Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018528.D
Acq On : 29 Sep 2020 19:51
Operator : SY/MD
Sample : L4171-14 20X
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Quant Time: Sep 30 04:45:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	443770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	426253	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	229328	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	115774	44.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.96%			
7) Chloroethane-d5	1.58	69	96606	44.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.78%			
11) 1,1-Dichloroethene-d2	2.12	63	173361	32.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.38%			
21) 2-Butanone-d5	3.91	46	194819	100.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.35%			
24) Chloroform-d	4.38	84	247243	43.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.86%			
26) 1,2-Dichloroethane-d4	5.06	65	168593	47.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.38%			
32) Benzene-d6	5.07	84	515978	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.58%			
36) 1,2-Dichloropropane-d6	6.09	67	161698	49.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.14%			
41) Toluene-d8	7.34	98	478906	47.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.30%			
43) trans-1,3-Dichloropropene-	7.64	79	80338	45.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.18%			
47) 2-Hexanone-d5	8.11	63	124436	100.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.42%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	206202	47.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.36%			
64) 1,2-Dichlorobenzene-d4	11.65	152	213638	48.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.88%			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	18769	3.861	ug/L	97
52) Ethylbenzene	9.04	91	31533	2.084	ug/L	97
53) m,p-Xylene	9.16	106	64255	10.990	ug/L	95
54) o-xylene	9.57	106	15302	2.764	ug/L	93
56) Isopropylbenzene	9.95	105	109884	7.402	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	42761	8.939	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	12563	2.616	ug/L #	94

