Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026523.D
Acq On : 23 Jun 2022 18:44
Operator : SY/MD
Sample : N3400-11DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD8DL

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 02:04:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 24 00:51:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	215412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	196627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	80458	4.644	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.800%			
7) Chloroethane-d5	1.577	69	66268	4.762	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.118	63	109270	3.550	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.000%			
20) 2-Butanone-d5	3.921	46	100804	58.528	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.060%			
24) Chloroform-d	4.359	84	132585	4.682	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	5.040	65	56175	5.150	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	5.056	84	278219	4.926	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	6.072	67	80061	5.155	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.000%			
41) Toluene-d8	7.320	98	226489	4.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	7.629	79	18361	4.574	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.092	63	81150	53.071	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.140%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53609	5.276	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	88141	5.394	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
8) Chloroethane	1.597	64	29586	2.278	ug/L	94
16) Methylene chloride	2.519	84	20885	1.352	ug/L	96
30) Cyclohexane	4.683	56	56890	2.970	ug/L	95
33) Benzene	5.108	78	171644	2.990	ug/L	100
35) Methylcyclohexane	6.133	83	61281	2.745	ug/L #	88
52) Ethylbenzene	9.011	91	464170	7.573	ug/L	99
53) m,p-Xylene	9.140	106	220960	9.241	ug/L	99
60) Isopropylbenzene	9.931	105	537281	8.824	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	8396m	0.174	ug/L	
63) 1,2,4-Trimethylbenzene	10.915	105	31242	0.658	ug/L	96

