Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016288.D
Acq On : 28 May 2020 19:48
Operator : SY/MD
Sample : L2756-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1

Quant Time: May 29 03:15:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83404	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83961	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23101	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.58	69	21489	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.13	63	32956	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	3.94	46	73891	55.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.22%			
24) Chloroform-d	4.38	84	49100	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.06	65	28156	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.08	84	97832	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.10	67	31152	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.34	98	88541	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
45) trans-1,3-Dichloropropene-	7.64	79	10548	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
48) 2-Hexanone-d5	8.11	63	54131	49.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.42%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22707	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	33848	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.21	63	3002	0.294	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	17981	2.824	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	23128	2.321	ug/L	99
30) Cyclohexane	4.70	56	3086	0.289	ug/L	99
33) Benzene	5.14	78	3759	0.156	ug/L	100
34) Trichloroethene	5.94	95	47738	7.584	ug/L	98
35) Methylcyclohexane	6.15	83	7051	0.664	ug/L	95
42) Toluene	7.41	91	640725	24.317	ug/L	99
49) Tetrachloroethene	8.00	164	159515	35.300	ug/L	99
54) Ethylbenzene	9.04	91	147991	5.039	ug/L	99
55) m,p-xylene	9.16	106	154764	14.053	ug/L	98
56) o-xylene	9.57	106	177391	16.902	ug/L	97
57) Styrene	9.58	104	277055	15.863	ug/L	99
58) Isopropylbenzene	9.95	105	41922	1.458	ug/L	98

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

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Operator : SY/MD
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Instrument :
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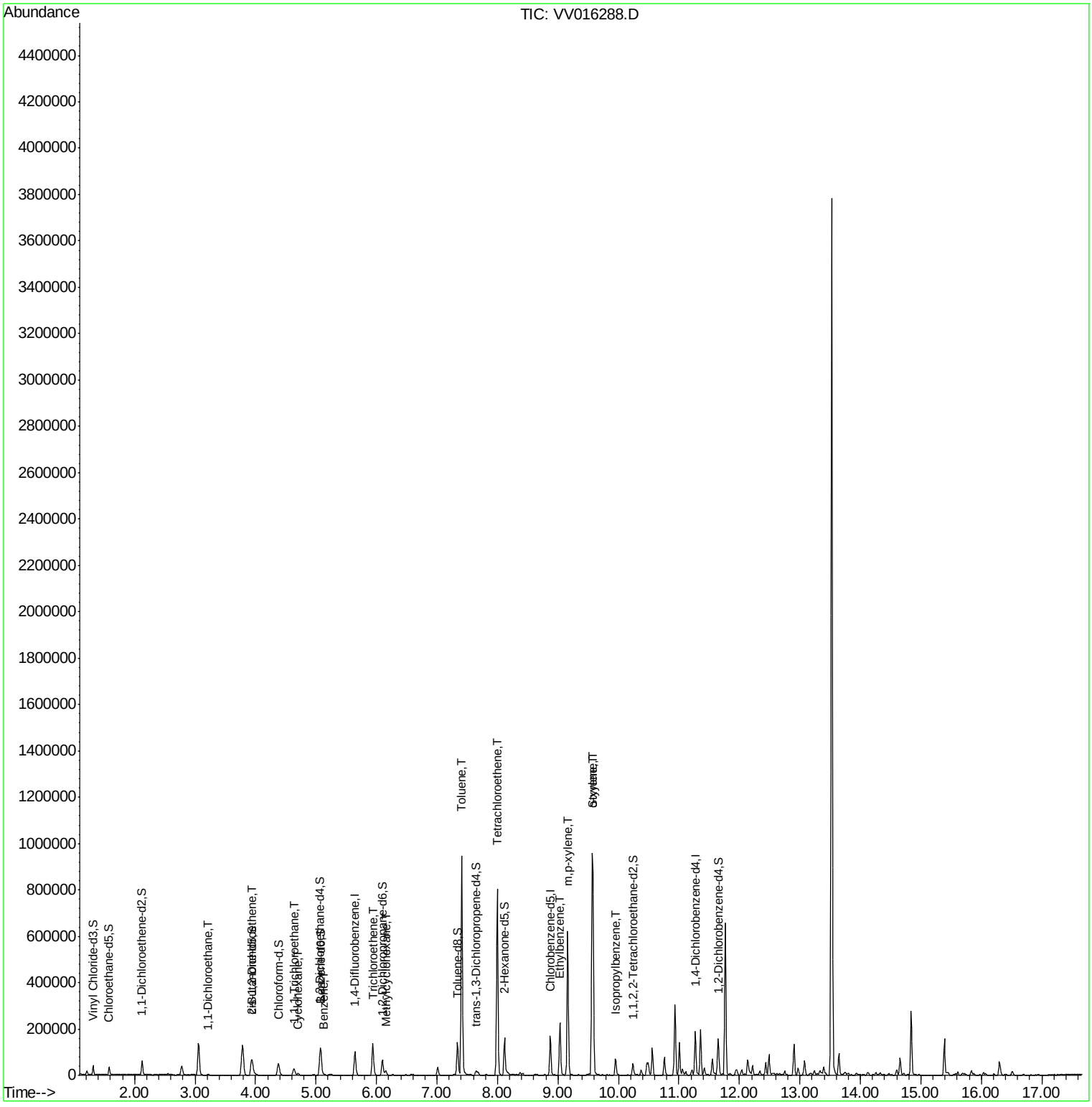
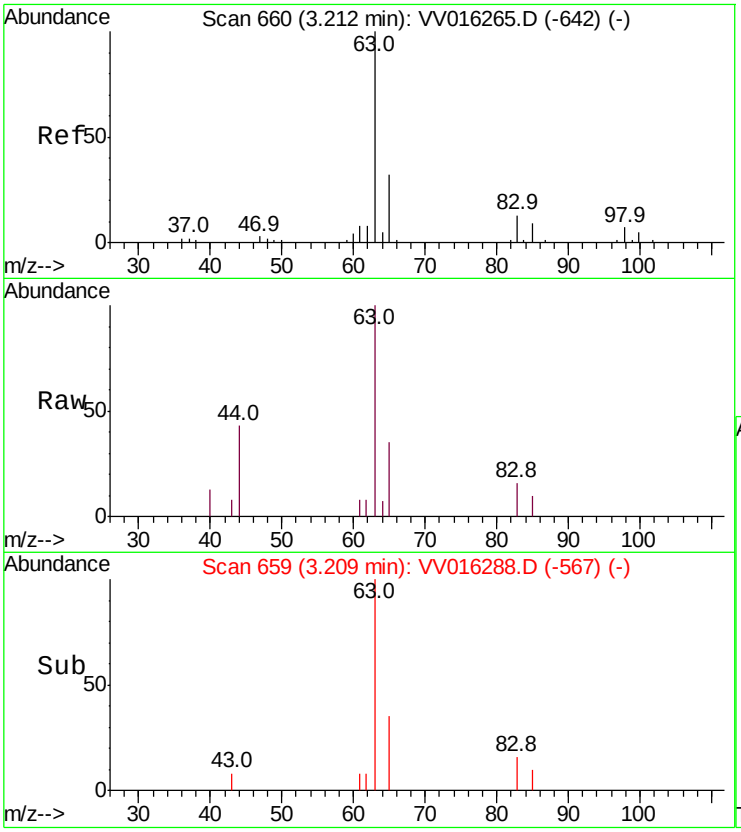
ClientSampleId :
ETKX1