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

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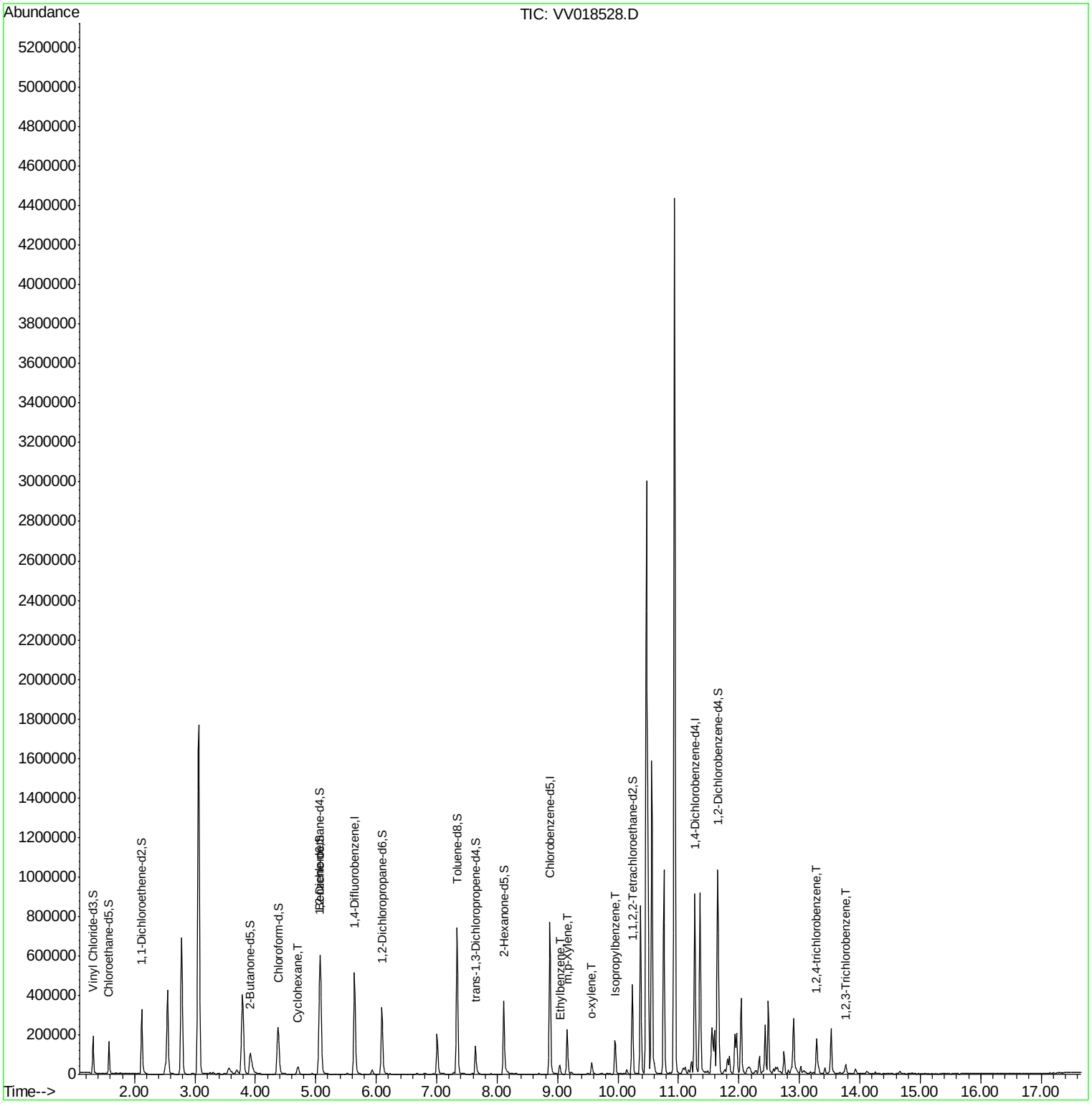
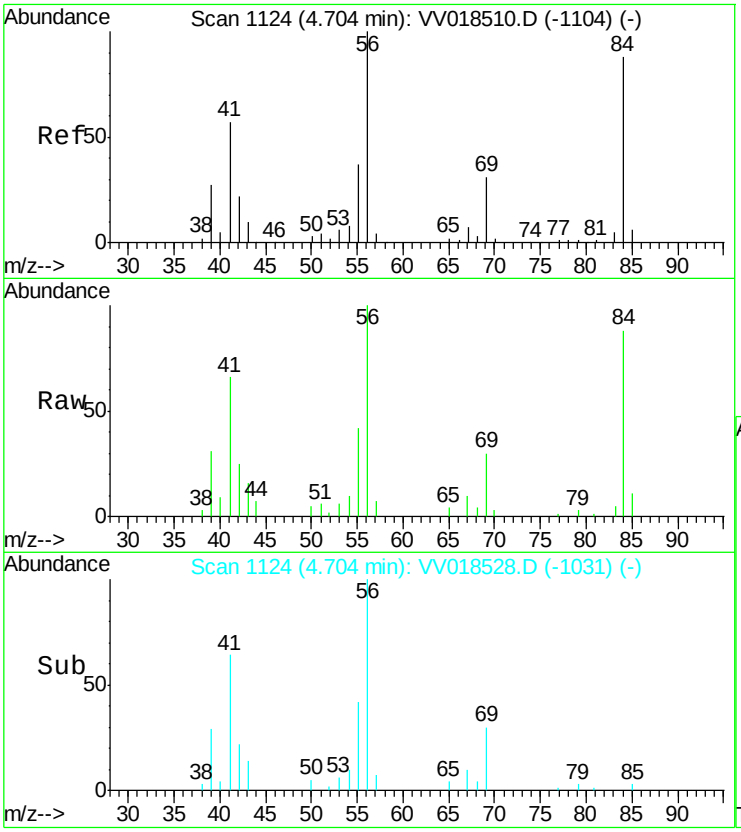


