Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052120\
Data File : VV016151.D
Acq On : 21 May 2020 14:19
Operator : SY/MD
Sample : L2725-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B23

Quant Time: May 22 03:21:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132448	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66854	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	29520	3.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.60%			
7) Chloroethane-d5	1.58	69	34832	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.12	63	54799	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	3.96	46	77089	35.96	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 71.92%			
24) Chloroform-d	4.38	84	85054	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.06	65	42690	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.08	84	154975	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.10	67	50820	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.34	98	136806	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
45) trans-1,3-Dichloropropene-	7.65	79	14255	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
48) 2-Hexanone-d5	8.12	63	74433	44.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.76%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31939	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55328	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9465	0.921	ug/L	88
18) trans-1,2-Dichloroethene	2.78	96	2299	0.273	ug/L	86
22) cis-1,2-Dichloroethene	3.95	96	9923	1.125	ug/L	92
33) Benzene	5.13	78	51102	1.534	ug/L	100
42) Toluene	7.41	91	166971	4.727	ug/L	97
54) Ethylbenzene	9.04	91	91234	2.272	ug/L	99
55) m,p-xylene	9.16	106	48670	3.273	ug/L	99
56) o-xylene	9.57	106	23516	1.654	ug/L	100
58) Isopropylbenzene	9.95	105	2800	0.072	ug/L #	93

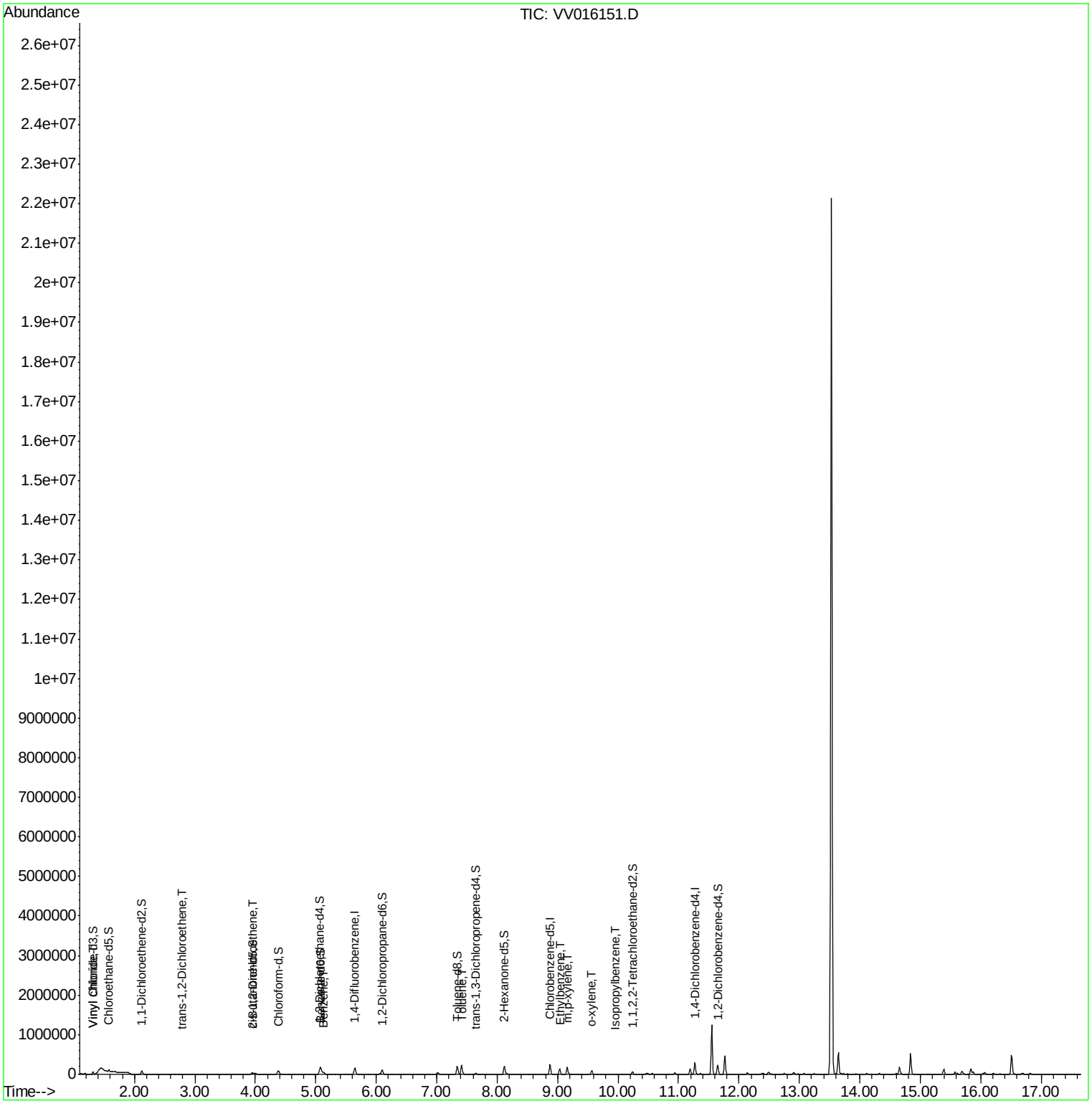
(#) = qualifier out of range (m) = manual integration (+) = signals summed