Quant Time: May 29 03:15:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration



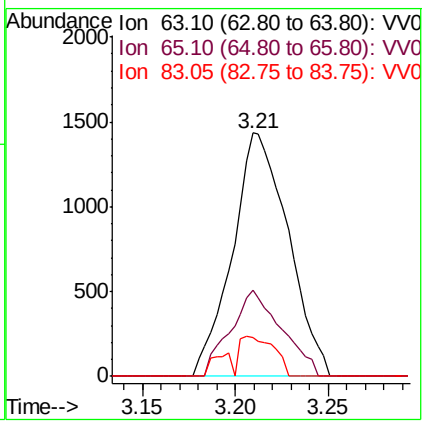


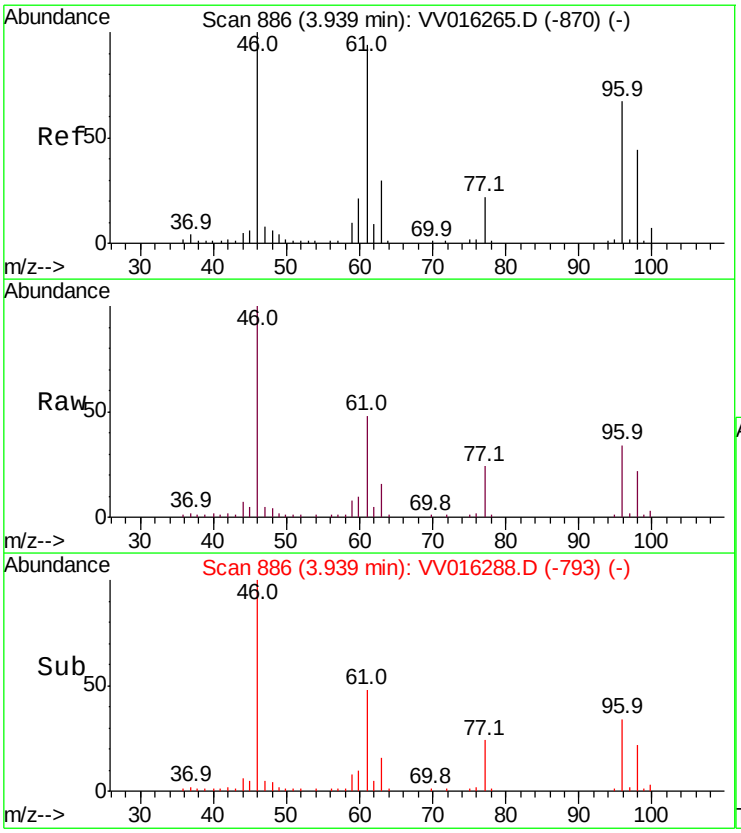
#19
1,1-Dichloroethane
Concen: 0.294 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion: 63 Resp: 3002