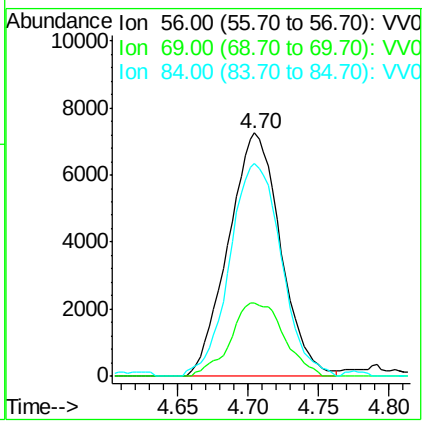


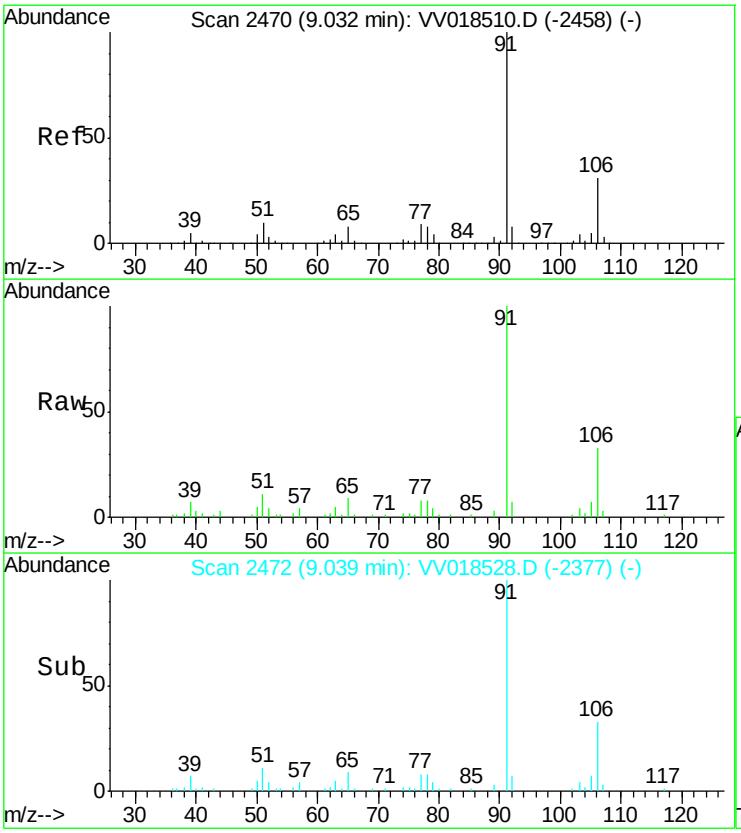
#29
Cyclohexane
Concen: 3.861 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Y4

Tgt Ion: 56 Resp: 18769

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.8	37.2
84	86.5	72.2	108.4

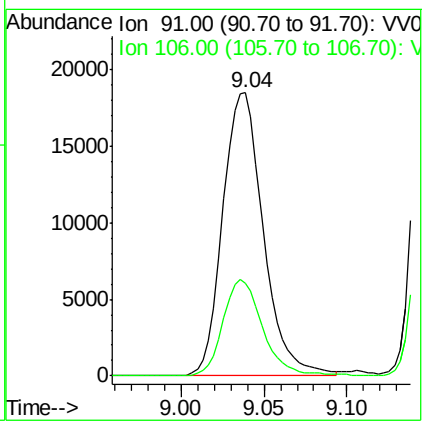


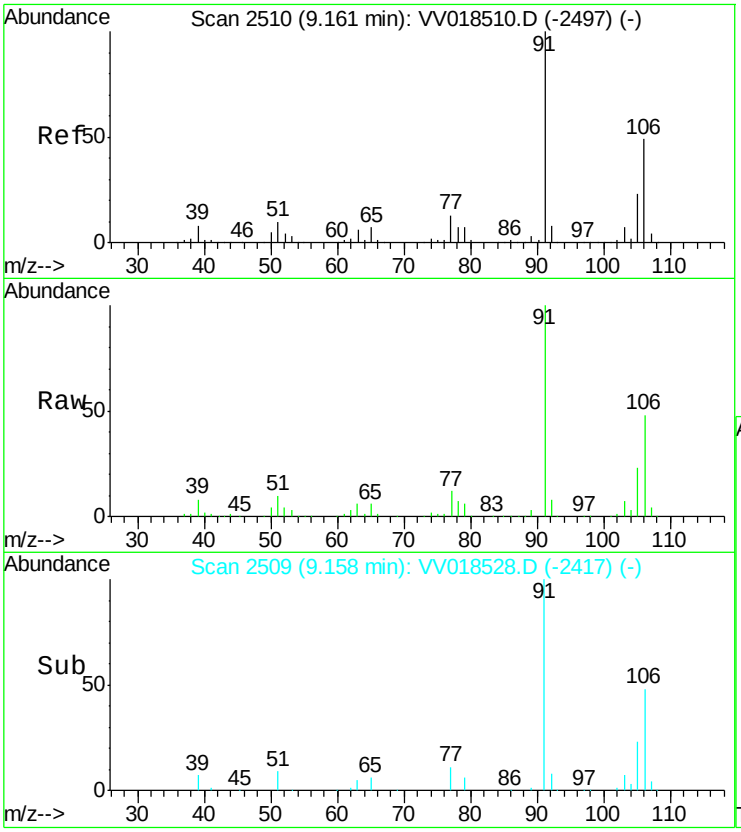


#52
Ethylbenzene
Concen: 2.084 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Tgt Ion: 91 Resp: 31533