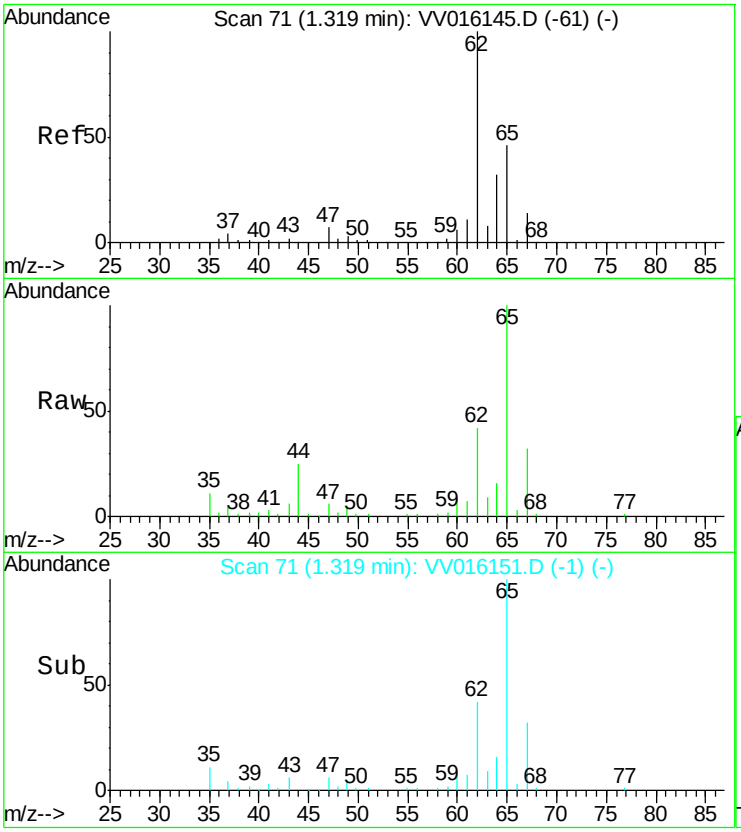
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052120\
Data File : VV016151.D
Acq On : 21 May 2020 14:19
Operator : SY/MD
Sample : L2725-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Quant Time: May 22 03:21:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:50:48 2020
Response via : Initial Calibration



