Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016200.D
Acq On : 26 May 2020 19:09
Operator : SY/MD
Sample : L2725-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9B22DL

Manual Integrations APPROVED
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5/28/2020 5:16:47 PM

Quant Time: May 27 05:02:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97297	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95601	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49284	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31041	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.58	69	27650	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.13	63	43742	3.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.60%			
20) 2-Butanone-d5	3.93	46	82107	52.97	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.94%			
24) Chloroform-d	4.38	84	60334	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.06	65	32537	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.08	84	118353	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.10	67	36910	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.34	98	108803	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
45) trans-1,3-Dichloropropene-	7.65	79	13084	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
48) 2-Hexanone-d5	8.11	63	61301	48.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.88%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25740	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	43213	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9469	1.111	ug/L #	81
17) Methyl tert-butyl Ether	2.79	73	3410	0.241	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	3151	0.424	ug/L	96
33) Benzene	5.13	78	11823m	0.430	ug/L	
42) Toluene	7.41	91	45635	1.521	ug/L	97
54) Ethylbenzene	9.04	91	138060	4.128	ug/L	98
55) m,p-xylene	9.16	106	55858	4.454	ug/L	94
56) o-xylene	9.57	106	36472	3.052	ug/L	96
58) Isopropylbenzene	9.95	105	9597	0.293	ug/L	97