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

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Instrument :
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ClientSampleId :
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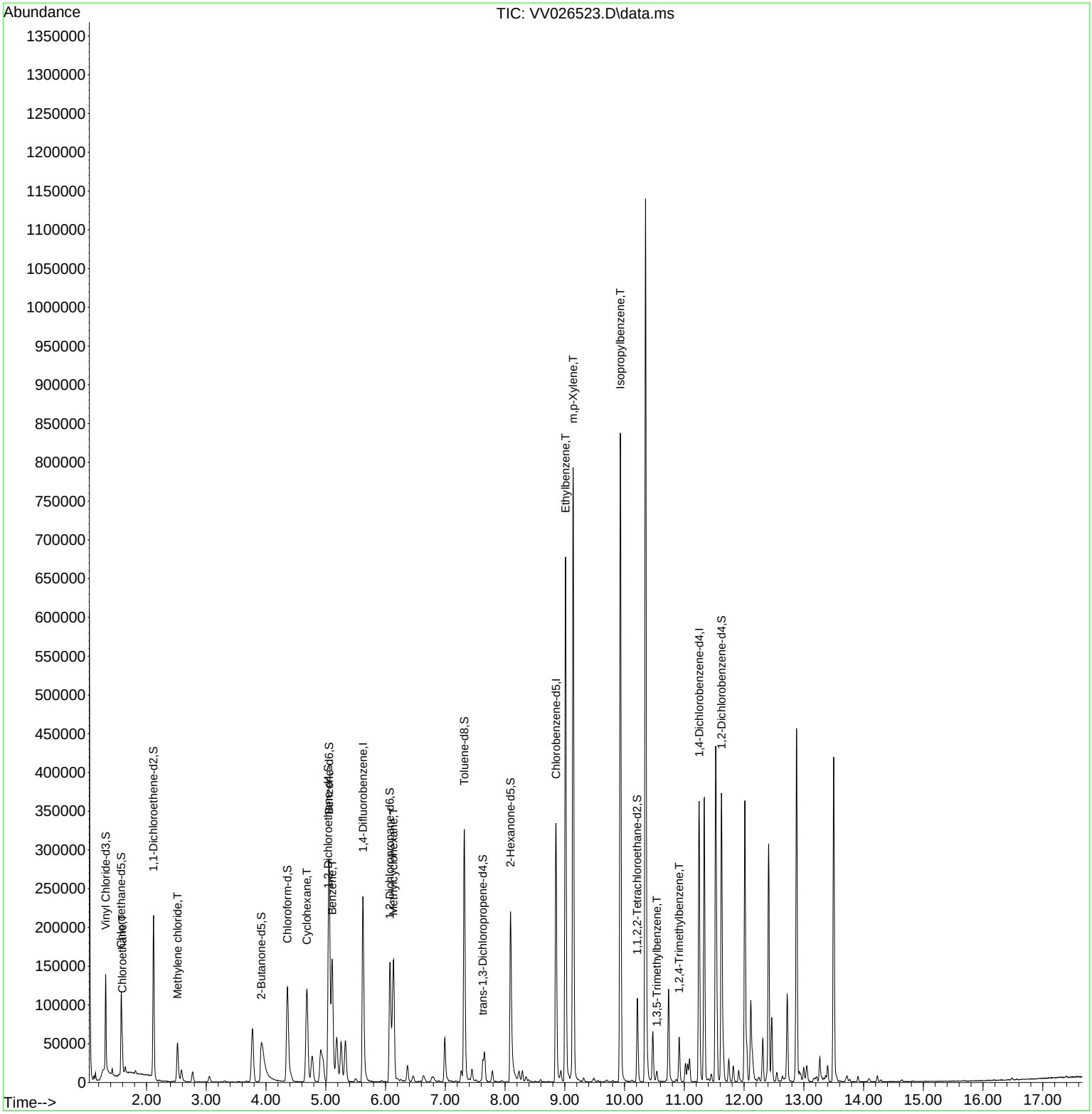
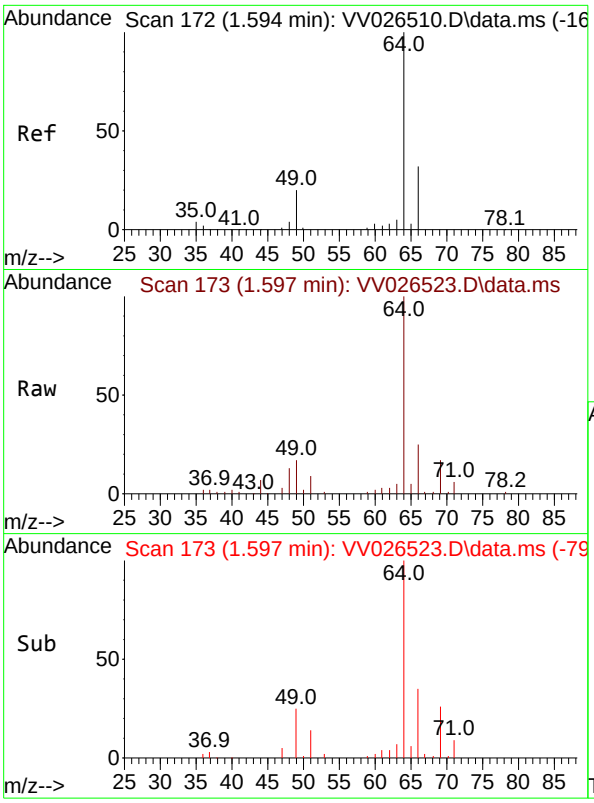
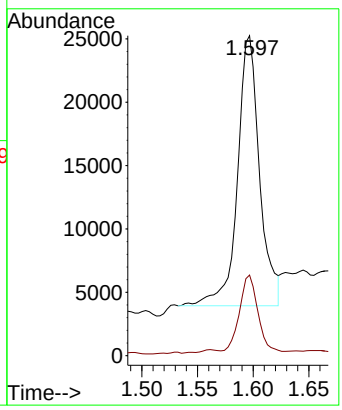




#8
Chloroethane
Concen: 2.278 ug/L
RT: 1.597 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 64 Resp: 2958