Ion	Ratio	Lower	Upper
91	100		
106	32.9	21.9	40.7



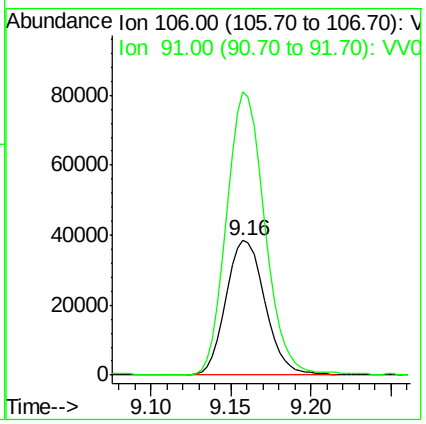


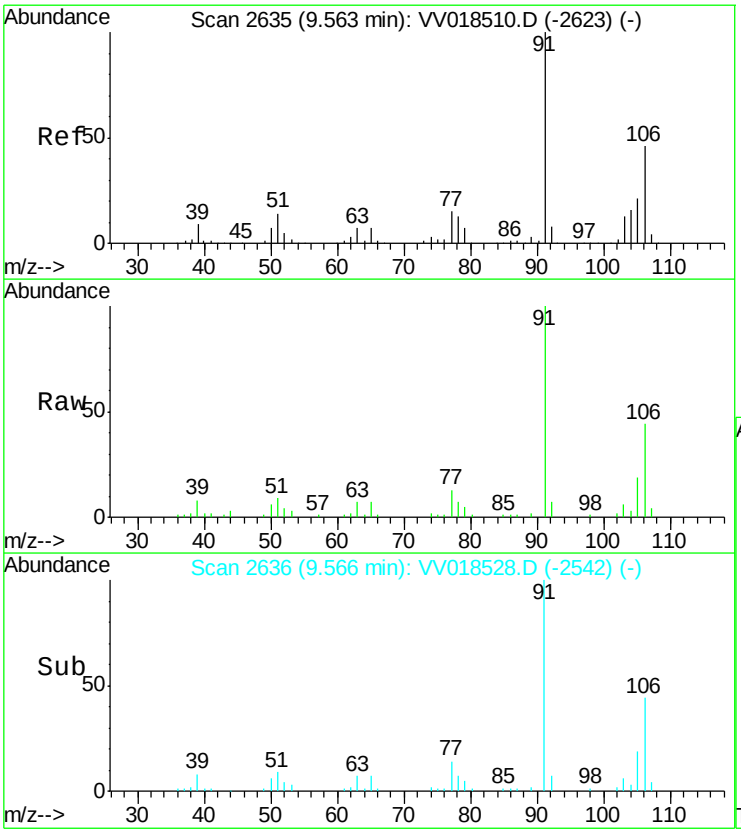
#53
m,p-Xylene
Concen: 10.990 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Y4

