Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
Data File : VW021645.D
Acq On : 25 Dec 2021 14:56
Operator : SY/VA
Sample : M5174-16RE
Misc : 7.66g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 27 00:40:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GBC25RE

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/27/2021
Supervised By :Mahesh Dadoda 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	77270	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	54067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	15602	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	25080	17.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.280%			
7) Chloroethane-d5	2.879	69	19052	20.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.920%			
11) 1,1-Dichloroethene-d2	4.013	63	28752	15.325	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.280%			
21) 2-Butanone-d5	7.092	46	17949	90.482	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 180.960%#			
24) Chloroform-d	7.653	84	53385	24.792	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.160%			
26) 1,2-Dichloroethane-d4	8.305	65	33502	29.248	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.000%			
32) Benzene-d6	8.275	84	91882	31.003	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 124.000%			
36) 1,2-Dichloropropane-d6	9.275	67	28348	35.667	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 142.680%#			
41) Toluene-d8	10.323	98	72649	23.992	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.960%			
43) trans-1,3-Dichloroprop...	10.579	79	10233	27.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.840%			
47) 2-Hexanone-d5	10.927	63	14103	119.995	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 240.000%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	18712	27.387	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	11257	18.617	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 74.480%#			
Target Compounds						Qvalue
13) Acetone	4.153	43	1716m	9.649	ug/L	
17) trans-1,2-Dichloroethene	5.434	96	1041	1.004	ug/L	72
20) cis-1,2-Dichloroethene	7.165	96	8082	7.389	ug/L	75
29) Cyclohexane	7.964	56	665	0.618	ug/L #	55
33) Benzene	8.323	78	3203	1.087	ug/L	100
34) Trichloroethene	9.092	95	1695	2.050	ug/L	89
35) Methylcyclohexane	9.335	83	1286	0.943	ug/L	93
42) Toluene	10.384	91	10129	2.940	ug/L	86
46) Tetrachloroethene	10.860	164	1962	2.498	ug/L	91
52) Ethylbenzene	11.731	91	9864	2.506	ug/L	91
53) m,p-Xylene	11.835	106	1195	0.753	ug/L	89
63) 1,2,4-Trimethylbenzene	13.249	105	1209	0.679	ug/L	98