Ion	Ratio	Lower	Upper
64	100		
66	25.2	20.0	37.2



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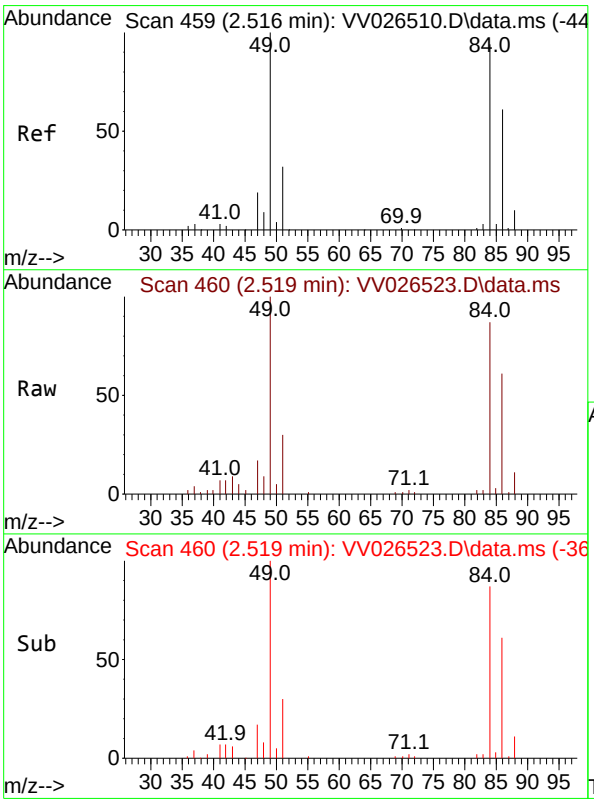
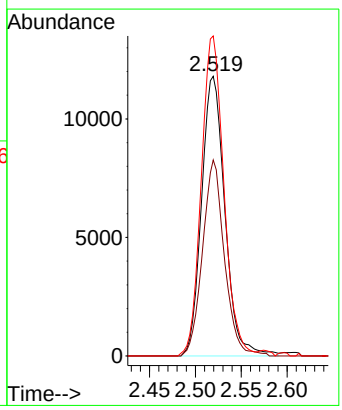
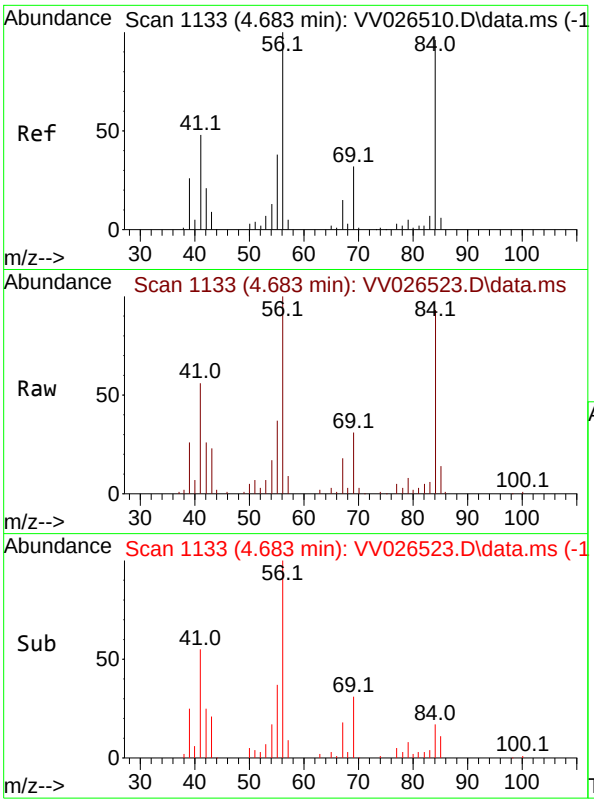


#16
Methylene chloride
Concen: 1.352 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 84 Resp: 20885

Ion	Ratio	Lower	Upper
84	100		
86	70.1	46.0	85.4
49	114.4	77.7	144.3

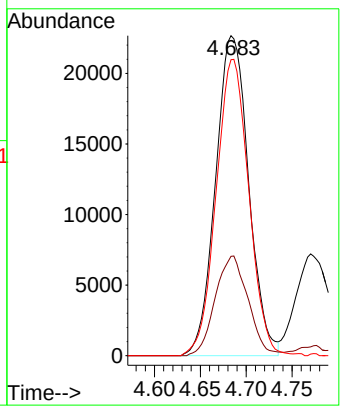




#30
Cyclohexane
Concen: 2.970 ug/L
RT: 4.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 56 Resp: 5689