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

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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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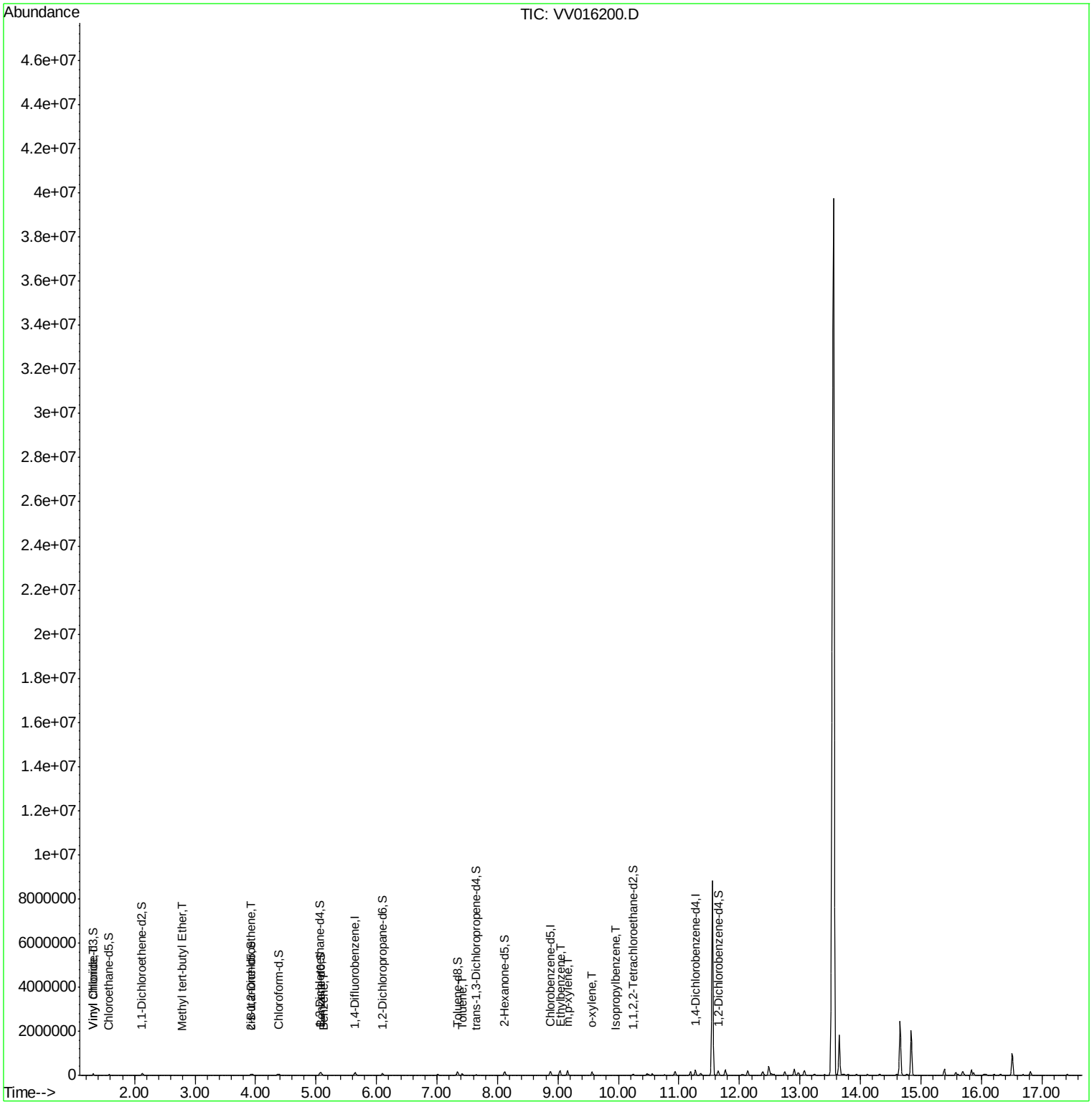
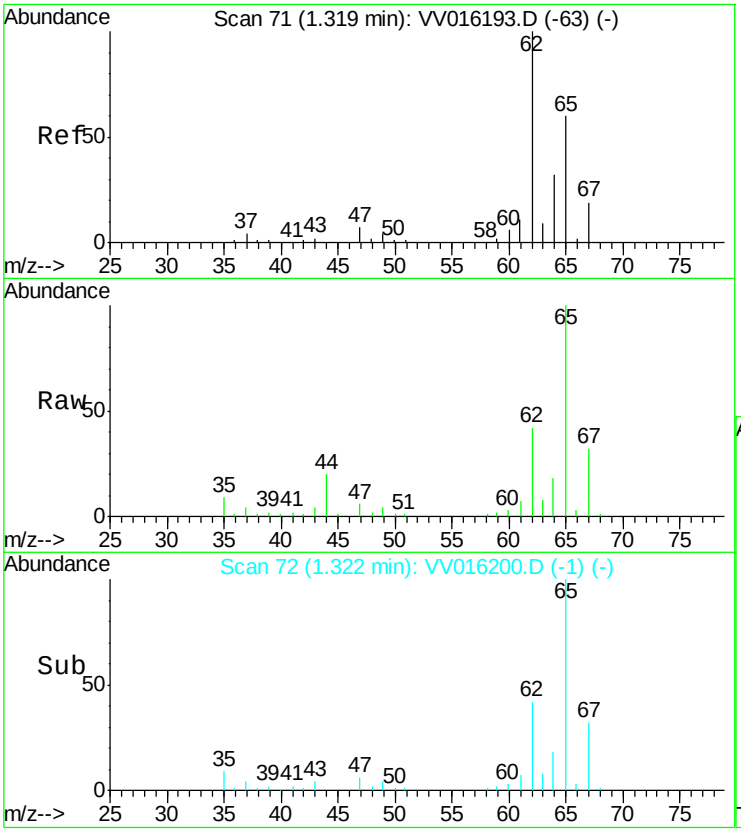
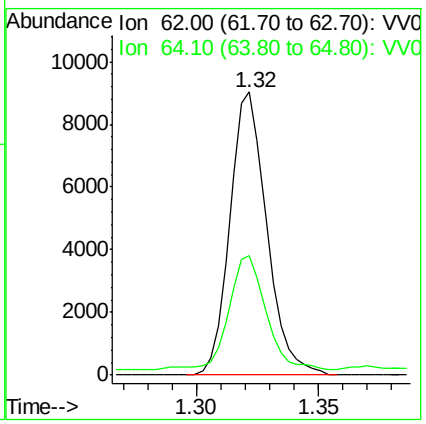