Ion	Ratio	Lower	Upper
63	100		
65	35.5	22.3	41.5
83	15.7	9.4	17.4

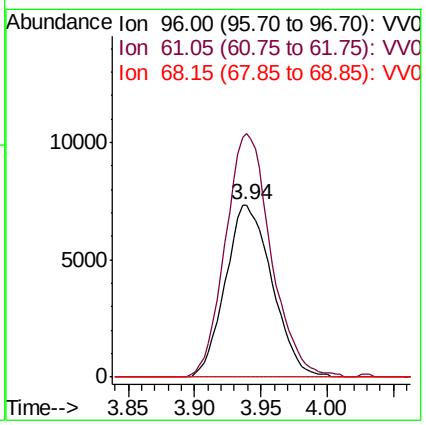


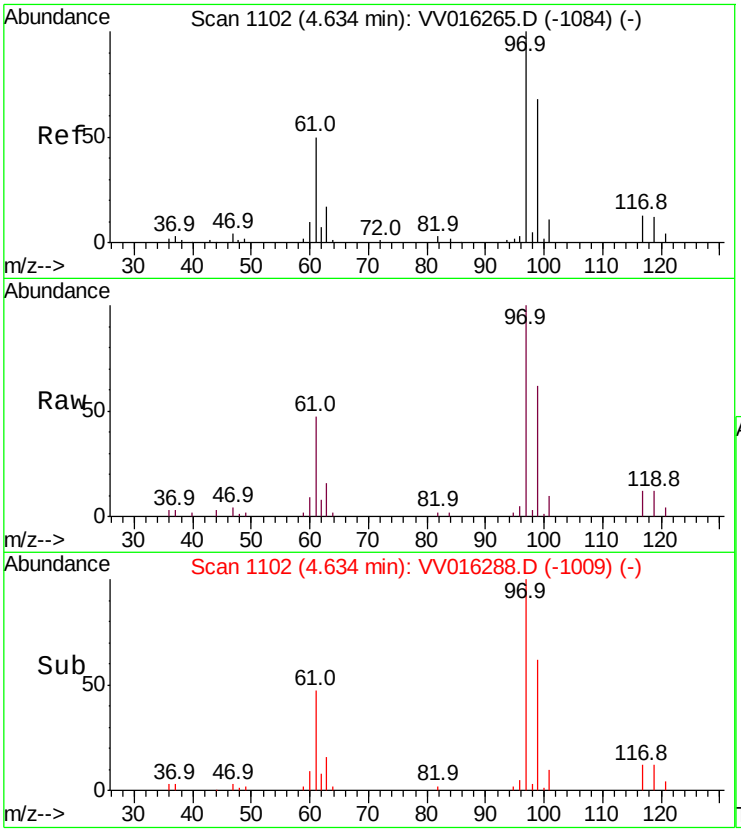


#22
cis-1,2-Dichloroethene
Concen: 2.824 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion: 96 Resp: 17981

Ion	Ratio	Lower	Upper
96	100		
61	141.2	99.7	185.1
68	0.0	0.0	0.0



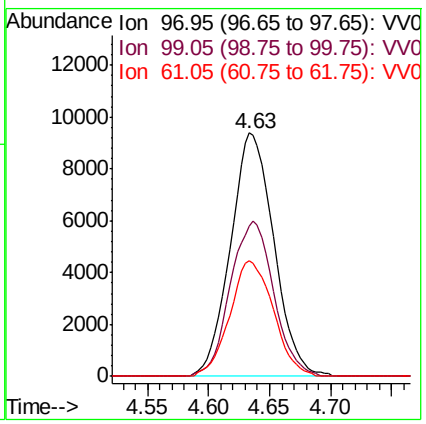


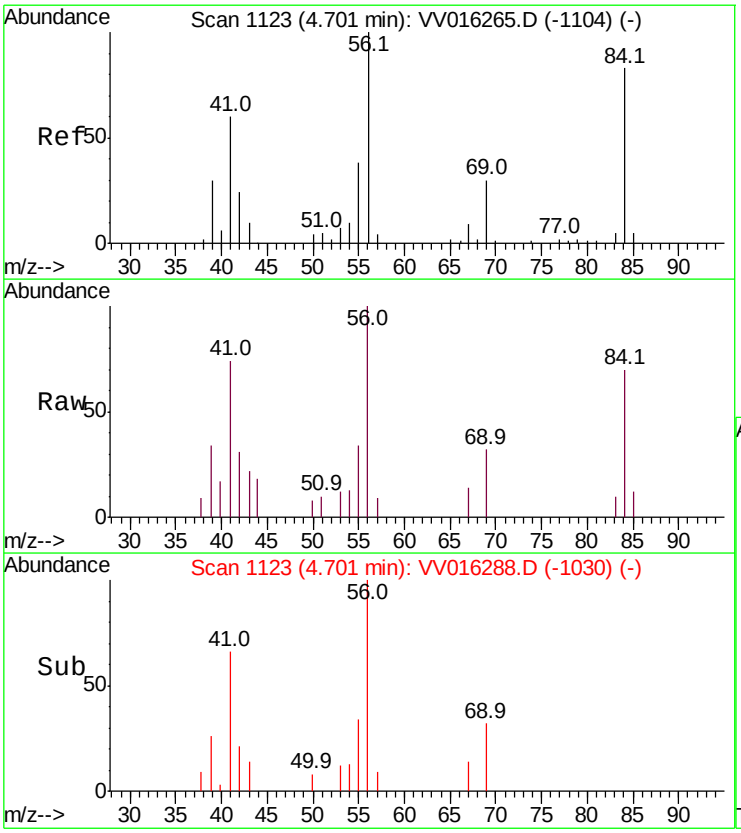
#29
1,1,1-Trichloroethane
Concen: 2.321 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion: 97 Resp: 23128