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.4	38.2
84	91.3	77.8	116.6



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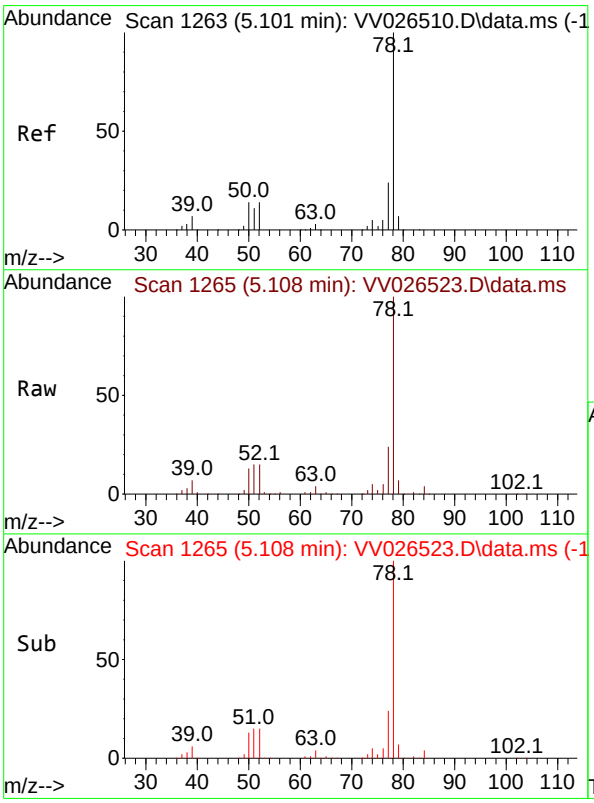
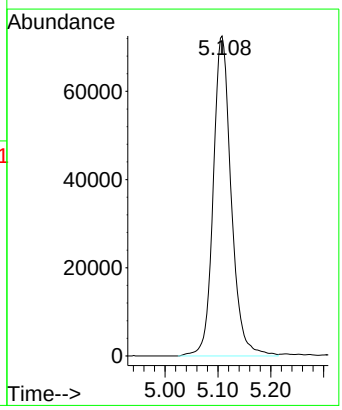
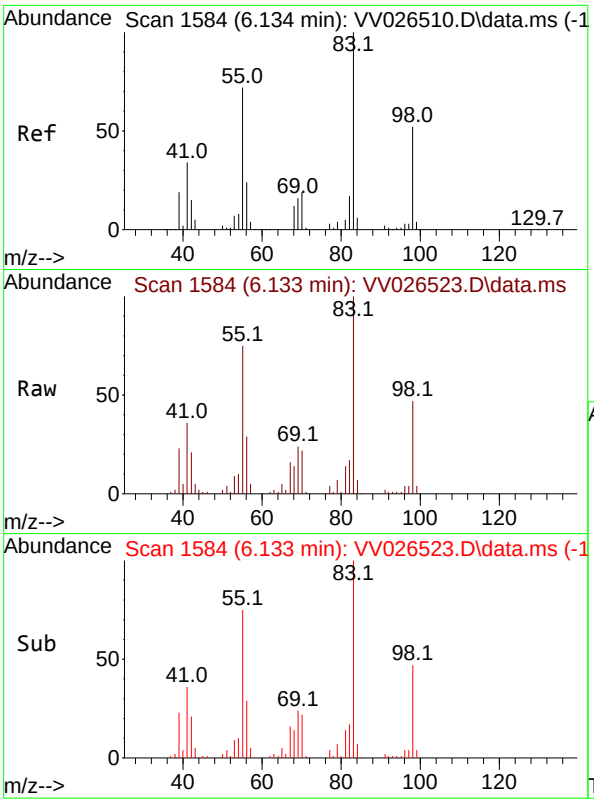