#5
Vinyl chloride
Concen: 1.111 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 62 Resp: 9469

Ion	Ratio	Lower	Upper
62	100		
64	42.2	22.1	41.1#



Instrument :
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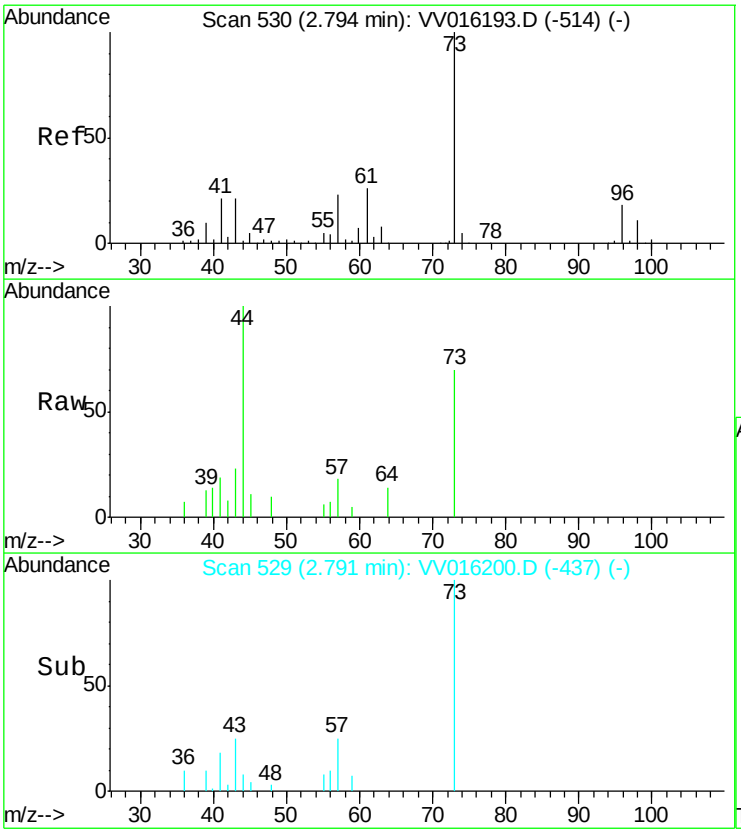
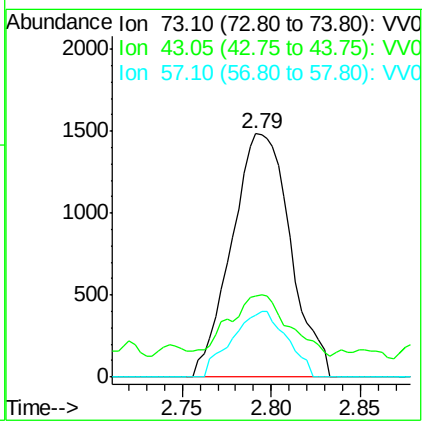
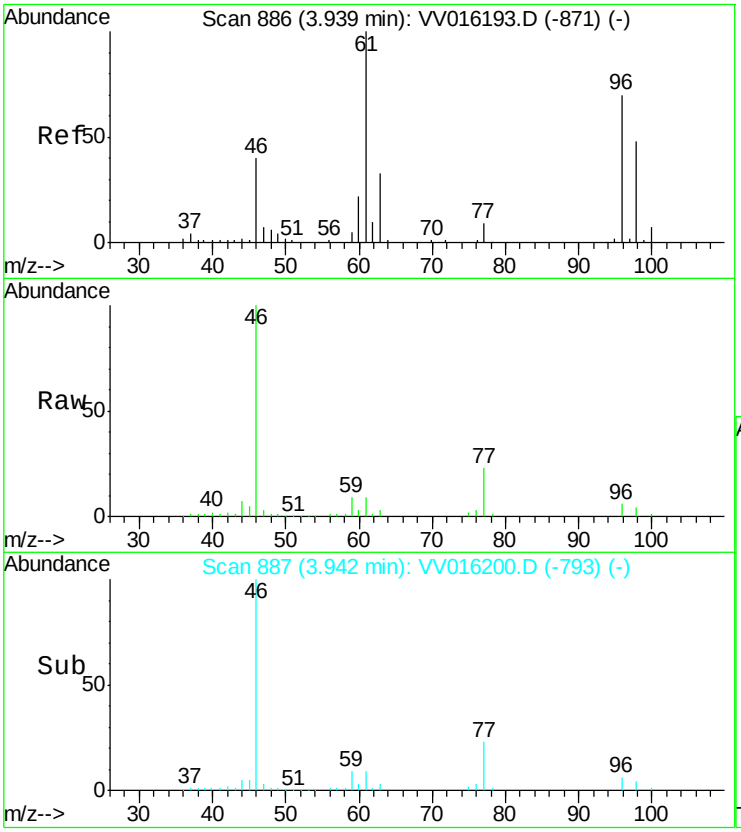