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

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Quant Title : SFAM01.0
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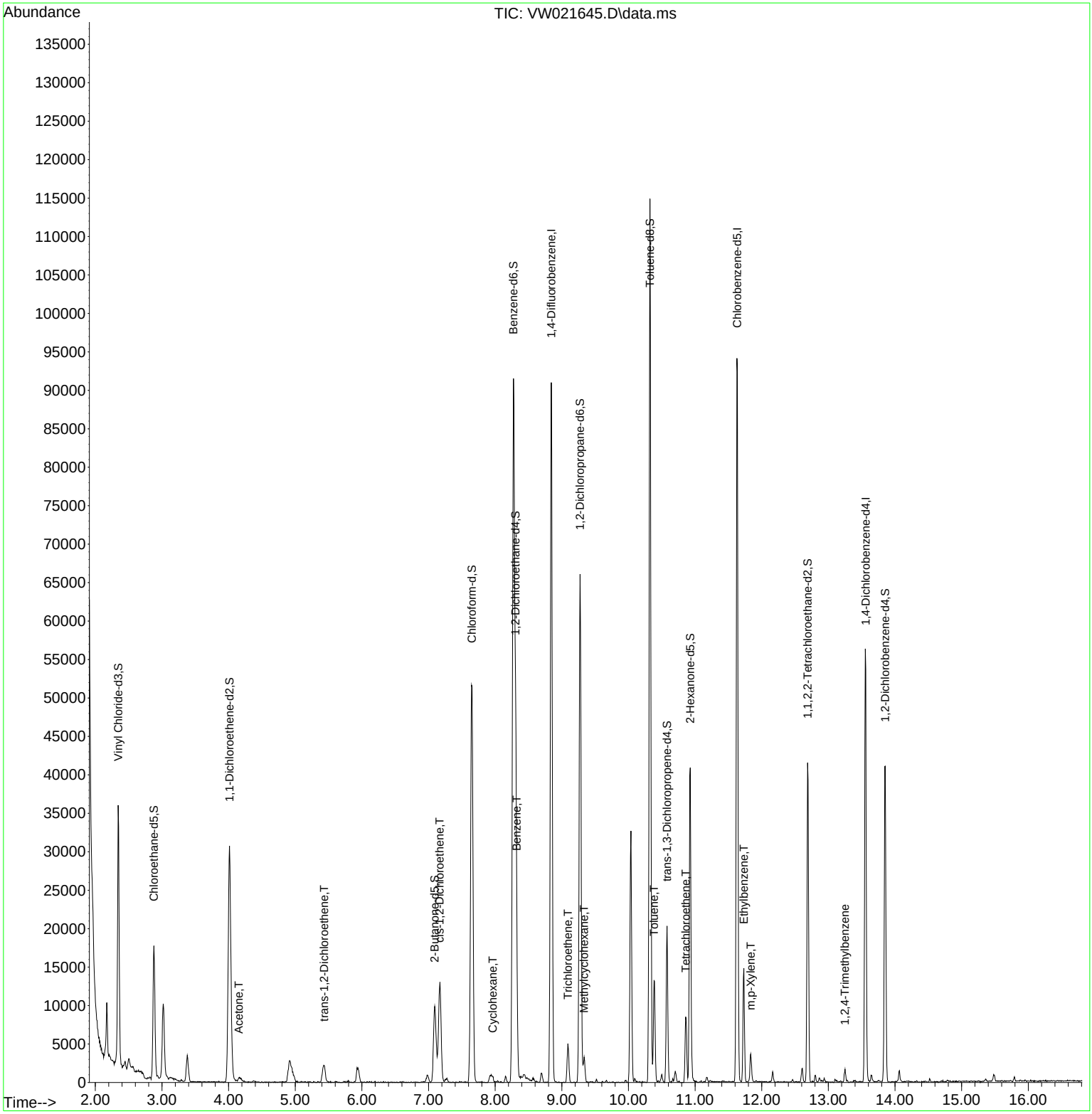
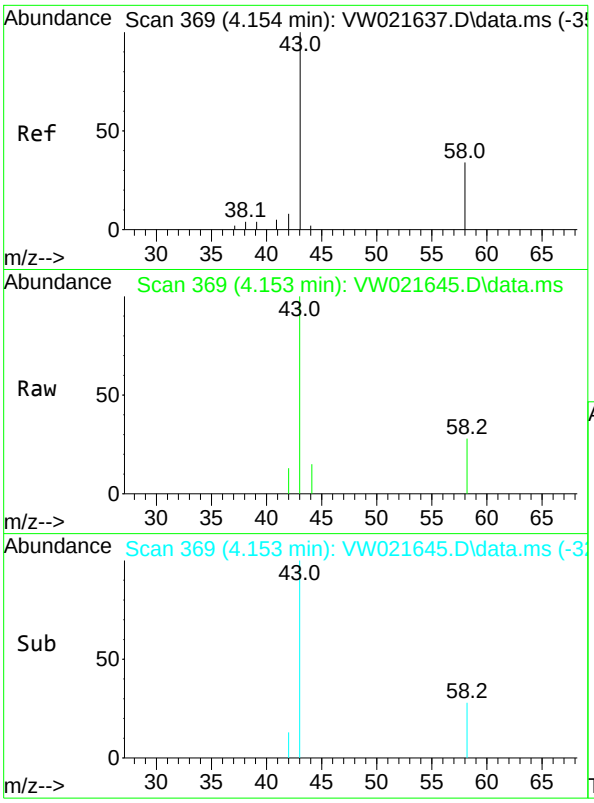
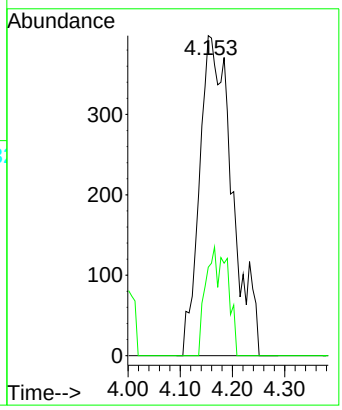