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	47.6	38.6	57.8

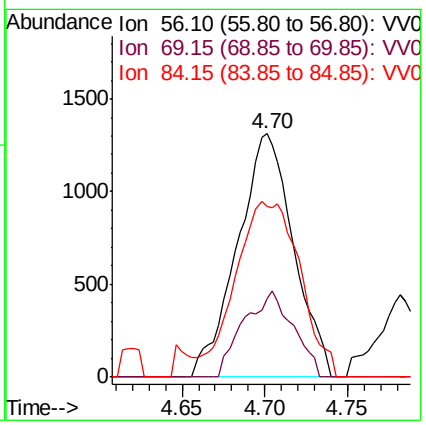


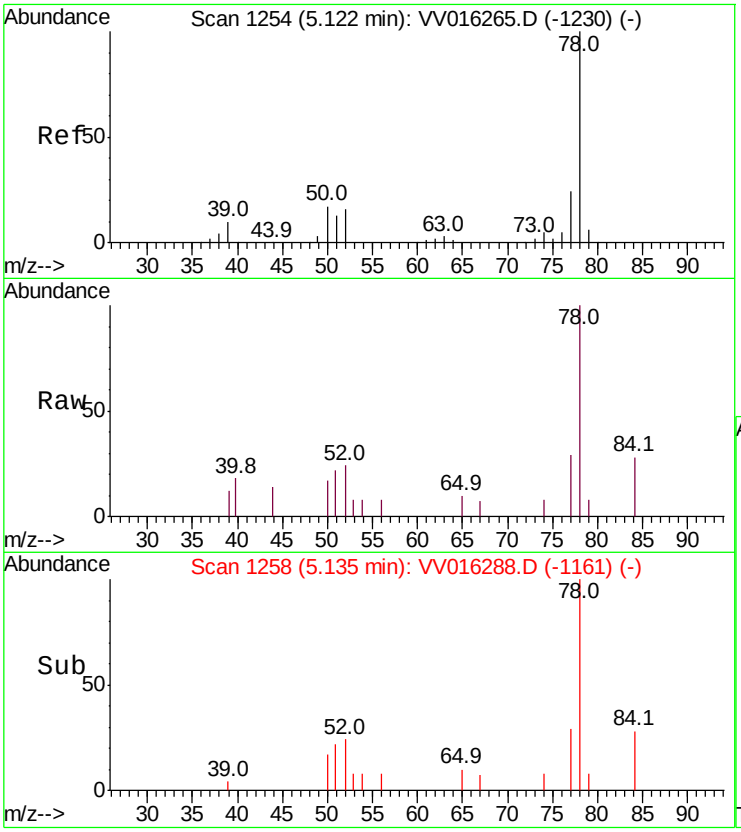


#30
Cyclohexane
Concen: 0.289 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion: 56 Resp: 3086

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.6	36.8
84	82.8	67.1	100.7

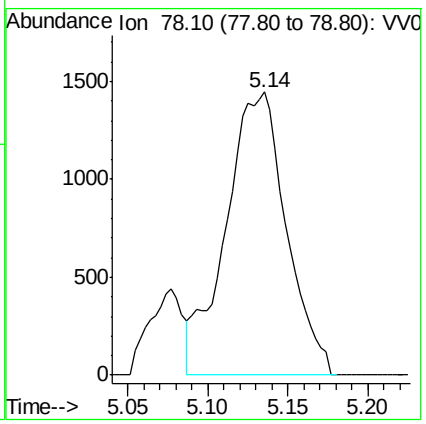


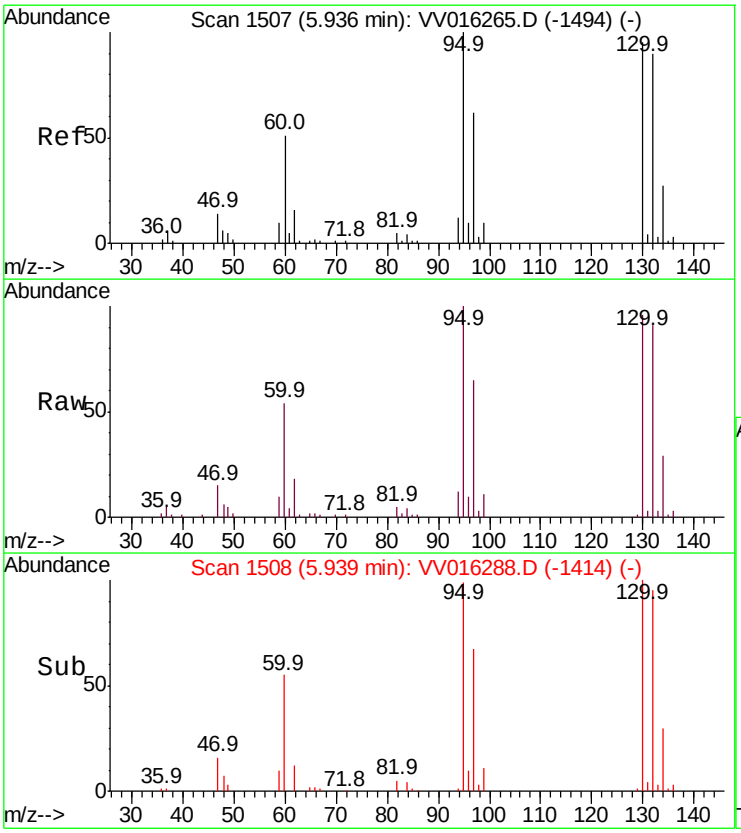


#33
Benzene
Concen: 0.156 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion: 78 Resp: 3759