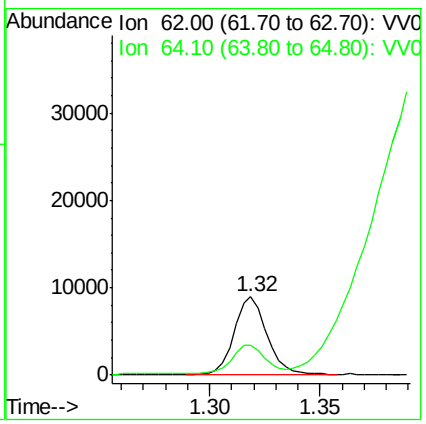


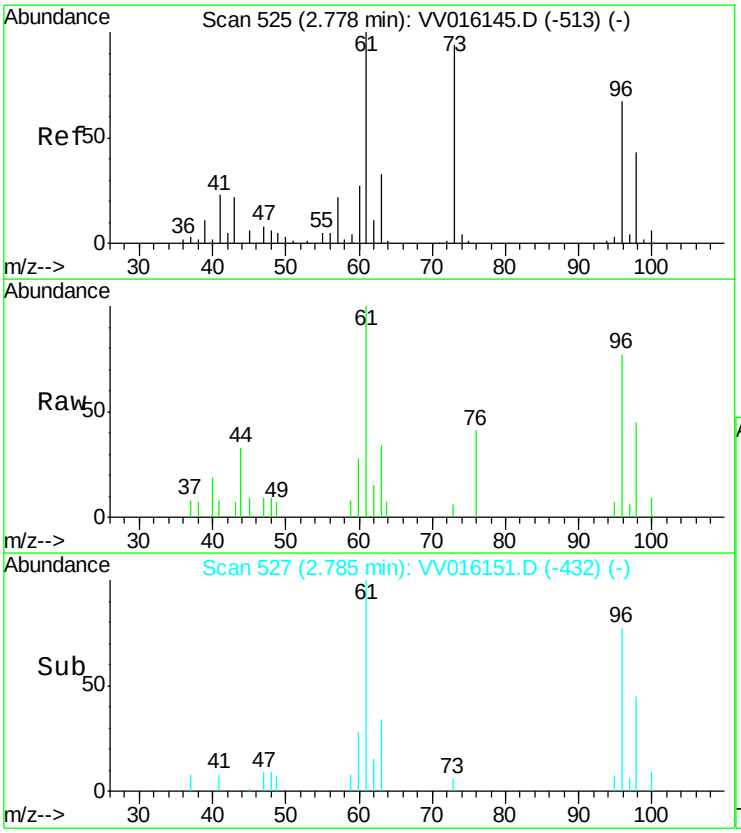
#5
Vinyl chloride
Concen: 0.921 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Tgt Ion: 62 Resp: 9465

Ion	Ratio	Lower	Upper
62	100		
64	38.5	22.4	41.6

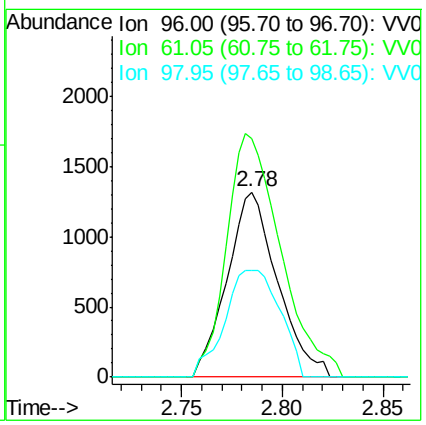


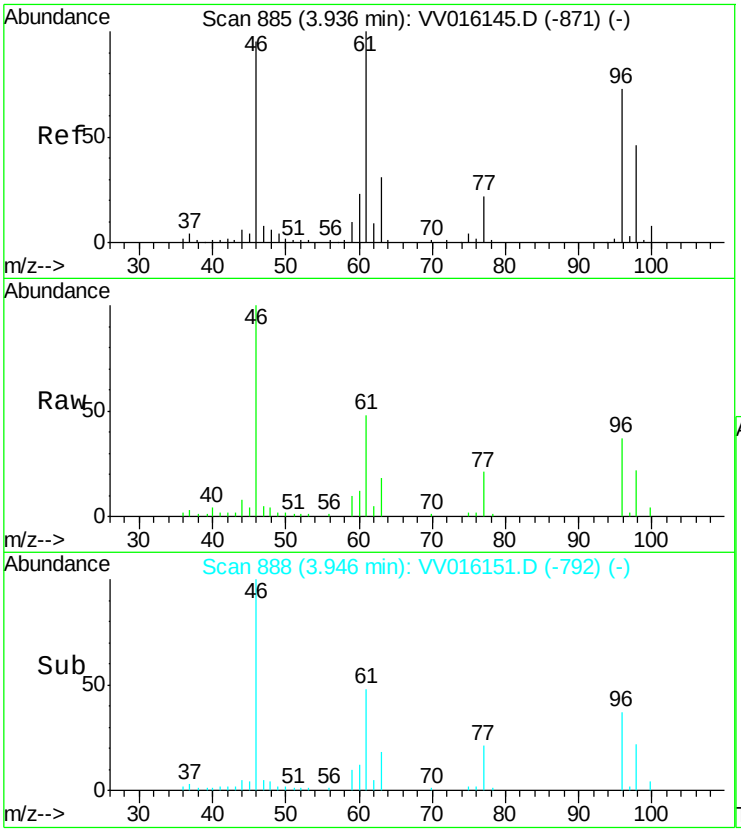


#18
trans-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Tgt Ion: 96 Resp: 2299