#13
Acetone
Concen: 9.649 ug/L m
RT: 4.153 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 43 Resp: 171

Ion	Ratio	Lower	Upper
43	100		
58	12.7	0.0	52.8



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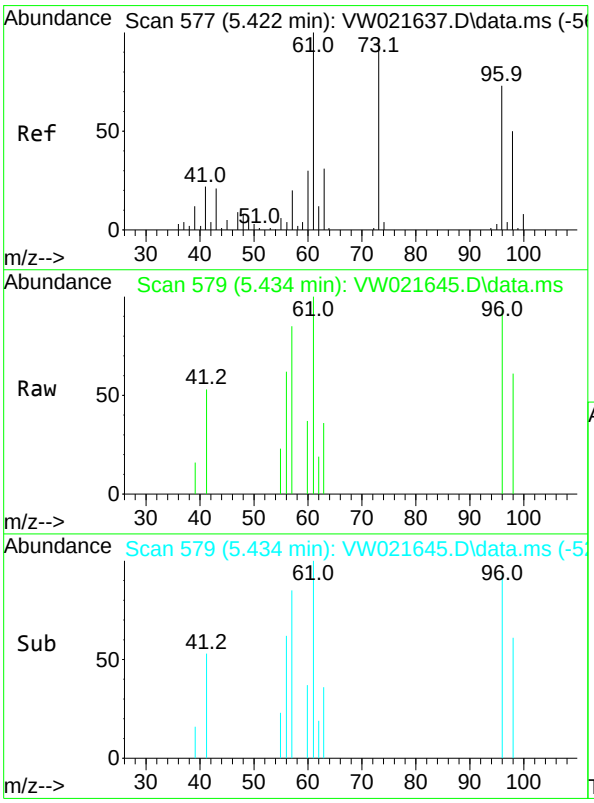
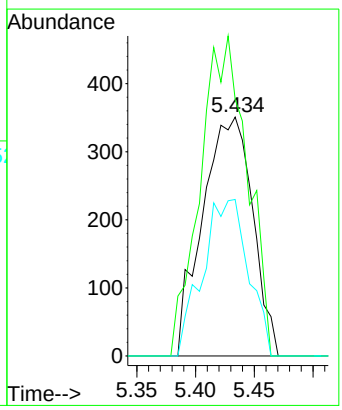
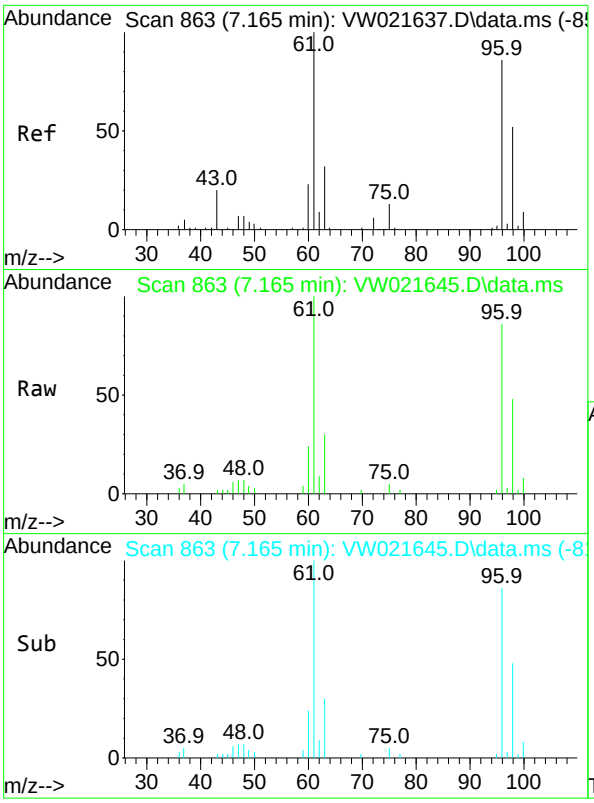


#17
trans-1,2-Dichloroethene
Concen: 1.004 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 96 Resp: 1041