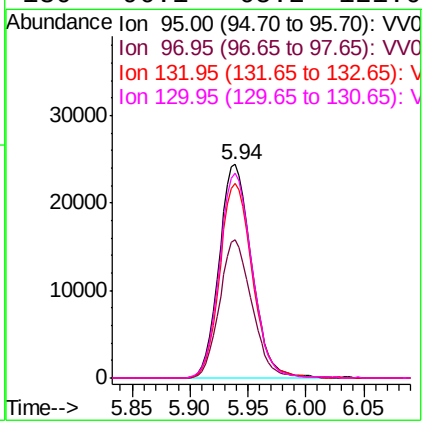


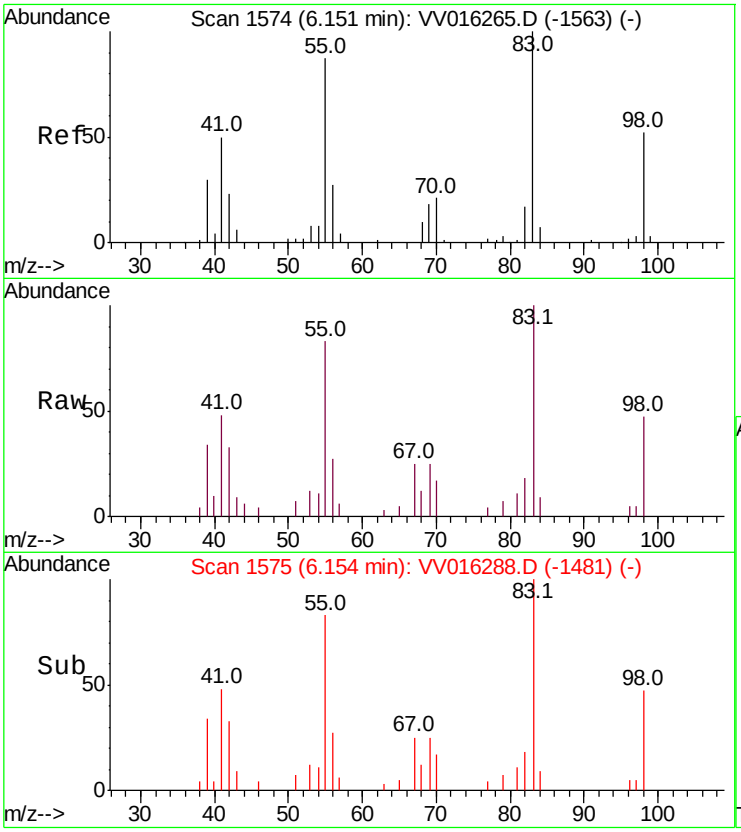


#34
Trichloroethene
Concen: 7.584 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion: 95 Resp: 47738

Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.6	81.0
132	91.1	63.9	118.7
130	96.1	65.2	121.0



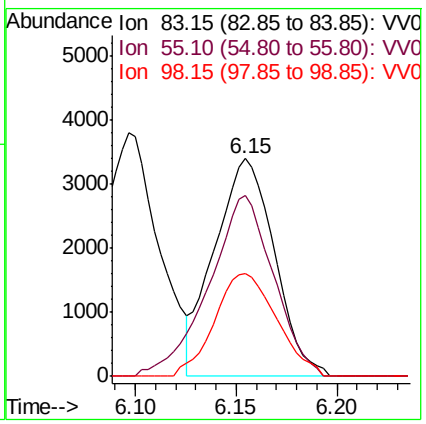


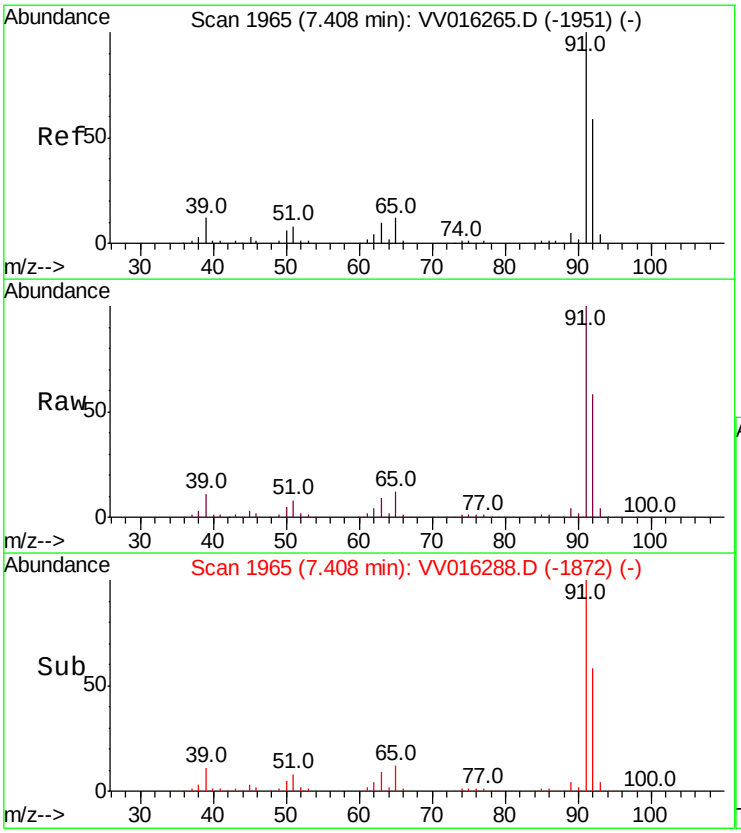
#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion: 83 Resp: 7051