Ion	Ratio	Lower	Upper
96	100		
61	129.2	105.3	195.5
98	57.8	44.0	81.6



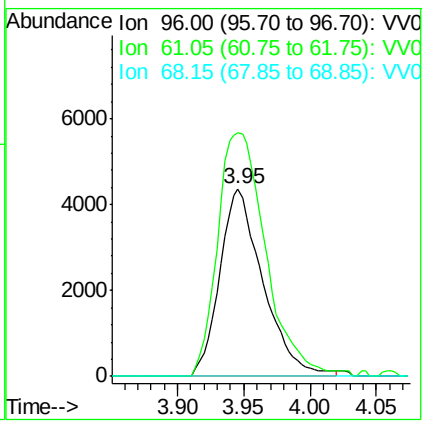


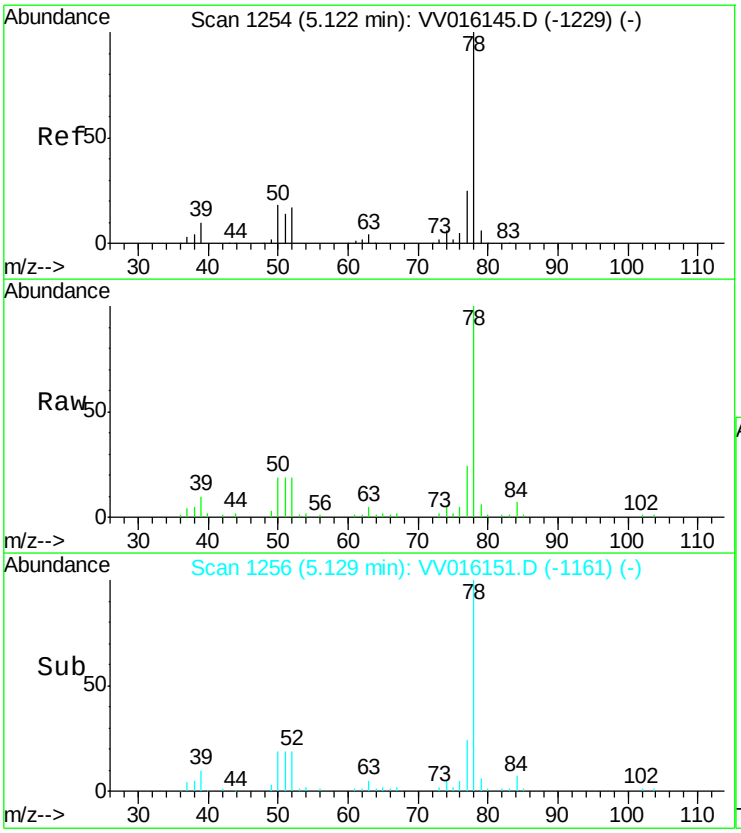
#22
cis-1,2-Dichloroethene
Concen: 1.125 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Tgt Ion: 96 Resp: 9923

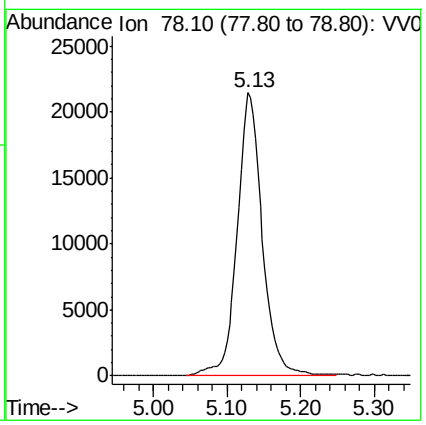
Ion	Ratio	Lower	Upper
96	100		
61	129.8	97.2	180.6
68	0.0	0.0	0.0