#33
Benzene
Concen: 2.990 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 78 Resp: 171644





#35
Methylcyclohexane
Concen: 2.745 ug/L
RT: 6.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 83 Resp: 6128

Ion	Ratio	Lower	Upper
83	100		
55	87.8	57.0	85.4
98	49.7	39.8	59.8

Instrument :
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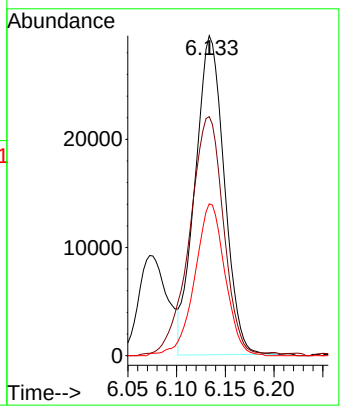
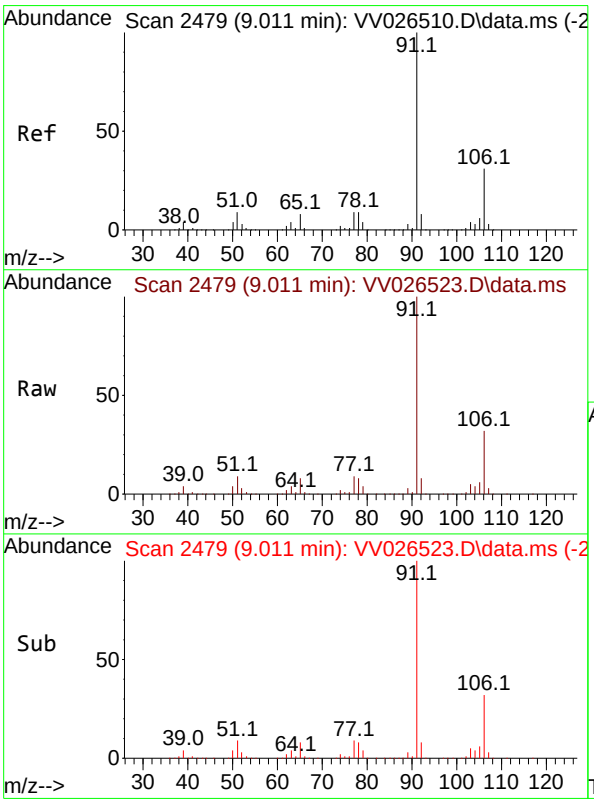
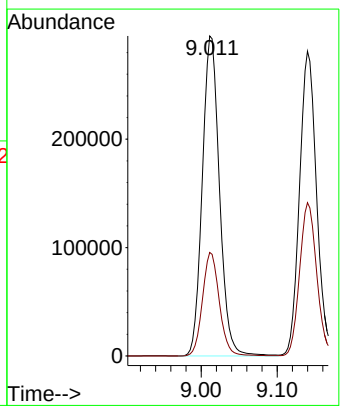