#17
Methyl tert-butyl Ether
Concen: 0.241 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 73 Resp: 3410

Ion	Ratio	Lower	Upper
73	100		
43	24.8	17.8	26.8
57	25.4	18.9	28.3

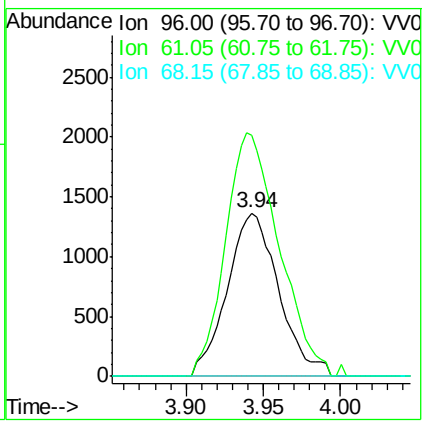




#22
cis-1,2-Dichloroethene
Concen: 0.424 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 96 Resp: 3151

Ion	Ratio	Lower	Upper
96	100		
61	147.7	99.7	185.1
68	0.0	0.0	0.0



Instrument :
MSVOA_V
ClientSampleId :
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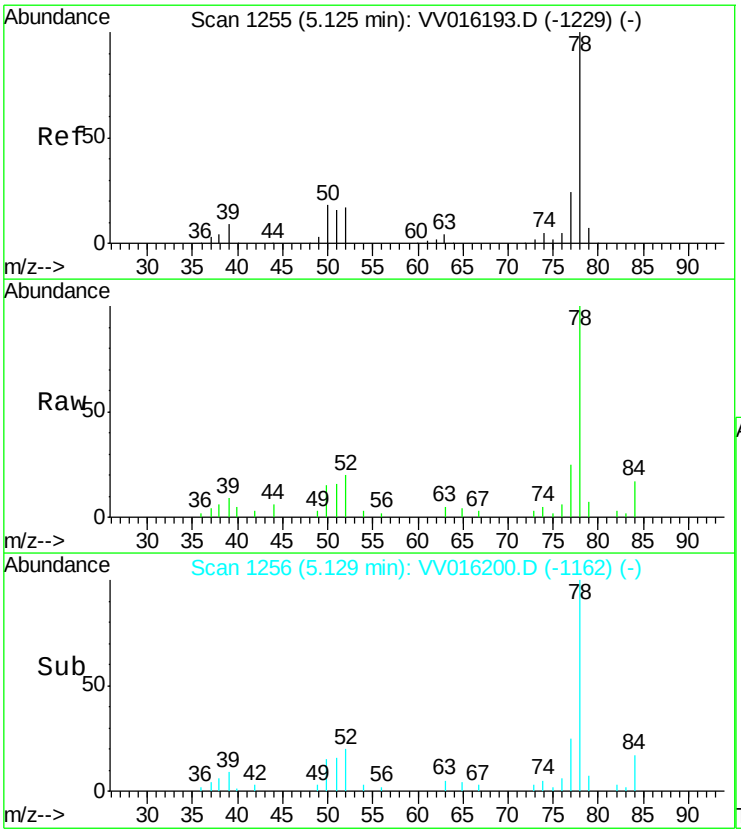
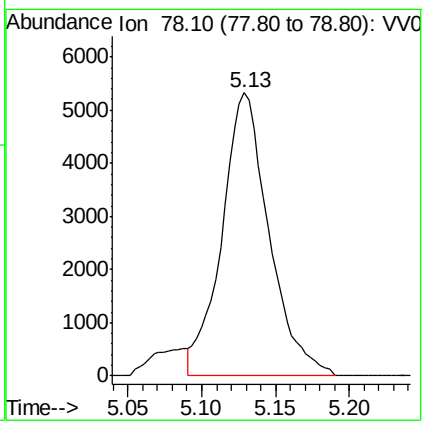
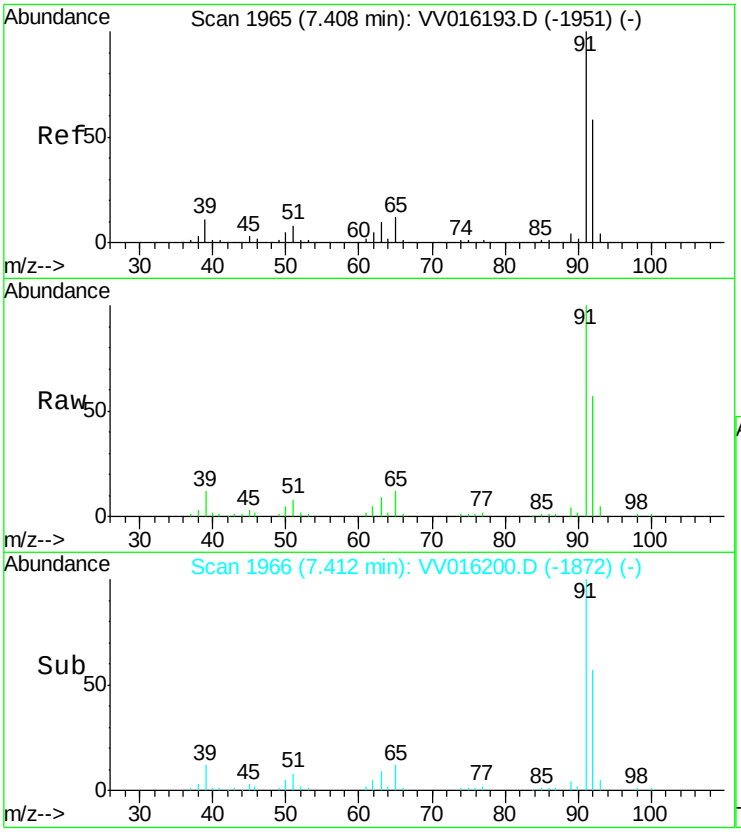


#33
Benzene
Concen: 0.430 ug/L m
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 78 Resp: 11823

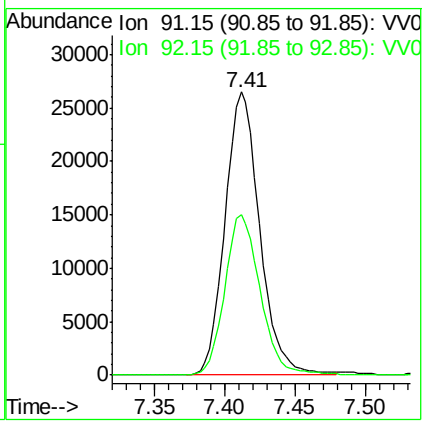




#42
Toluene
Concen: 1.521 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 91 Resp: 45635