Ion	Ratio	Lower	Upper
83	100		
55	89.1	65.4	98.0
98	48.9	39.3	58.9

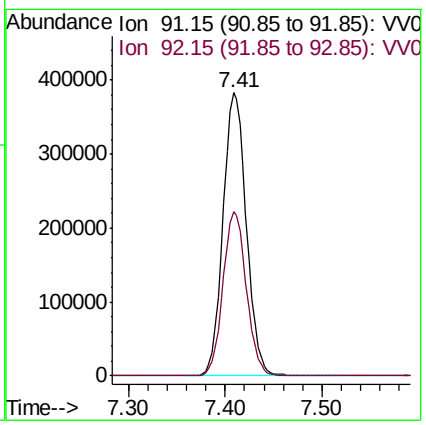


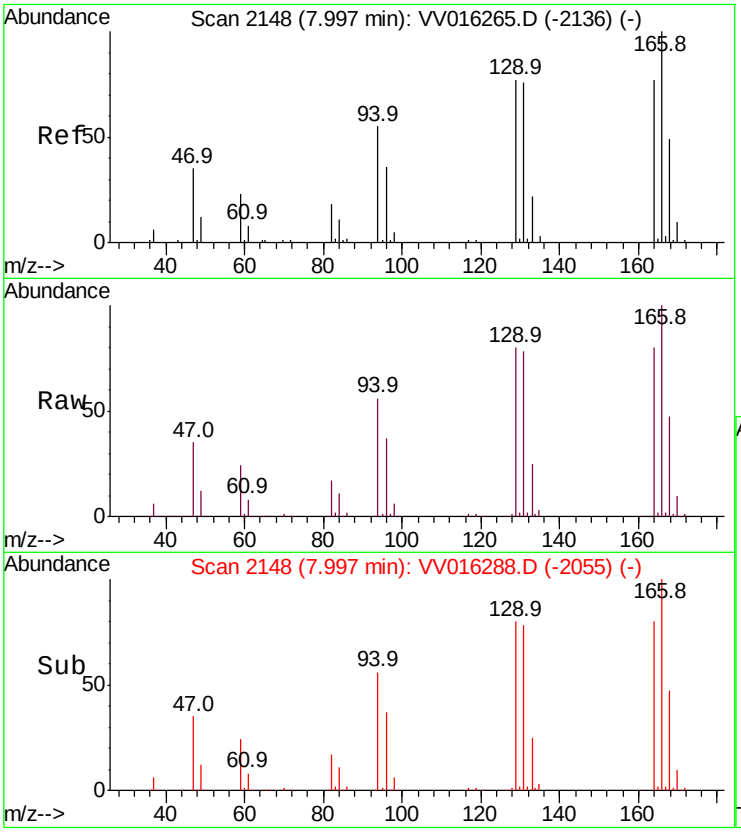


#42
Toluene
Concen: 24.317 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion: 91 Resp: 640725

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.9	76.0



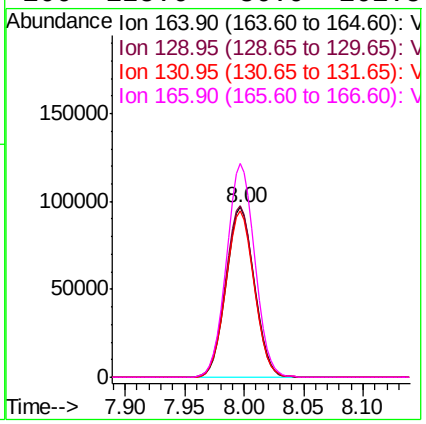


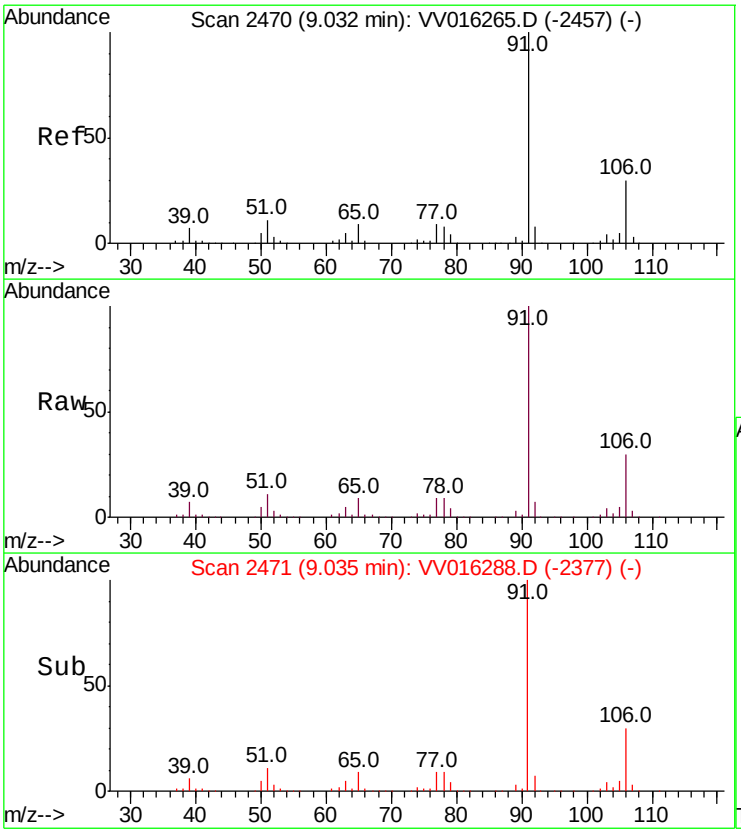
#49
Tetrachloroethene
Concen: 35.300 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion:164 Resp: 159515

Ion	Ratio	Lower	Upper
164	100		
129	101.0	70.7	131.3
131	97.5	66.6	123.8
166	125.6	86.9	161.5