Ion	Ratio	Lower	Upper
96	100		
61	107.4	107.4	199.4
98	65.5	41.2	76.6

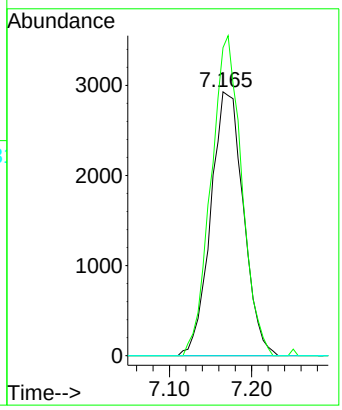




#20
cis-1,2-Dichloroethene
Concen: 7.389 ug/L
RT: 7.165 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 96 Resp: 808

Ion	Ratio	Lower	Upper
96	100		
61	116.7	103.7	192.7
68	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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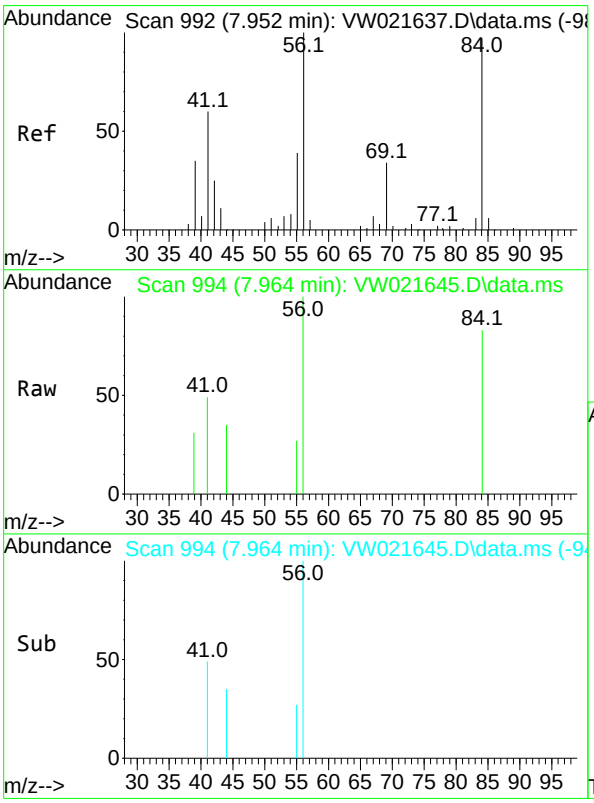
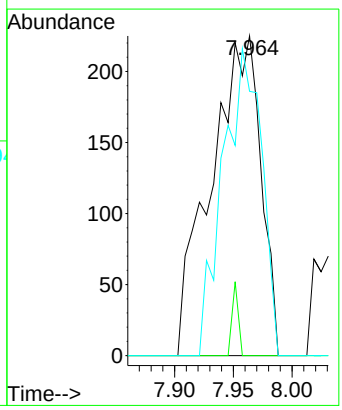
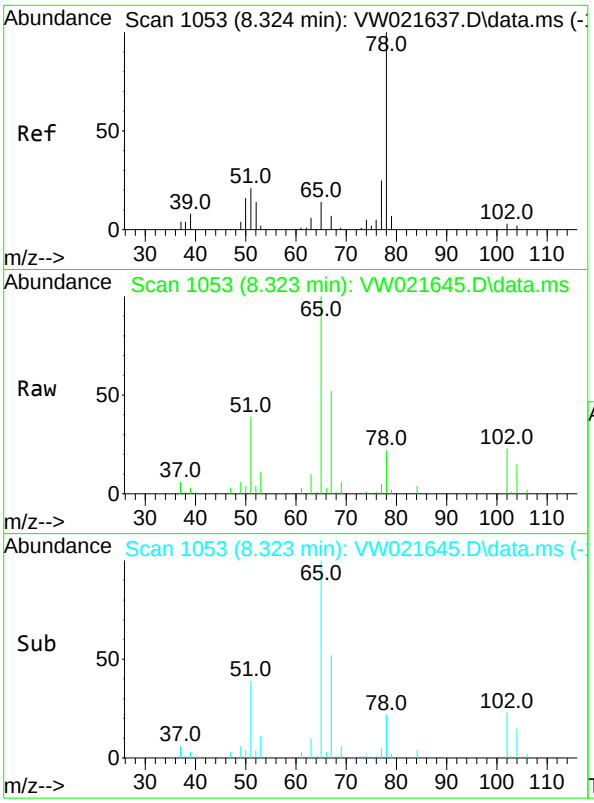