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.9	76.0



Instrument :
MSVOA_V
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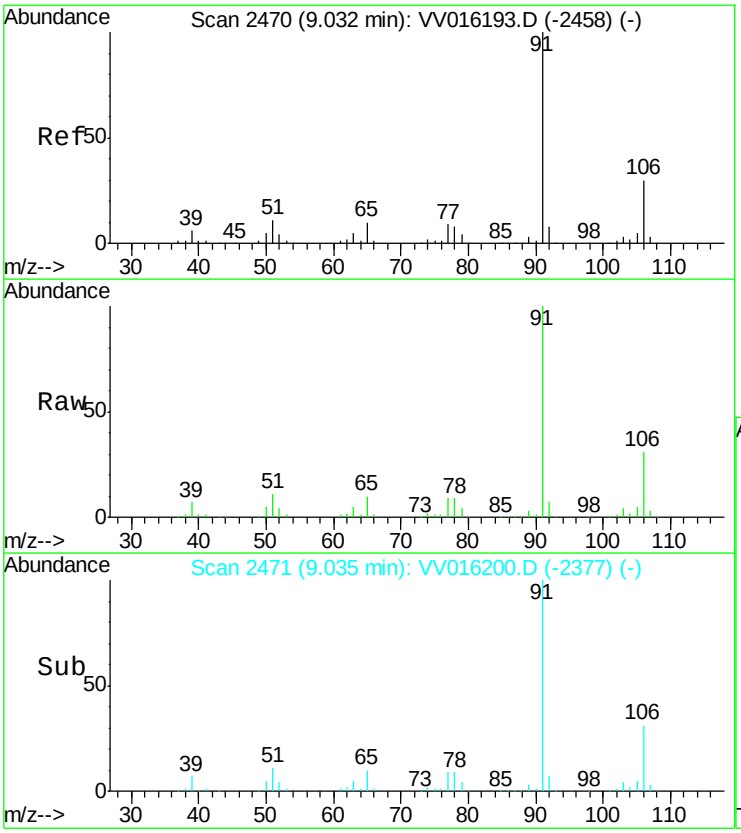
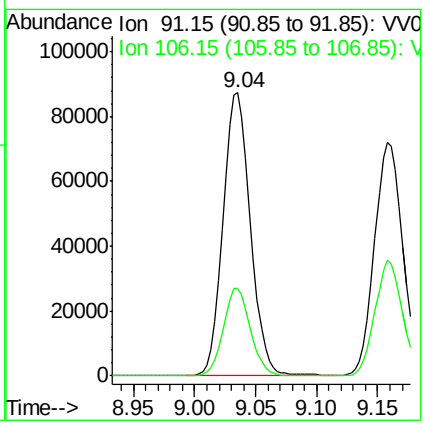
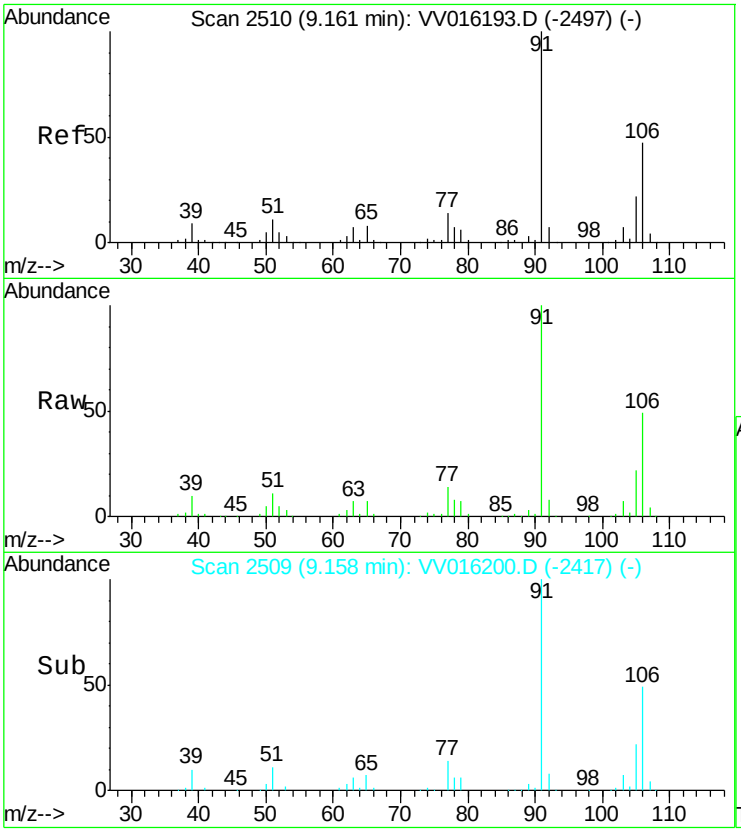