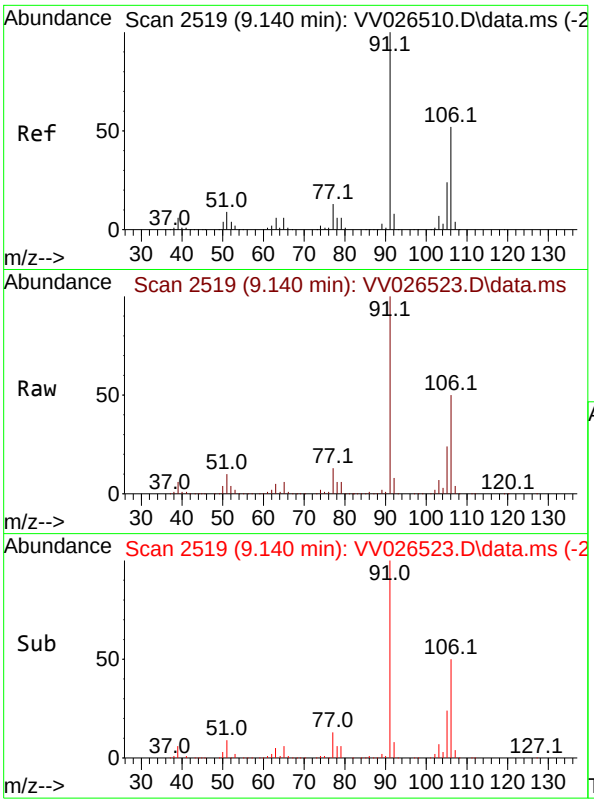


#52
Ethylbenzene
Concen: 7.573 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion: 91 Resp: 464170

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.1	41.1

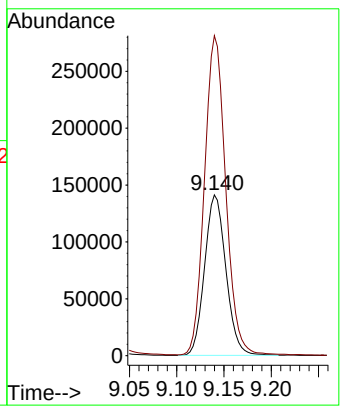




#53
m,p-Xylene
Concen: 9.241 ug/L
RT: 9.140 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion:106 Resp: 22096

Ion	Ratio	Lower	Upper
106	100		
91	198.9	139.9	259.9



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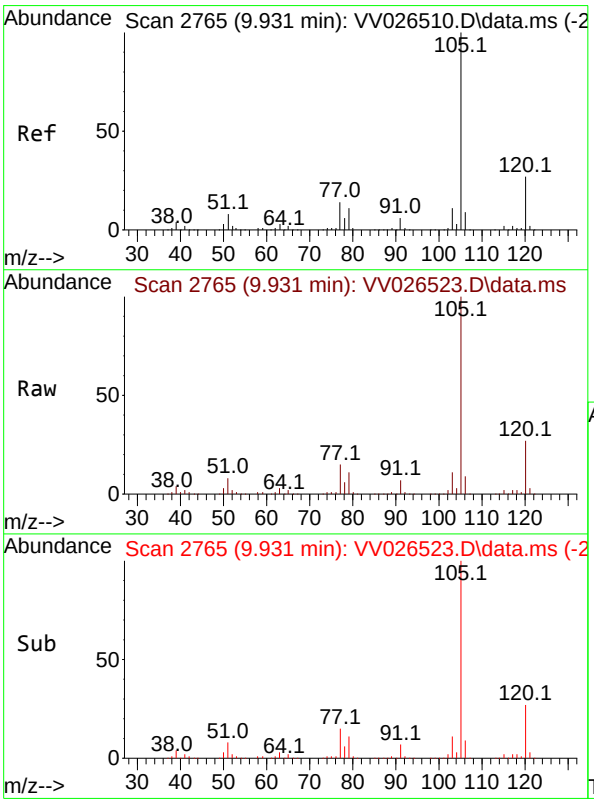
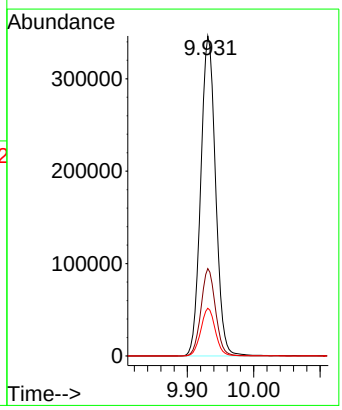
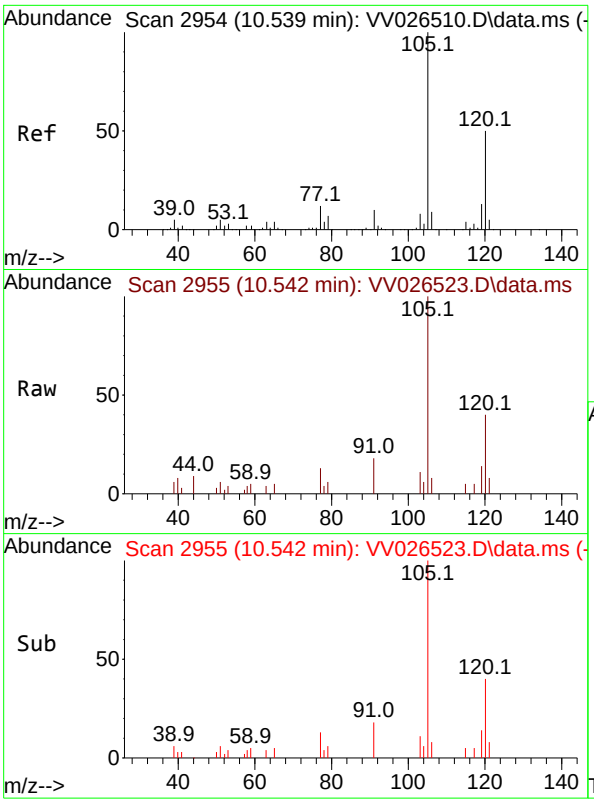


