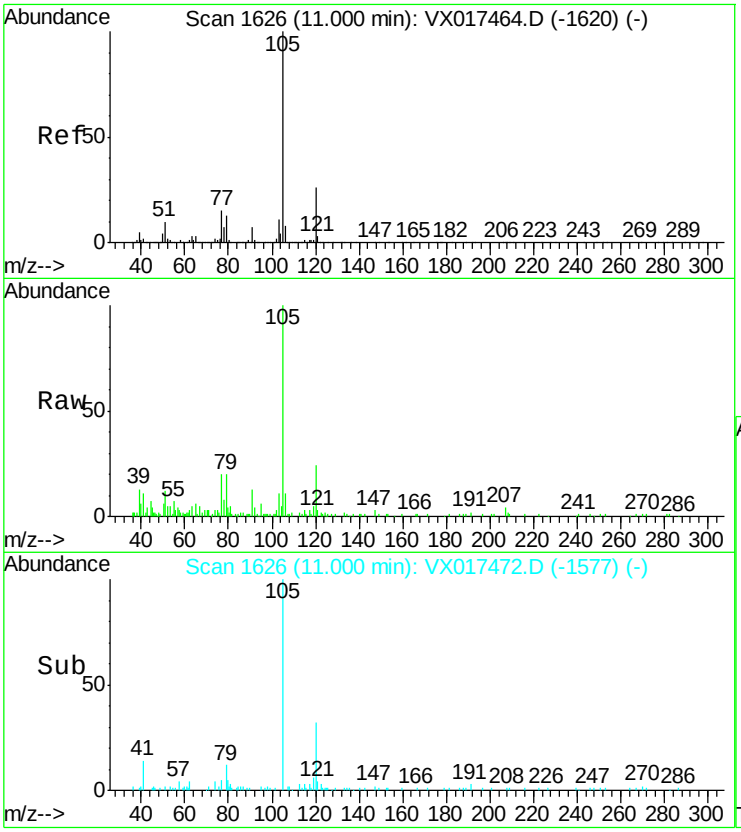


#56
o-xylene
Concen: 1.156 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Tgt Ion:106 Resp: 63123

Ion	Ratio	Lower	Upper
106	100		
91	226.8	153.4	284.8





#58
Isopropylbenzene
Concen: 0.107 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017472.D
Acq: 22 Jul 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
GAY21

Tgt Ion:105 Resp: 15081

Ion	Ratio	Lower	Upper
105	100		
120	29.8	21.4	32.2
77	20.6	13.0	19.6#