#29
Cyclohexane
Concen: 0.618 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 56 Resp: 665

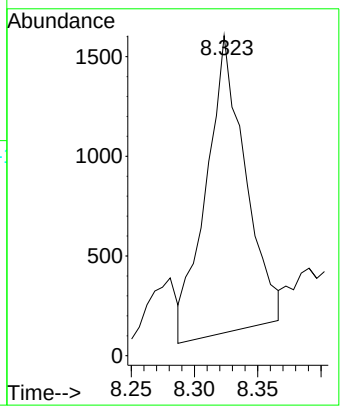
Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.5	35.3#
84	42.9	63.4	95.2#





#33
Benzene
Concen: 1.087 ug/L
RT: 8.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 78 Resp: 320



Instrument :
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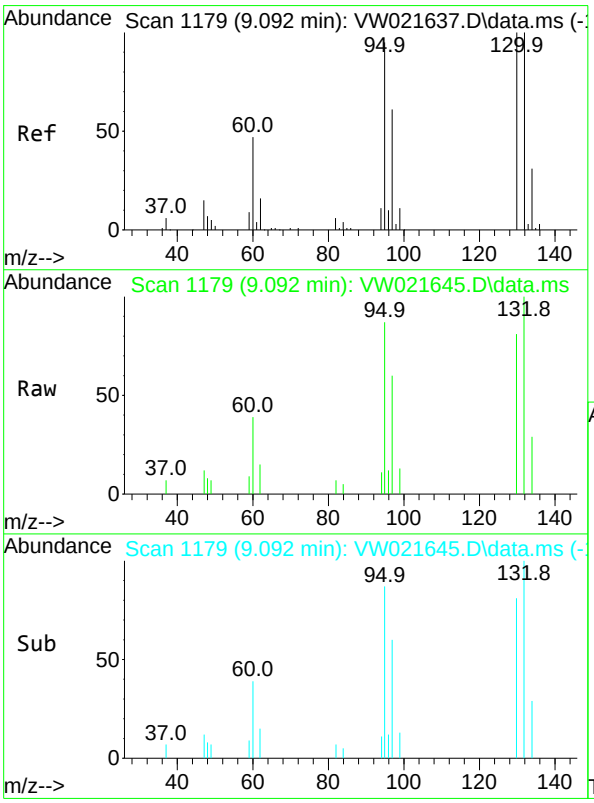
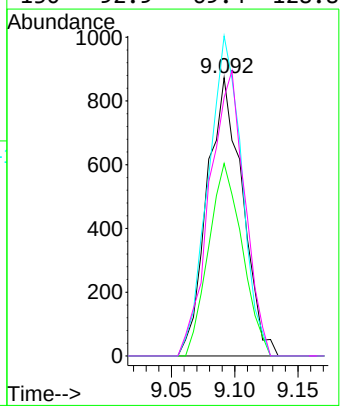
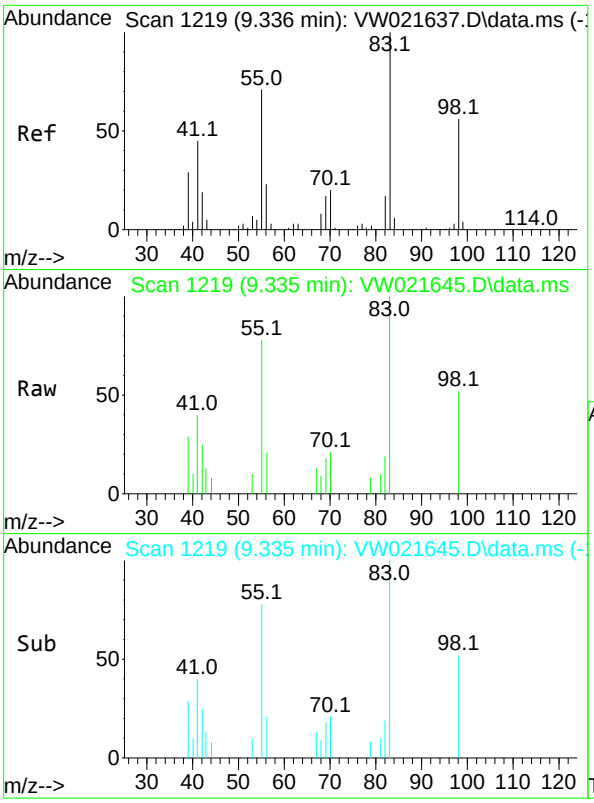