#60
Isopropylbenzene
Concen: 8.824 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion:105 Resp: 537281

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.2
77	14.6	11.6	17.4

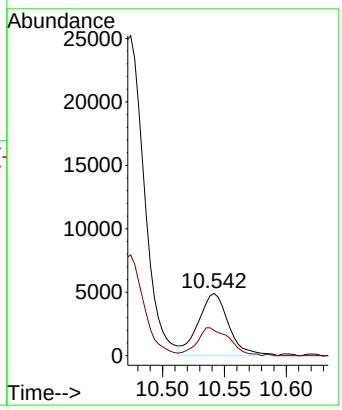




#62
1,3,5-Trimethylbenzene
Concen: 0.174 ug/L m
RT: 10.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion:105 Resp: 839

Ion	Ratio	Lower	Upper
105	100		
120	185.0	39.6	59.4



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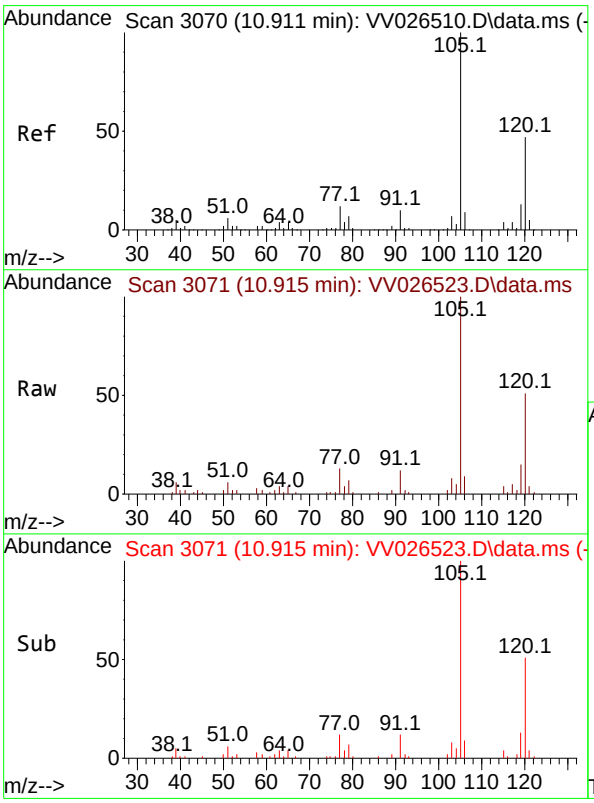

#63
1,2,4-Trimethylbenzene
Concen: 0.658 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026523.D
Acq: 23 Jun 2022 18:44

Tgt Ion:105 Resp: 31242

Ion	Ratio	Lower	Upper
105	100		
120	49.7	37.4	56.2