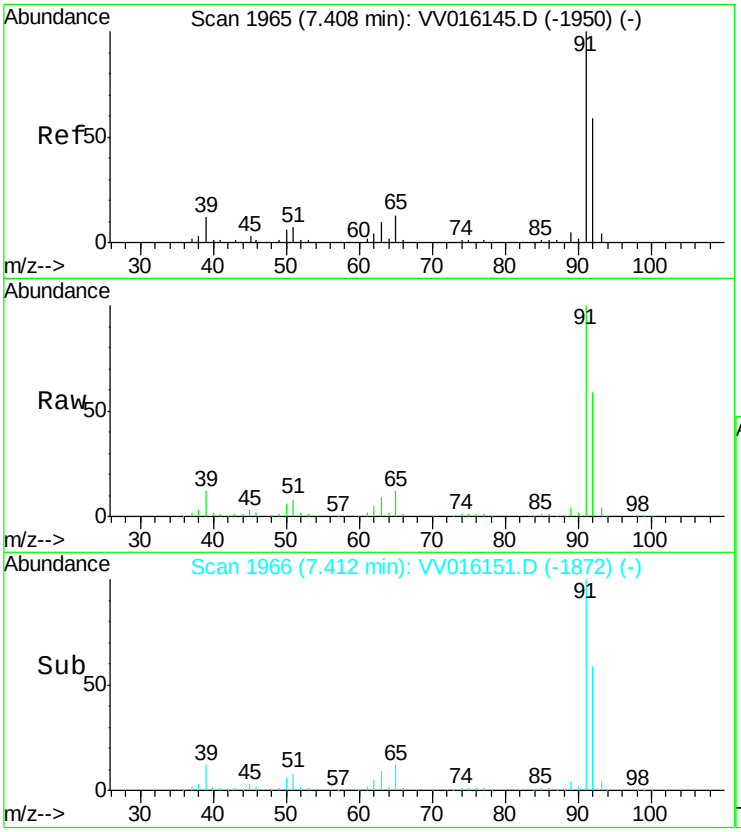




#33
Benzene
Concen: 1.534 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Tgt Ion: 78 Resp: 51102



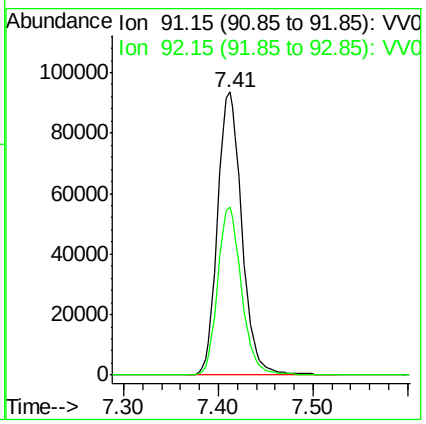


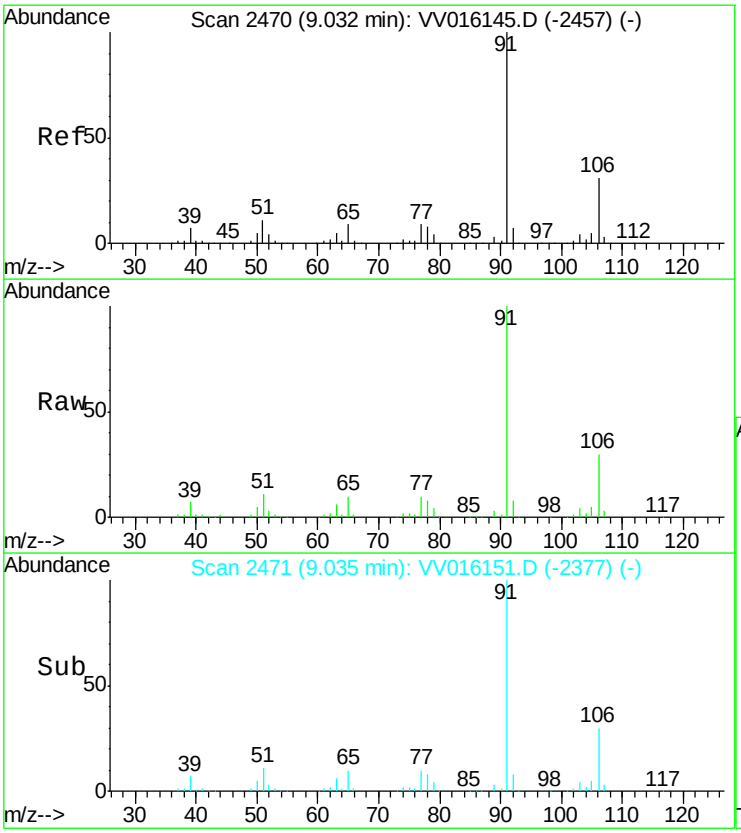
#42
Toluene
Concen: 4.727 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Tgt Ion: 91 Resp: 166971