Tgt Ion:106 Resp: 64255

Ion	Ratio	Lower	Upper
106	100		
91	210.4	142.3	264.3

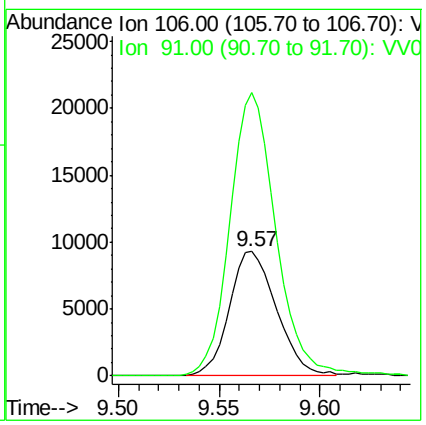


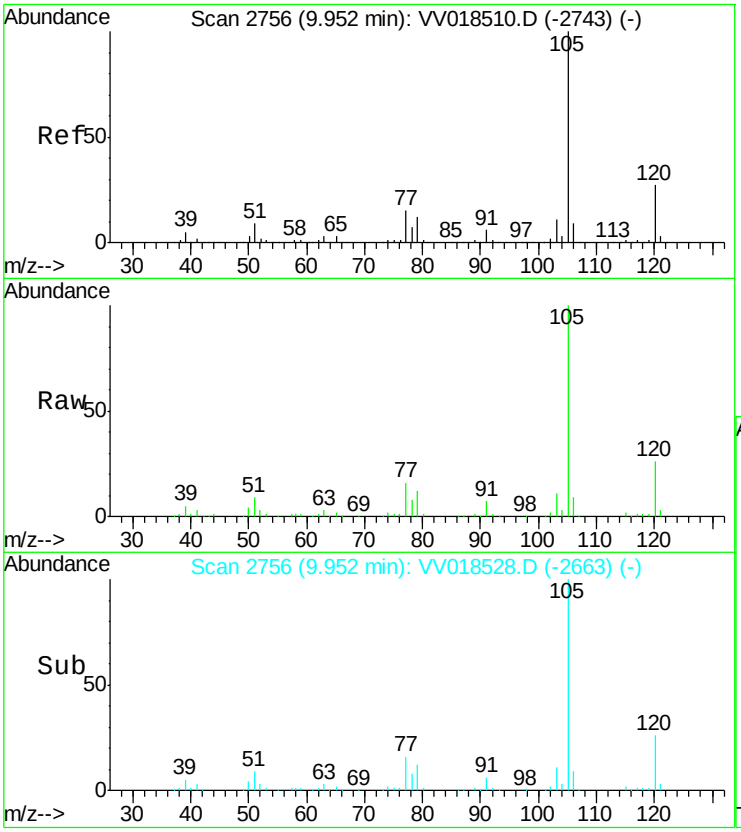


#54
o-xylene
Concen: 2.764 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Tgt Ion:106 Resp: 15302

Ion	Ratio	Lower	Upper
106	100		
91	227.6	151.0	280.4



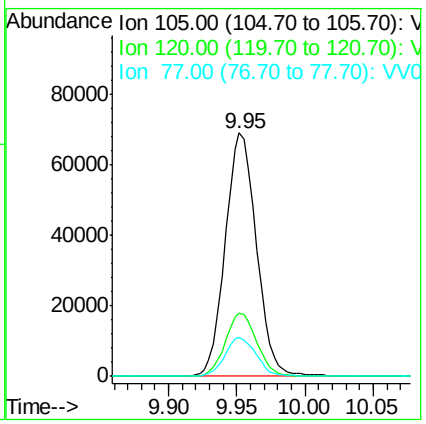


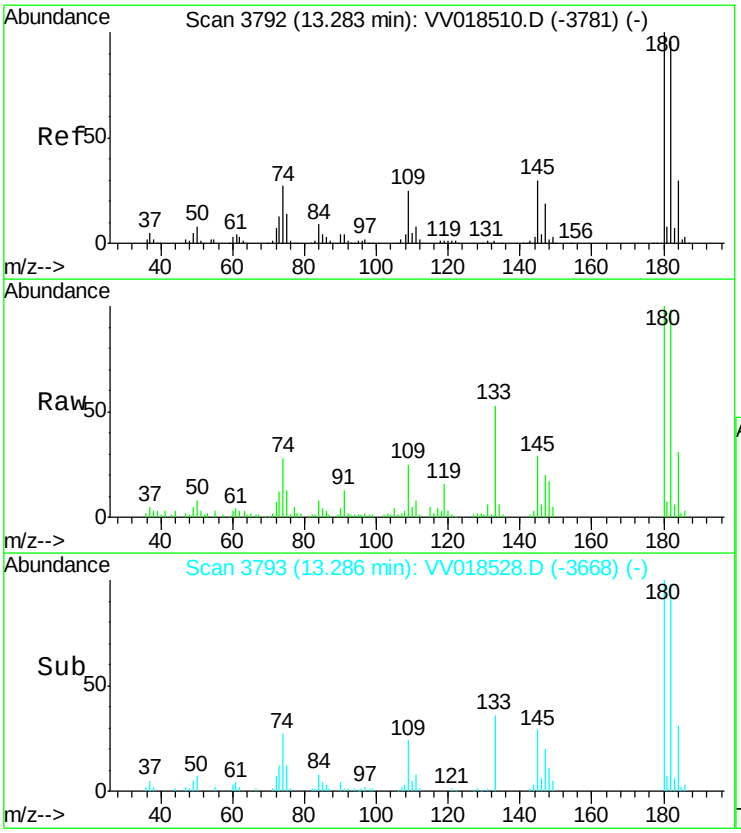
#56
Isopropylbenzene
Concen: 7.402 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Instrument : MSVOA_V
ClientSampleId : BG3Y4