#54
Ethylbenzene
Concen: 4.128 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion: 91 Resp: 138060

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.0	39.0

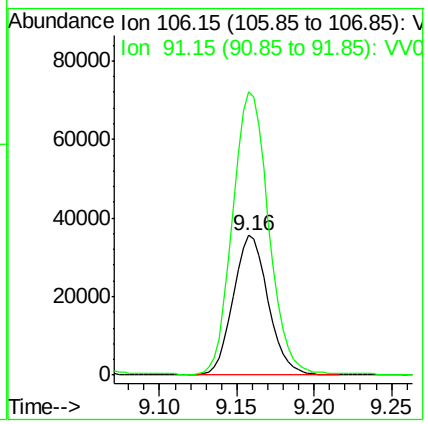




#55
m,p-xylene
Concen: 4.454 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion:106 Resp: 55858

Ion	Ratio	Lower	Upper
106	100		
91	202.7	148.1	275.0



Instrument :
MSVOA_V
ClientSampleId :
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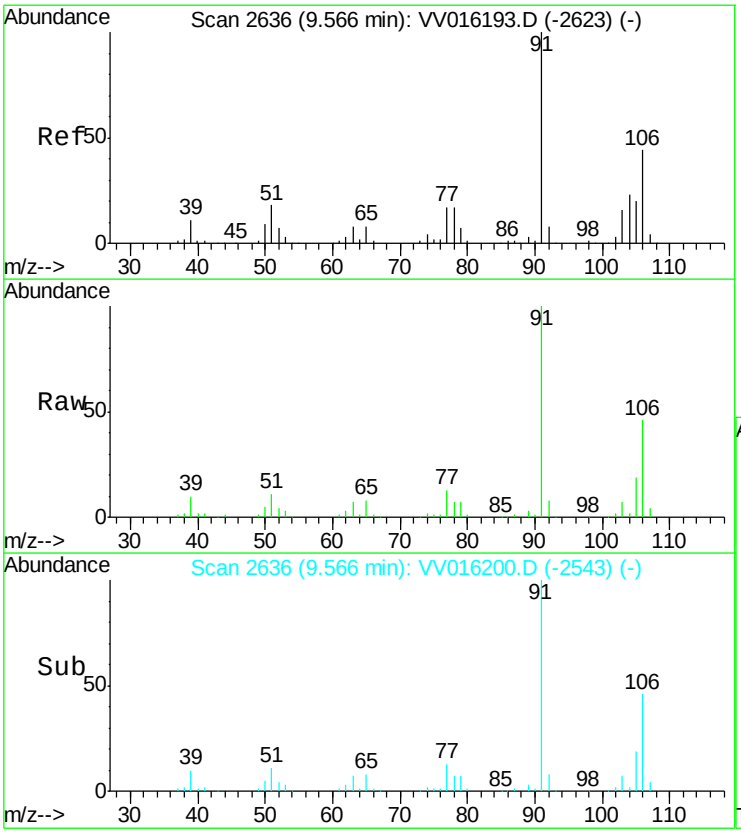
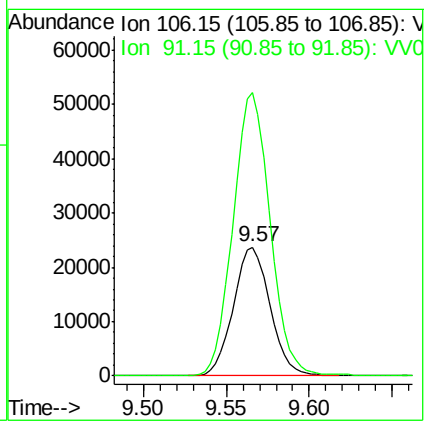