#34
Trichloroethene
Concen: 2.050 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 95 Resp: 1695

Ion	Ratio	Lower	Upper
95	100		
97	69.2	47.0	87.2
132	115.0	65.5	121.6
130	92.9	69.4	128.8





#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 9.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 83 Resp: 128

Ion	Ratio	Lower	Upper
83	100		
55	82.5	70.8	106.2
98	53.4	37.7	56.5

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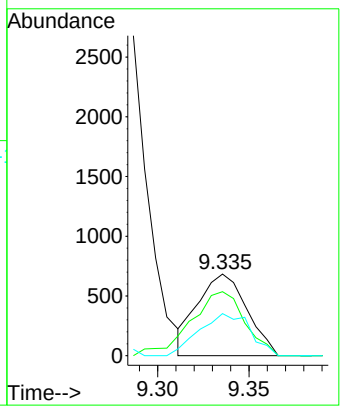
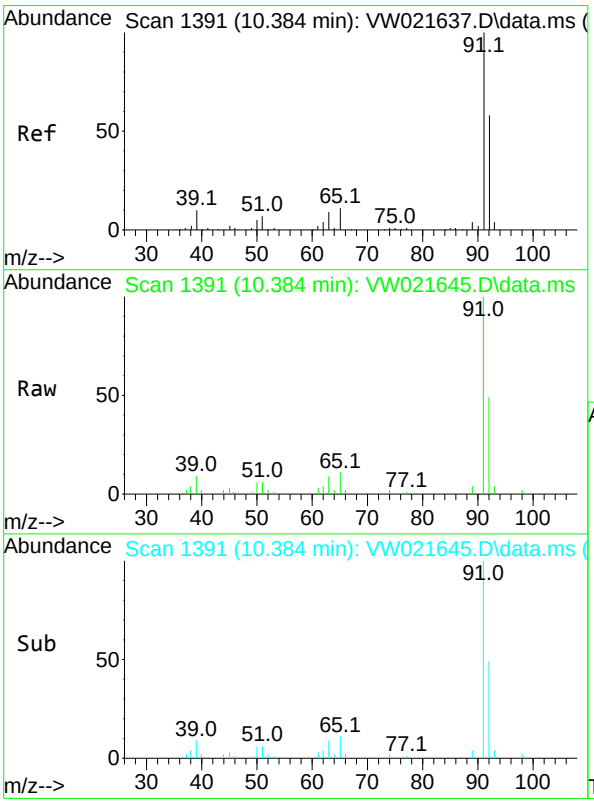
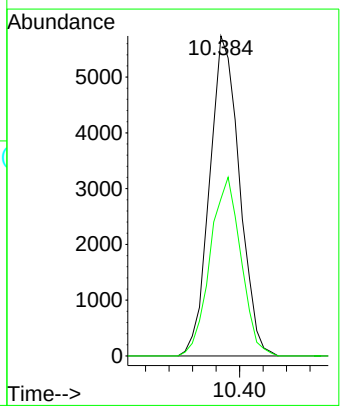