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.1	74.5

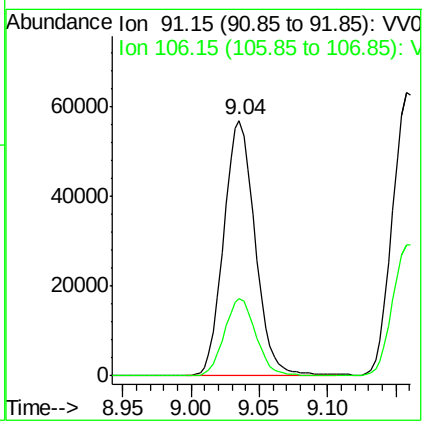


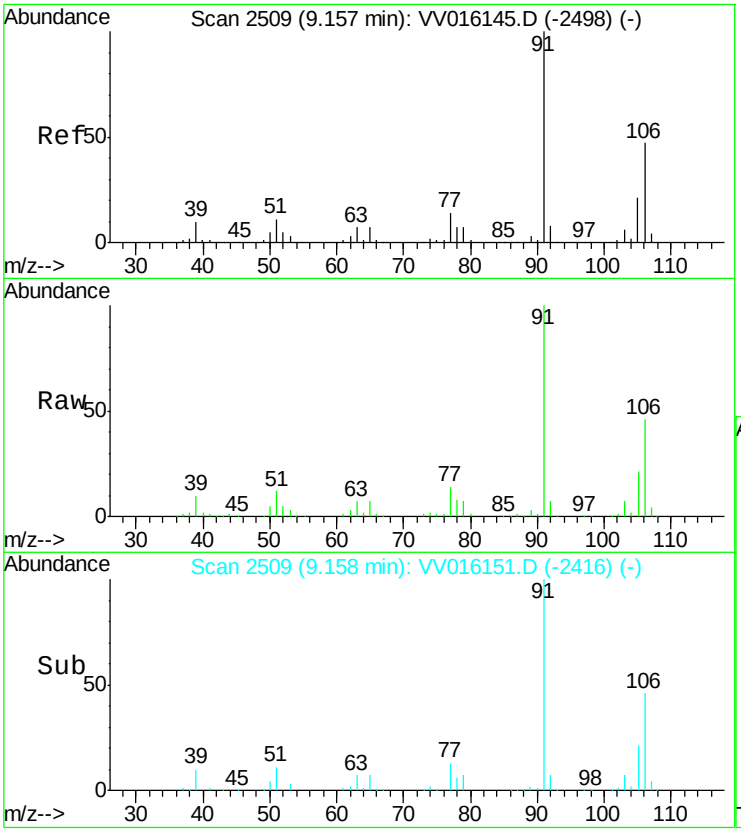


#54
Ethylbenzene
Concen: 2.272 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Tgt Ion: 91 Resp: 91234