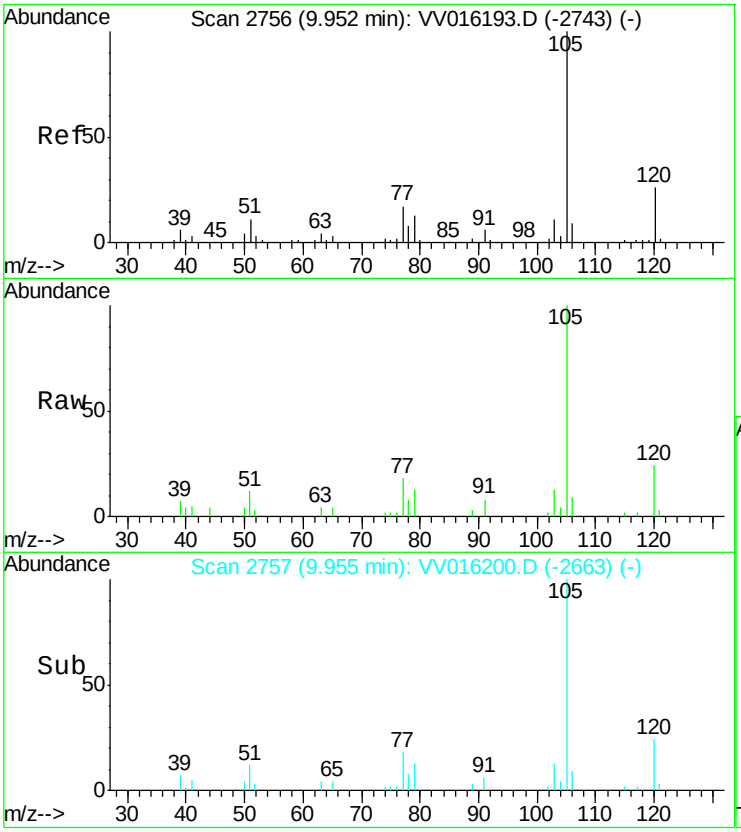


#56
o-xylene
Concen: 3.052 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion:106 Resp: 36472

Ion	Ratio	Lower	Upper
106	100		
91	219.8	158.8	294.8

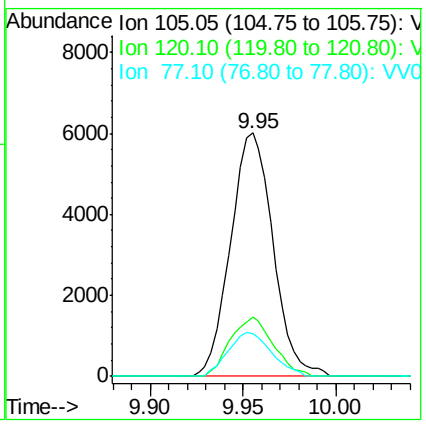




#58
Isopropylbenzene
Concen: 0.293 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016200.D
Acq: 26 May 2020 19:09

Tgt Ion:105 Resp: 9597

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.9	31.3
77	18.3	13.9	20.9



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