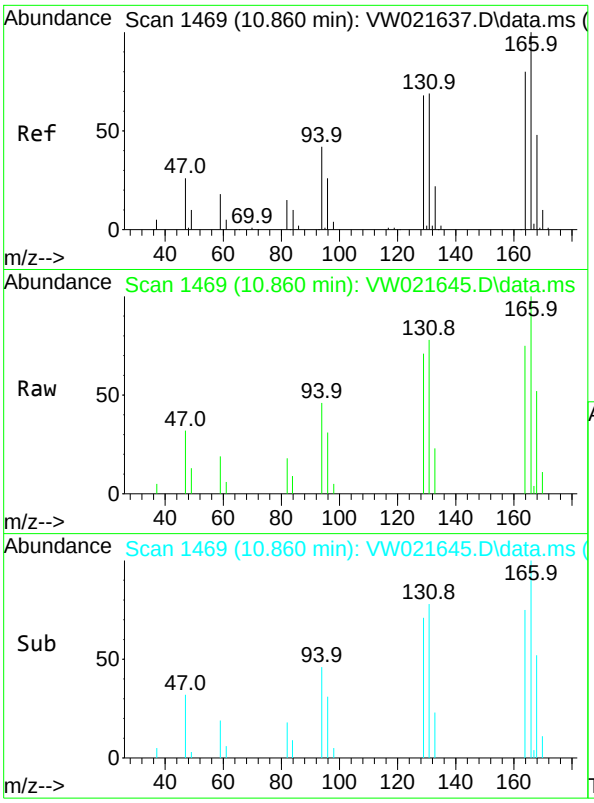


#42
Toluene
Concen: 2.940 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 91 Resp: 10129

Ion	Ratio	Lower	Upper
91	100		
92	49.1	41.7	77.5

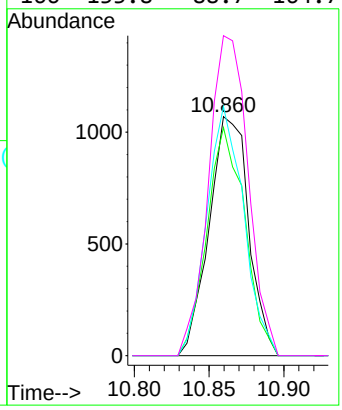




#46
Tetrachloroethene
Concen: 2.498 ug/L
RT: 10.860 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion:164 Resp: 196

Ion	Ratio	Lower	Upper
164	100		
129	95.4	65.5	121.7
131	104.2	59.7	110.9
166	133.8	88.7	164.7



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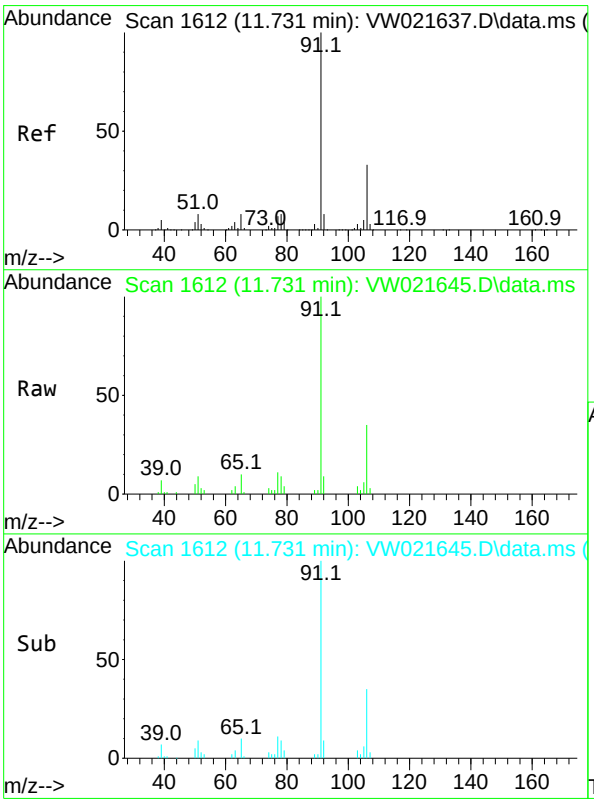
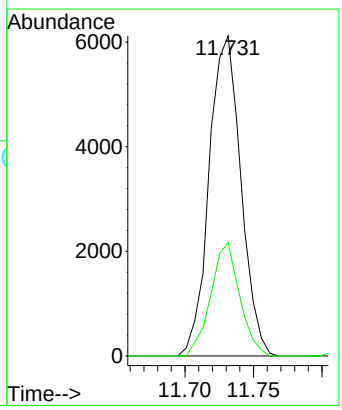
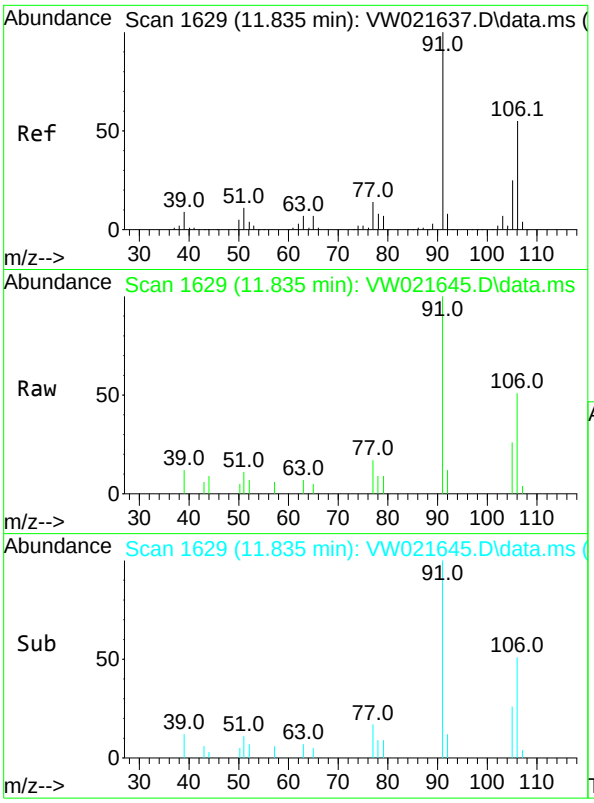