Tgt Ion:105 Resp: 109884

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.5	32.3
77	15.9	12.2	18.2

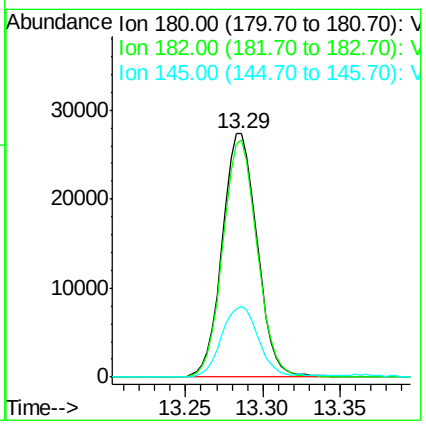


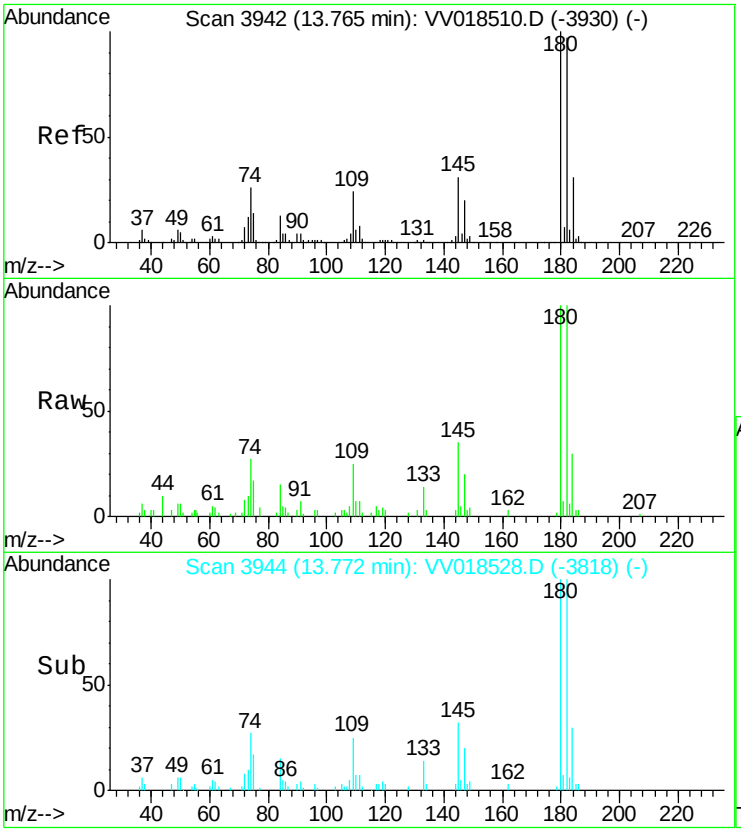


#68
1,2,4-trichlorobenzene
Concen: 8.939 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Tgt Ion:180 Resp: 42761

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.3	114.5
145	30.5	23.6	35.4





#70
1,2,3-Trichlorobenzene
Concen: 2.616 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.01 min
Lab File: VV018528.D
Acq: 29 Sep 2020 19:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Y4

Tgt Ion:180 Resp: 12563

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.1	115.7
145	41.5	25.1	37.7#