Ion	Ratio	Lower	Upper
91	100		
106	30.3	20.6	38.4



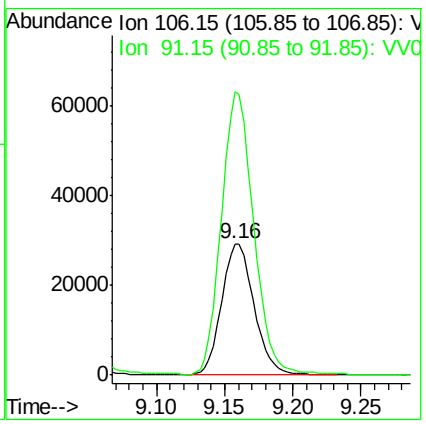


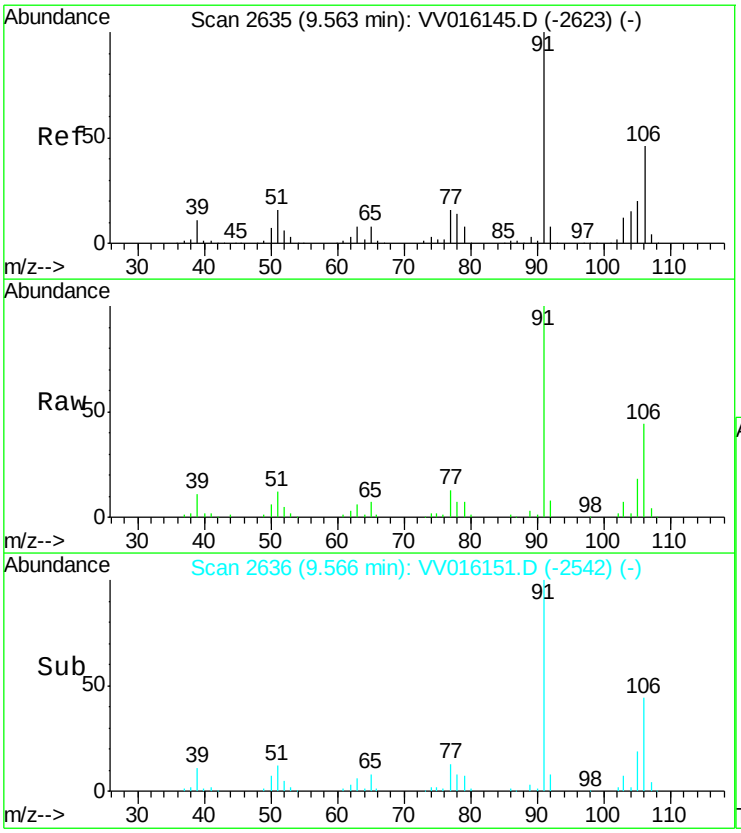
#55
m,p-xylene
Concen: 3.273 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Tgt Ion:106 Resp: 48670

Ion	Ratio	Lower	Upper
106	100		
91	215.9	149.9	278.3

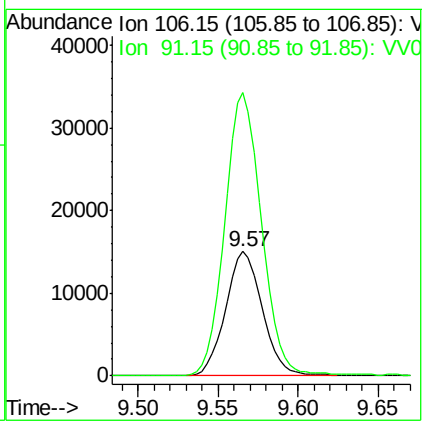


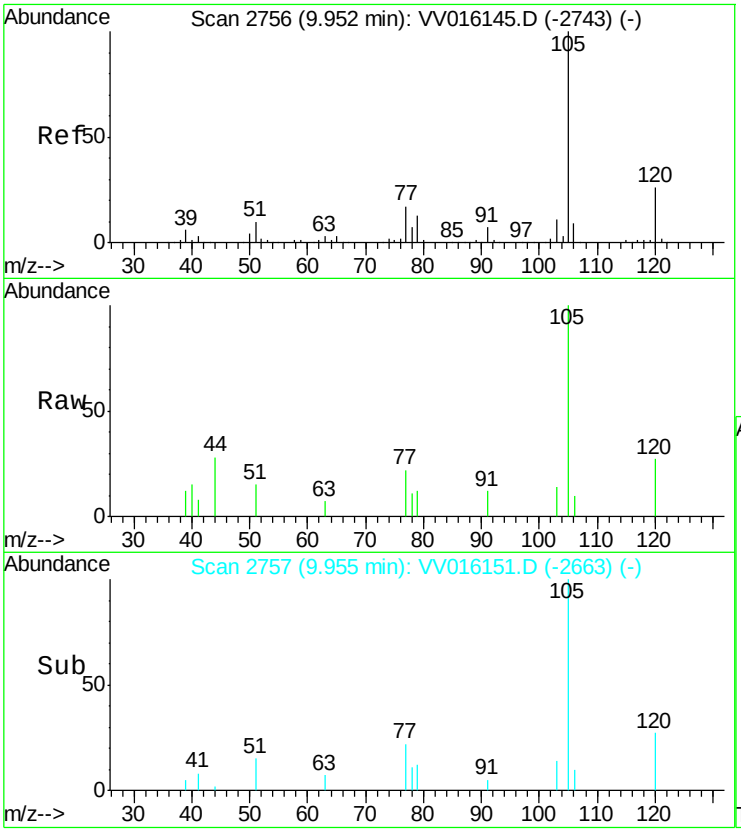


#56
o-xylene
Concen: 1.654 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Tgt Ion:106 Resp: 23516

Ion	Ratio	Lower	Upper
106	100		
91	228.0	159.7	296.5





#58
Isopropylbenzene
Concen: 0.072 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016151.D
Acq: 21 May 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :
F9B23

Tgt Ion:105 Resp: 2800

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.8	31.2
77	23.6	14.1	21.1#