#52
Ethylbenzene
Concen: 2.506 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion: 91 Resp: 9864

Ion	Ratio	Lower	Upper
91	100		
106	35.5	21.5	39.9

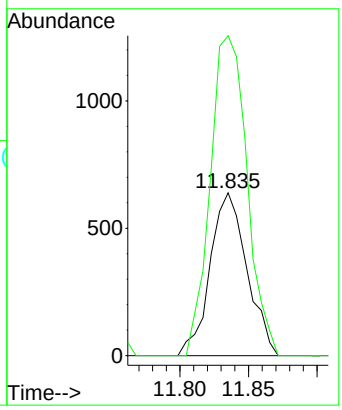




#53
m,p-Xylene
Concen: 0.753 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion:106 Resp: 119

Ion	Ratio	Lower	Upper
106	100		
91	196.6	149.9	278.3



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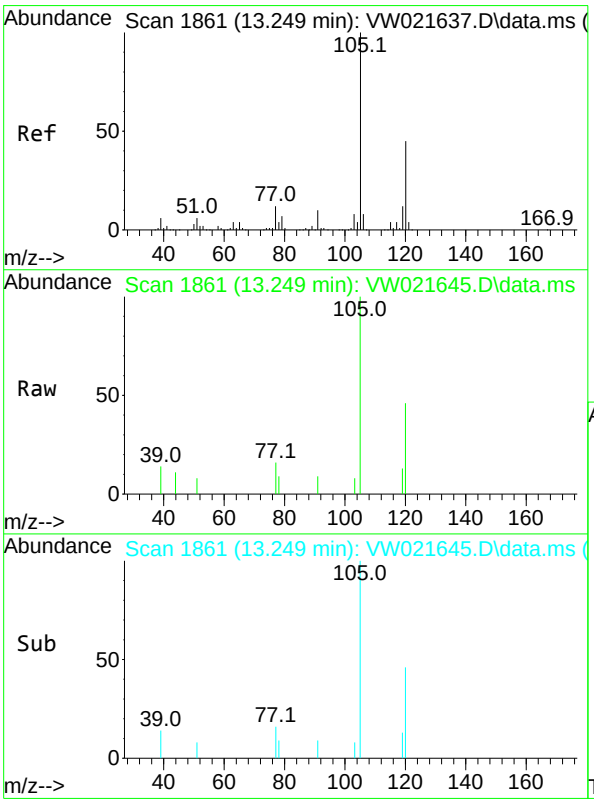

#63
1,2,4-Trimethylbenzene
Concen: 0.679 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021645.D
Acq: 25 Dec 2021 14:56

Tgt Ion:105 Resp: 1209

Ion	Ratio	Lower	Upper
105	100		
120	42.3	35.0	52.6