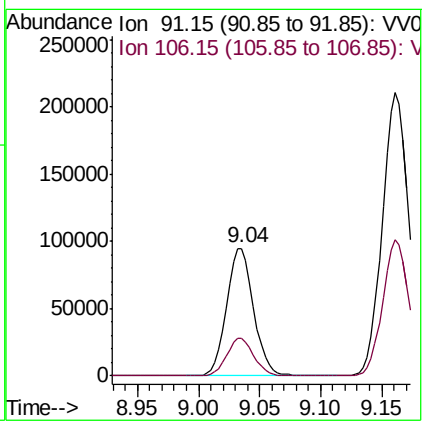


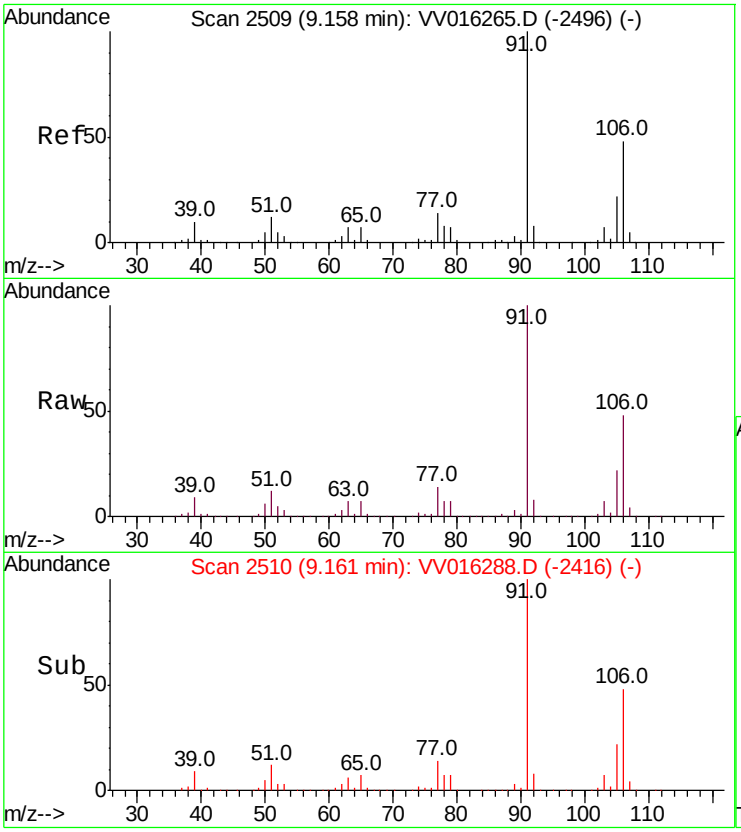


#54
Ethylbenzene
Concen: 5.039 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion: 91 Resp: 147991

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.0	39.0



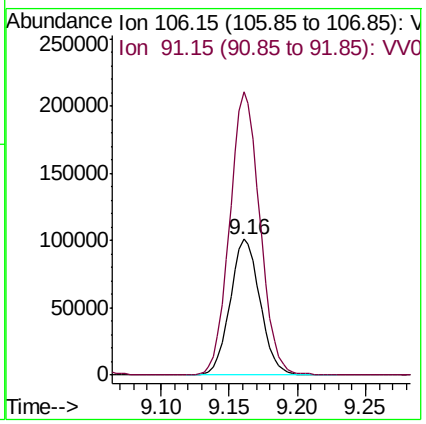


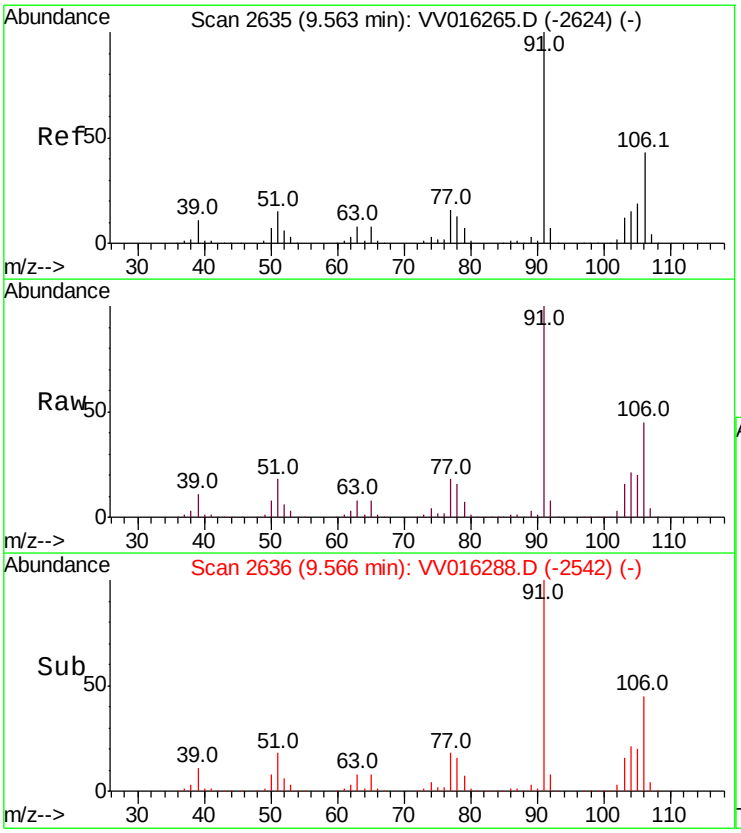
#55
m,p-xylene
Concen: 14.053 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion:106 Resp: 154764

Ion	Ratio	Lower	Upper
106	100		
91	208.4	148.1	275.0

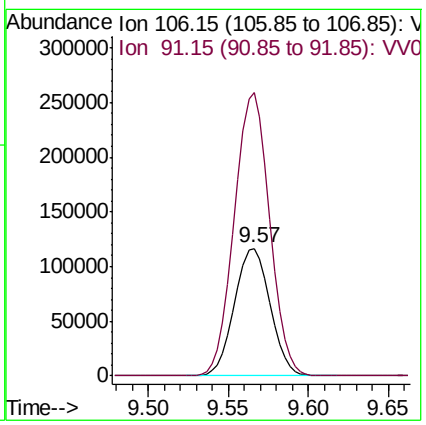


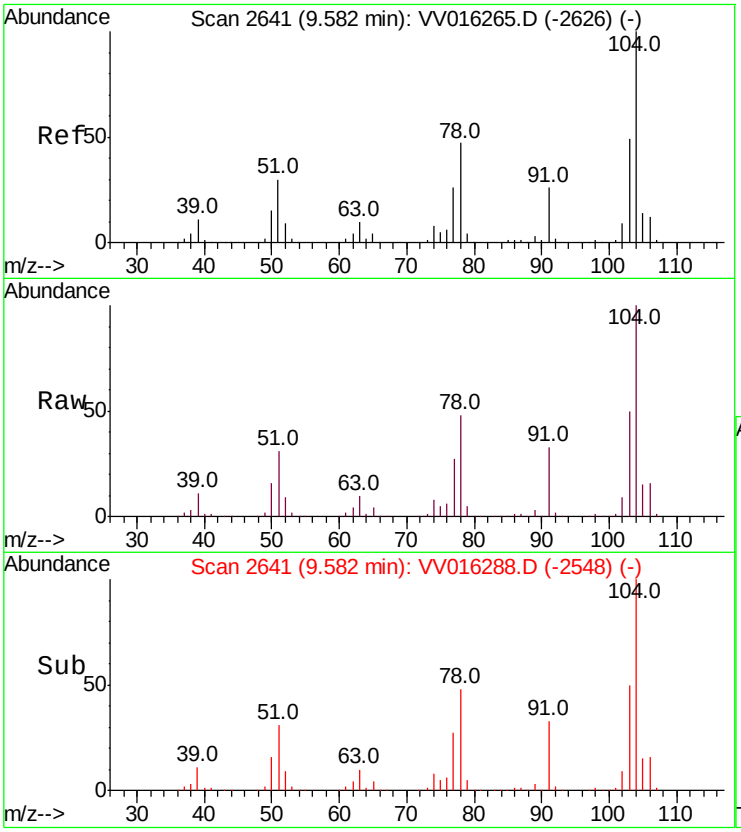


#56
o-xylene
Concen: 16.902 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion:106 Resp: 177391

Ion	Ratio	Lower	Upper
106	100		
91	222.1	158.8	294.8



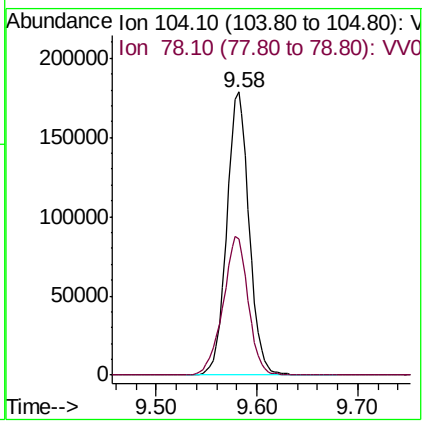


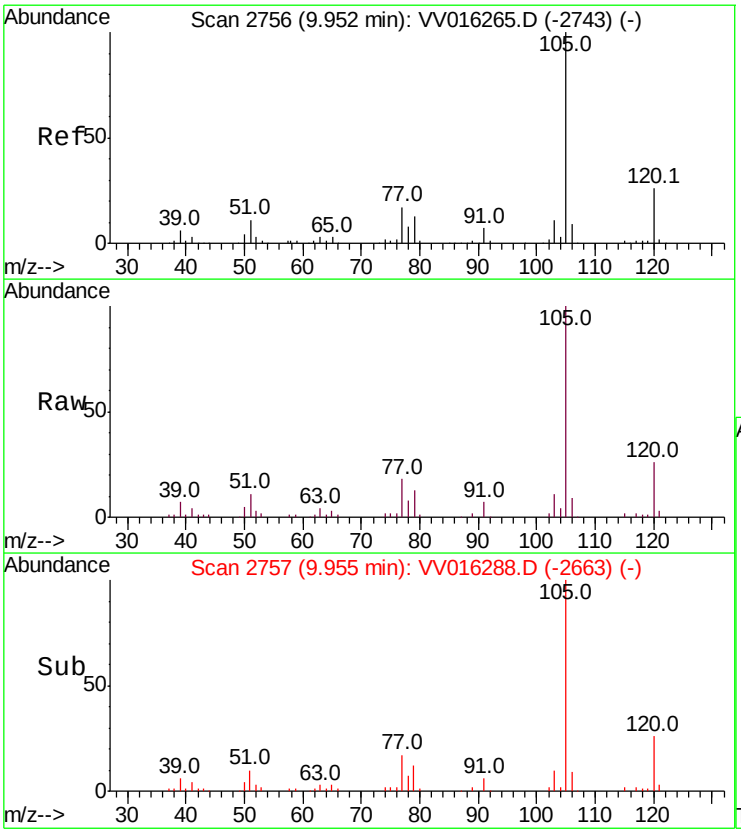
#57
Stvrene
Concen: 15.863 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
ETKX1

Tgt Ion:104 Resp: 277055

Ion	Ratio	Lower	Upper
104	100		
78	48.3	33.2	61.7





#58
Isopropylbenzene
Concen: 1.458 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016288.D
Acq: 28 May 2020 19:48

Tgt Ion:105 Resp: 41922

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.9	31.3
77	18.7	13.9	20.9